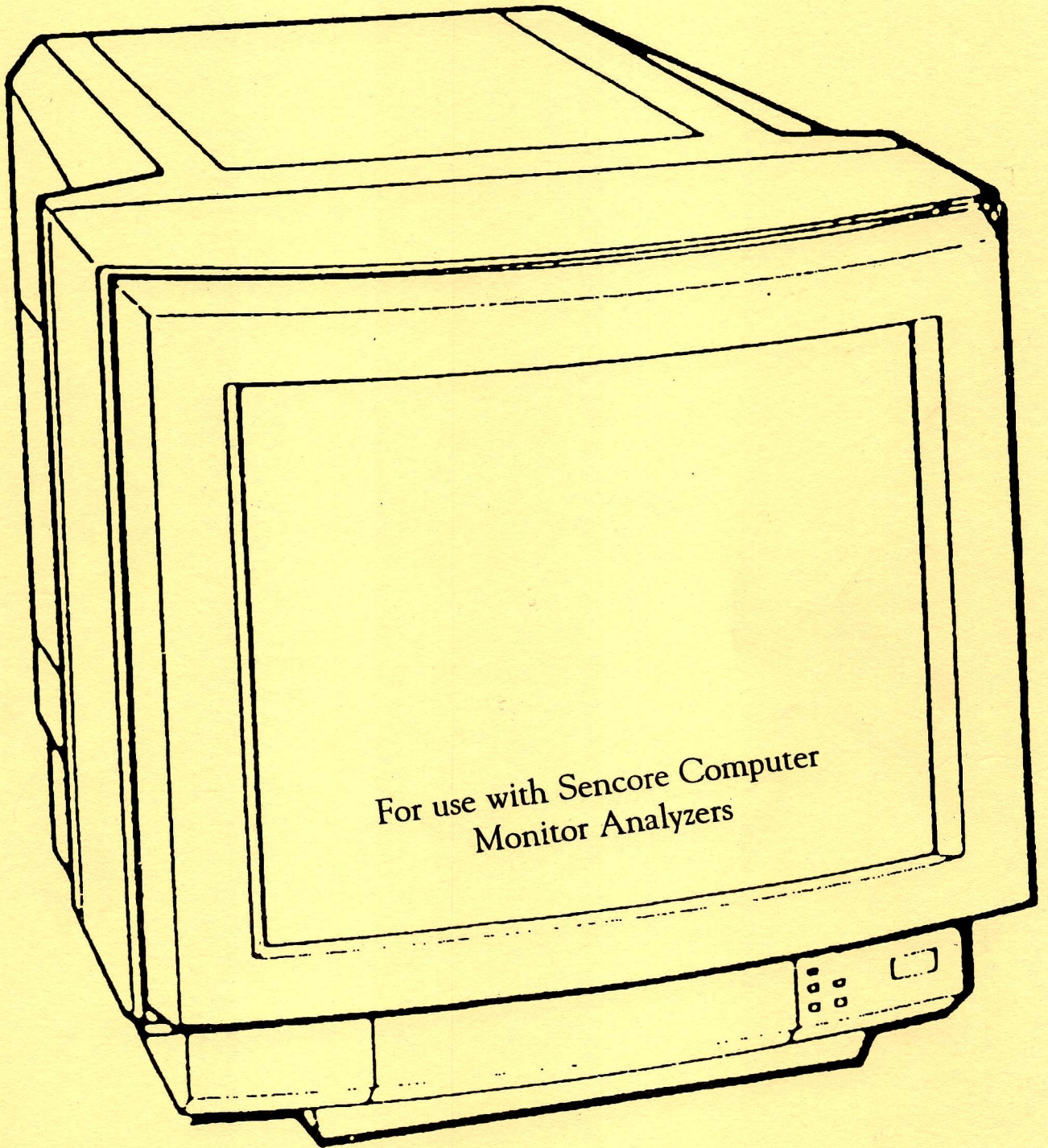


Computer Monitor Reference Guide



For use with Sencore Computer
Monitor Analyzers

SENCORE

3200 Sencore Drive, Sioux Falls, South Dakota 57107
Call 1-800-SENCORE (736-2673)

Price: \$29.95

Form 5531
Printed in USA

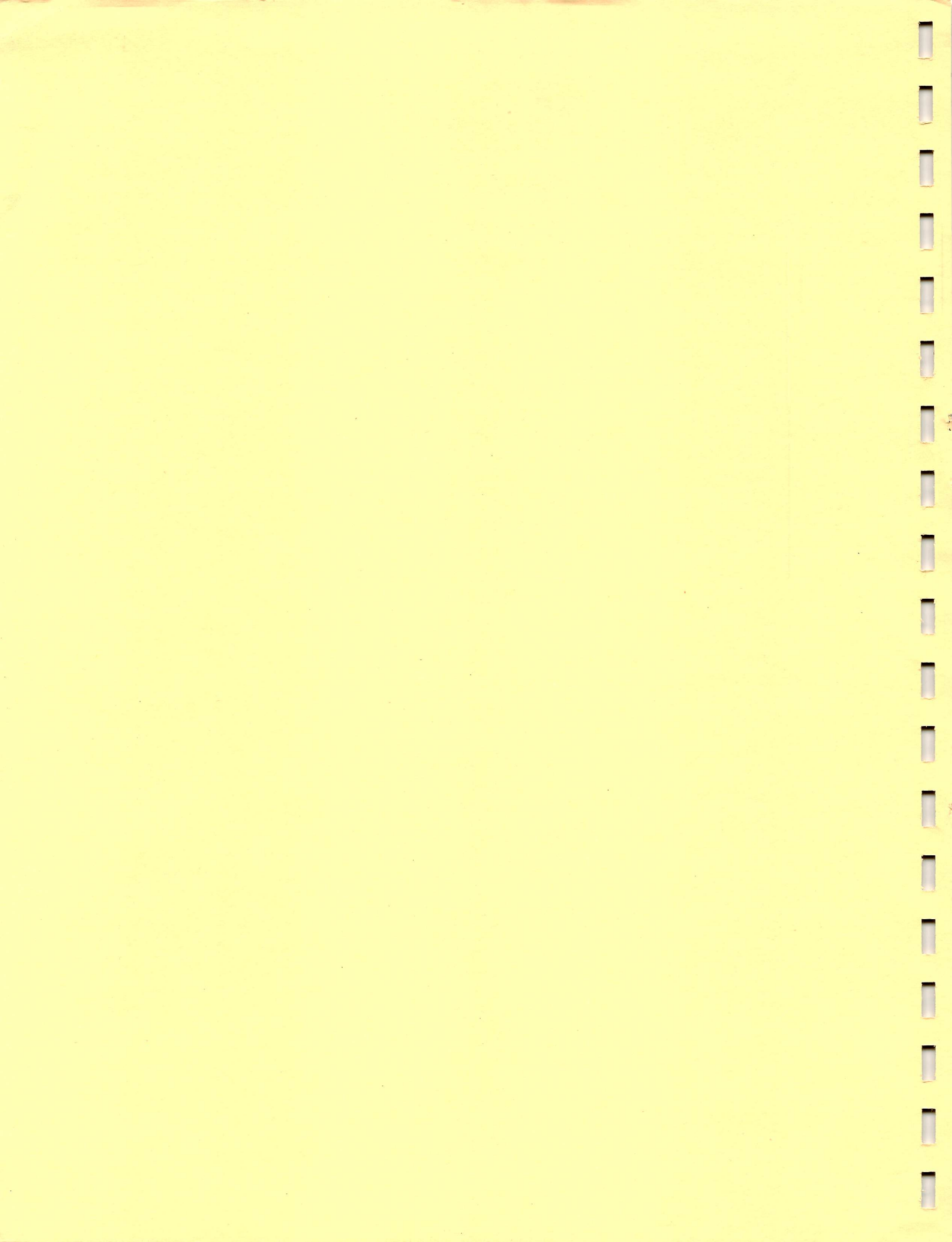


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About This Reference Book

Computer monitor repair is a very lucrative business for many service centers. As the number of PCs in use continues to grow, so does the need for computer monitor service. With this expanding service business comes the need for service equipment and service information.

Most computer monitors operate at scan frequencies other than the NTSC television format (15.75 kHz horizontal, and 60 Hz vertical). Monitors also have different resolutions (pixels) and non-standard timing parameters.

Sencore introduced the first complete monitor analyzer (the CM2000) to answer the need for monitor test equipment.

In this Reference Guide you will find:

- How computer monitors compare to television receivers
- Identifying common monitor formats and setups
- Simplified information on connecting your Computer Monitor Analyzer
- Setup information for monitor formats not included in the Computer Monitor Analyzer's pre-programmed setups
- Helpful service information
- Universal Monitor Block Diagrams
- Simplified Troubleshooting Trouble Trees

This reference guide is not intended to replace the Operators Manual for your Sencore Computer Monitor Analyzer. Instead, it provides additional information to help you test monitors having formats that are not pre-programmed in to the Computer Monitor Analyzer.

Sencore's Computer Monitor Analyzers provide a programmable video generator that adapts to whatever parameters are needed by the monitor. Special tests, video patterns and drive signals allow you to quickly isolate defects.

The second need in monitor servicing is determining the parameters needed to operate the monitor. At times this service information for computer monitors may be difficult to obtain. This booklet was put together as a service aid for technicians who service computer monitors. We've included all the necessary parameters and setup information for many computer monitors.

Even if you don't own or use a Sencore Computer Monitor Analyzer, you will find the information very useful and helpful and you service computer monitors.

What is a Computer Monitor?

Very simply, a computer monitor is much like a television receiver without a tuner, IF section, or color demodulator. Instead of receiving an RF signal, converting it to an IF frequency and uncovering the information with a video detector, a computer monitor receives video information directly from the computer through separate red, green and blue (RGB) lines (or through a single video line if monochrome). Horizontal and vertical sync pulses are supplied by the computer to lock the picture. A computer monitor contains a horizontal and vertical output stage to deflect the electron beam.

Do not confuse a computer monitor with a composite video monitor. Composite video monitors accept NTSC composite video (luminance and encoded color) through a single input. They must separate the chroma portion of the signal into separate red, green and blue signals and combine them with the luminance to produce a picture. While composite video monitors offer better resolution than television receivers, they fall far short of the performance provided by computer monitors.

Computer Monitor Types

There are three major types of computer monitors - digital, ECL, and analog. For all types, however, a monitor receives an input signal from the computer and converts the signal to a visual image which you can view on a CRT.

Digital Monitors

A digital monitor receives TTL logic level signals from the computer. Monochrome digital monitors may have 1 or 2 video lines. Monitors having 2 video lines produce two shades of amber, green or B&W.

Digital color monitors produce colors by combinations of logic "1's" and "0's" on the video lines, as shown in Figure 1.

These color digital monitors may use 3 (Red, Green, Blue) 4 (R,G,B and Intensity) or 6 (R,G,B and RI, GI, BI) video lines. The intensity lines are used to vary the color saturation, which effectively produces a second set of colors.

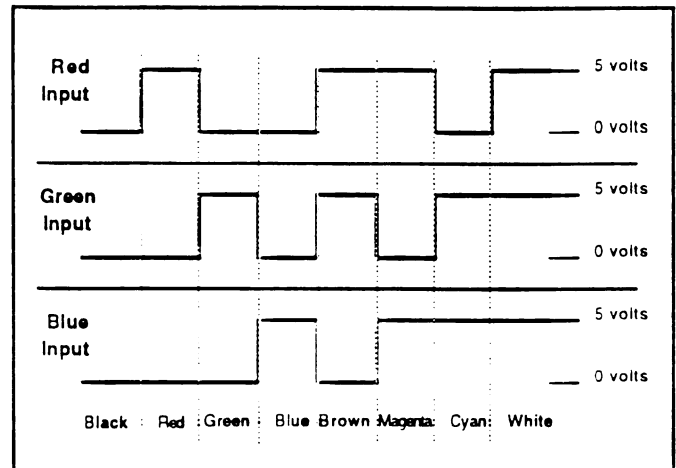


Fig. 1 - Combinations of TTL logic levels produce color in digital monitors.

Color monitors can therefore display 8 (3 input lines), 16 (4 inputs) or 64 (6 inputs) colors depending on the number of input lines. But, as you can see, digital monitors are limited in the number of colors they can display.

ECL Monitors

ECL monitors are a special type of digital monitors. Like TTL digital monitors, ECL monitors operate from combinations of logic "1's" and "0's" on the video lines.

Instead of operating at TTL levels (1 = >3.5 volts and 0 = <2 volts), ECL monitors operate at ECL logic levels. Typical ECL logic levels are -0.9 volts LOW; -1.6 volts HIGH.

Analog Monitors

Analog monitors can produce nearly an infinite number of colors or shades of gray since the video signal can be any level between 0.0 and 0.70 volts. A monochrome analog monitor uses only a single video line, while color Analog monitors use three video lines - Red, Green and Blue.

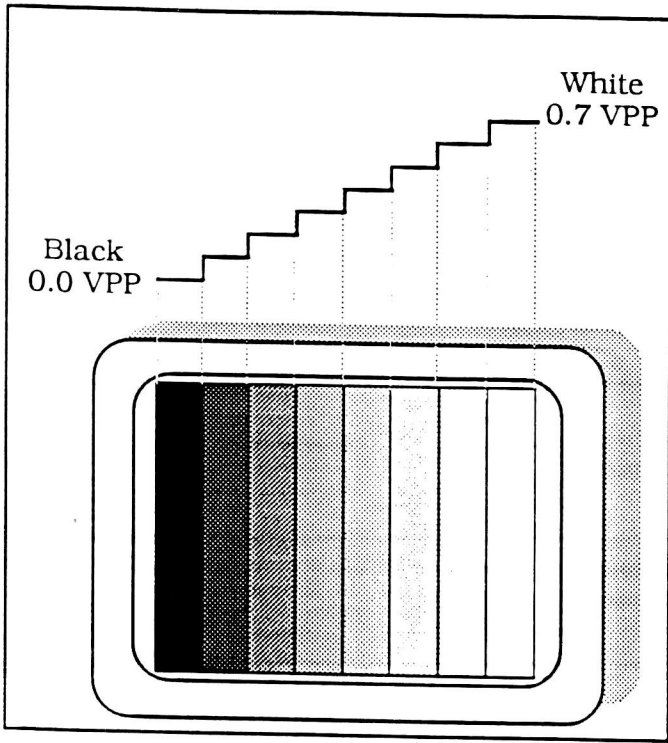


Fig. 2 - Analog monitors use varying voltages from 0.0 to 0.7 volts and can produce an infinite range of gray shades or colors.

High Resolution Monitors

The primary advantage of computer monitors is resolution. But early computer monitors had very poor resolution by today's standards and suffered from poor picture quality and clarity. High resolution analog and digital monitors were developed to improve picture quality.

Today's computer monitors operate at higher scanning frequencies and display many more pixels than early monitors. Figure 3 shows a comparison of several typical monitor formats. The VGA format, introduced in 1986, was the first of the "high resolution" formats.

Resolution

Resolution is a measure of the maximum number of light-to-dark transitions that a monitor is able to produce. This is expressed in pixels or lines. A pixel (picture element) is the smallest spot of light or dark that the monitor can produce on the CRT screen. (A line is the same size as a pixel, and gets its name from a scan line.)

Horizontal resolution is almost always defined in pixels, while vertical resolution may be specified in either pixels or in lines of resolution. The number of pixels displayed from the top to the bottom of the screen is vertical resolution, and the pixels displayed from left to right is horizontal resolution.

Four factors contribute to resolution:

- Bandwidth
- Dot Pitch
- Refresh Rate
- Scanning method (interlace or progressive)

Mode		Horizontal Frequency (kHz)	Vertical Frequency (kHz)	Horizontal Resolution (Pixels)	Horizontal Resolution (Pixels)
Lo Resolution	CGA (Color Graphics Adapter)	15.7	60	640	200
	MDA (Monochrome Display Adapter)	18.4	50	720	350
	HGC (Hercules Graphics Card)	18.4	50	720	350
	EGA (Enhanced Graphics Adapter)	21.8	60	640	350
High Resolution	VGA (Video Graphics Array) mode #1	31.5	70	640	350
	mode #2	31.5	60	640	480
	mode #3	31.5	70	720	400
	Apple MAC II	35.5	67	640	480
	Super VGA	35.2	56	800	600
	8514A	35.2	87	1024	768
	XGA (Extended Graphics Array)	35.2	87	1024	768

Fig. 3 - High resolution monitors use higher scan rates and display more pixels to achieve improved performance.

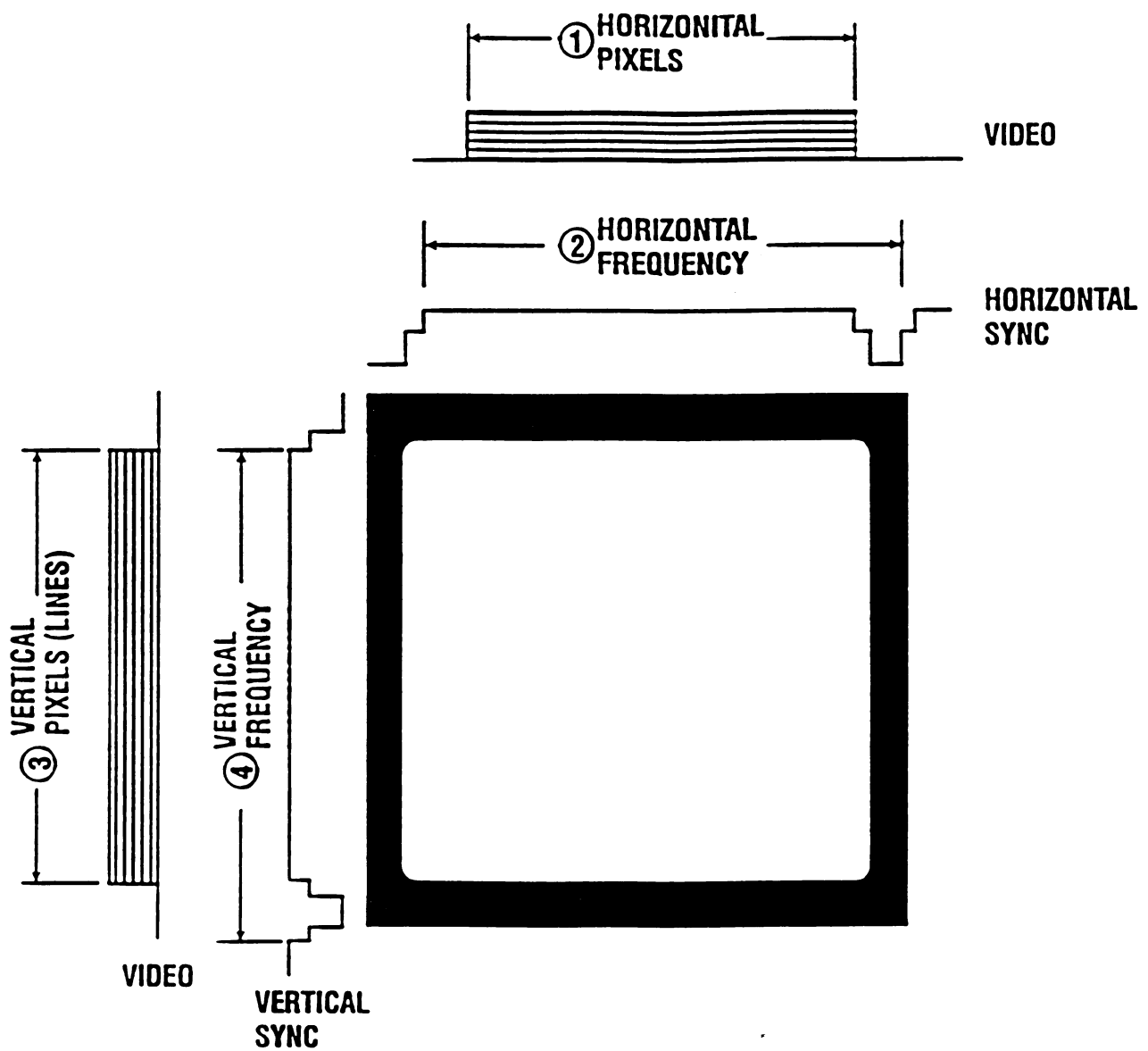


Fig. 4 - Resolution is defined in vertical pixels or lines, and horizontal pixels.

Bandwidth

Bandwidth is the maximum frequency that the video circuits can pass. This frequency response determines the fine detail of the picture. If the frequency response of the circuits decrease, small images and fast transitions will appear blurry or out of focus.

Dot Pitch

Dot pitch is the distance between a phosphor dot and the next nearest dot of the same color in a CRT, expressed in millimeters. This is illustrated in Figure 5.

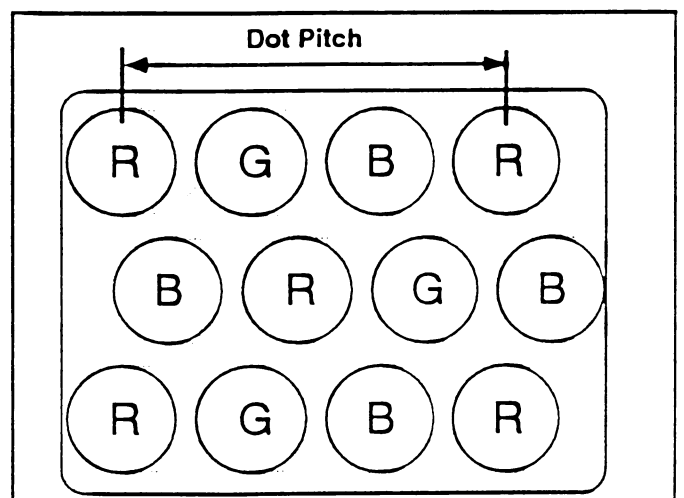


Fig. 5 - Dot pitch is the distance between phosphors of like colors.

Dot pitch applies only to color monitors. It determines the smallest size pixel a color CRT can produce. The CRT's electron beam hits one or more phosphor dots to create a pixel. The smaller the dot pitch the smaller and sharper the visual image. Typical dot pitch values range between 0.26 and 0.54 mm.

Refresh Rate

Refresh rate is the amount of time to display one full frame of video information. Depending on the type of scan, one frame may be scanned for every vertical deflection cycle (progressive scan), or one frame may consist of two vertical cycles called fields (interlace scan). If the refresh rate of a monitor is 60 Hz, for example, one complete frame will be displayed every 1/60 second.

Scan Method

As we've already stated, two types of vertical scan are used in computer monitors: progressive scan and interlace scan. Each method has certain advantages and disadvantages.

In progressive scan a complete frame of video information is drawn on the CRT for every vertical deflection cycle. Progressive scan monitors require higher scanning frequencies (and therefore higher video circuit bandwidth) to keep flicker at an acceptable level. (Flicker occurs because the scanned portions of the picture begin to fade immediately after the electron beam has passed over them).

When interlace scanning is used the frame is divided into two parts called fields. One vertical scan cycle produces half of the frame (the odd-numbered scan lines) and the second vertical scan cycle produces the other half (even-numbered lines). Interlace scanning allows higher resolution with lower bandwidth requirements than progressive scanning. However, interlace scanning results in vertical jitter and is not widely used in high resolution monitors.

Connecting Your Computer Monitor Analyzer to a Monitor

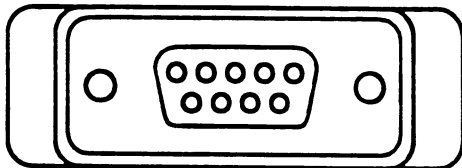
Connecting your Computer Monitor Analyzer to a monitor involves three main parts:

- 1) determining the monitor's format
- 2) selecting the right adapter
- 3) programming the proper parameters

Determining The Format

Often you will know the format of the monitor you are servicing, such as CGA, EGA or VGA. Usually the customer will be able to tell you this information, or you will know the format based on the computer system the monitor is used with. Of course, sometimes a monitor may not be a common format. If you find this to be the case you will need to refer to the manufacturer's service literature for the necessary information.

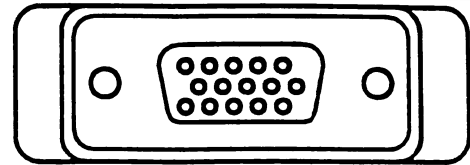
If you don't know what format the monitor is, several key points will help you identify the type and format: input connector, screen size, color or monochrome, manufacturer, and model number.



Connector: 9 Pin

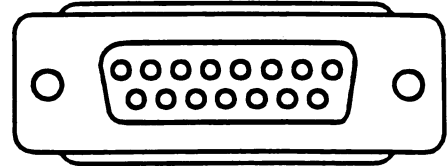
Formats: CGA, MDA, Hercules, EGA, PGC, ECL

- Tips:**
- MDA and Hercules are monochrome
 - EGA monitors have 2 vertical size controls
 - CGA monitors have a single vertical size control
 - PGC monitors are color, but very few were made
 - A 9 pin connector on large monochrome monitors (19" or 21") usually indicates ECL type.



Connector: 15 pin, high density

Formats: VGA, SVGA, XGA, PS/2™



Connector: 15 pin D

Formats: Apple™, MacIntosh™

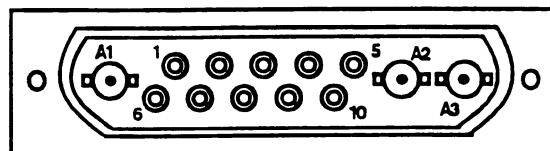
Tip: may be male or female



Connector: BNC or RCA

Formats: high resolution

Tip: always indicates analog type.



Connector: 13W3

Format: high resolution

Tip: always indicates analog type

If you can not determine the monitor's format from the input connector or by the computer system it is used with, you will need to obtain information from the manufacturer's technical support line. To do this you will of course need the manufacturer's name and model

Selecting The Adapter

Once you have identified the monitor format, the adapter to use with the Computer Monitor Analyzer is usually established, since the adapter is part of the format standard. Figure 6 shows the adapter to use for each of the standard monitor formats.

Figure 6 also shows the wiring of these standard format connectors. If the mechanical fit and wiring match, you can use one of the Computer Monitor Analyzer's adapters to connect to the monitor.

If you are unable to match an adapter, use the Universal Adapter cable supplied with your Computer Monitor Analyzer.

Note: Some connections will require the use of a "Gender Changer". These adapters reverse the male and female type connections, and wired straight through. Ready-made gender changers are available at most computer stores.

Programming The Parameters

In order for a monitor to properly display the video information, the signals supplied by the source must match the parameters which the monitor expects. The following parameters are required to set your Computer Monitor Analyzer for a proper display :

1. Horizontal scan frequency
2. Vertical scan frequency
3. Timing parameters (front porch, sync, back porch)
4. Horizontal pixels
5. Vertical pixels
6. Video type (analog/digital/ECL)
7. Signal polarity
8. Sync Adder
9. Scan type (interlace/non-interlace)

Pre-Programmed Parameters

Parameters for many of the most common monitor formats are stored in the Computer Monitor Analyzer for fast recall. These are listed in Figure 7. **If you are testing a format that is listed you do not need to enter each parameter separately. Instead, simply recall the number that appears under "Recall #".**

Computer Monitor Analyzer Connectors & Pinout							
Signal:	Analyzer Output Jack	#1 CGA, MDA Hercules™	#2 EGA	#3 PGC	#4 VGA, SVGA PS2™ XGA	#5, 5F Apple™ Macintosh™	Universal adapts to any type
Red	1	3	3	1	1	2	Brown
Green	2	7,4	4	2	2	5	Red
Blue	3	5	5	3	3	9	Orange
Intensity	4	6	2	NC	NC	NC	Pink
Intensity	5	NC	6	NC	NC	NC	Yellow
H Sync	6	8	8	NC	13	NC	Green
Comp Sync	7	NC	NC	4	NC	3	Light Green
GND	8	1	1	8	4,5	11	Blue
Red GND	9	NC	NC	6	6	1	Purple
Green GND	10	NC	NC	7	7	6	Slate
Blue GND	11	NC	NC	8	8	13	White
Intensity	12	NC	7	NC	NC	NC	Black
GND	13	2	NC	NC	10,11	14	Brown/White
V Sync	14	9	9	NC	14	NC	Red/White
+ 5 volts	15	NC	NC	NC	NC	NC	Black/White

Fig. 6 - Computer Monitor Analyzer adapters and pinouts for standard monitor formats.

Setup Storage Locations		
Format	Recall #	Adapter #
CGA, EGA Lo	0	1
Hercules, MDA	1	1
EGA Hi	2	2
PGC1	3	3
PGC2	4	3
VGA 1	5	4
VGA 2, MCGA1	6	4
VGA 3, MCGA 2,	7	4
SVGA	8	4
8514 A, XGA	9	4
Mac	10	5, 5F
generic	11	4
Apollo	12	6 (BNC)
DEC	13	6 (BNC)
Sun	14	6 (BNC)
IBM, Apollo	15	6 (BNC)
Apollo	16	6 (BNC)
IBM 8508	17	6 (BNC)
Apollo	18	6 (BNC)
Radius	19	6 (BNC)
Radius/MAC	20	6 (BNC)
Radius/MAC	21	
Radius	22	
Apollo ECL	23	
Sun ECL	24	
MAC	25	
SuperMac	26	
NTSC mono	27	
VESA	28	
VESA	29	
VESA	30	
VESA	31	
VESA	32	
XGA-2	33	
XGA-2	34	
XGA-2	35	
XGA-2	36	
Sony	37	
Sony	38	
Sony 1601,1901,1930,1932,1950	39	
Samsung	40	
DEC	41	
DEC	42	
user definable	43-69	
15 sec. pattern sequence	99	

CM2000 supports recalls 0-19

Fig. 7 - Computer Monitor Analyzer setup recalls for standard monitor formats.

Notes: 1) The CM2000 Computer Monitor Analyzer is pre-programmed only with recalls 0-19. 2) Refer to Appendix A for a complete listing of the parameters for each recall storage location.

To recall a stored setup:

1. Find the format of the monitor you are testing in Figure 7, and note the corresponding number in the "Recall #" column.
2. Press the "RECALL" button located at the bottom of the Computer Monitor Analyzer's *Parameters* keypad.
3. Press the "Storage Location" number identified in step 2. This number will appear in the right-hand LCD display on the Computer Monitor Analyzer.
4. Press the ENTER button located at the bottom of the Computer Monitor Analyzer's *Parameters* keypad.

Non Pre-Programmed Parameters

Because of the wide variety of monitor parameters and the uniqueness of others, we are unable to pre-program all setups into the Computer Monitor Analyzer. If you are testing a monitor whose format is not listed in Figure 7, you will need to enter the necessary parameters. The listings beginning after page 14 show setups for many of these monitors. The following steps explain how to enter these parameters.

To set:

Horizontal Frequency, Vertical Frequency, Horizontal Pixels or Vertical Pixels

1. Press the corresponding button on the *Parameters* keypad (*H FREQ*, *H PIXEL*, *V FREQ*, or *V PIXEL*)
2. Enter the desired numeric value.
3. Press "ENTER".
4. Repeat steps 1 - 3 for each parameter.

When you program non-standard format horizontal and vertical frequencies in to the Computer Monitor Analyzer, the timing parameters automatically default to 80% active video and 20% blanking. (The blanking time is divided evenly between front porch, sync, and back porch). This will usually produce a locked-in display on the computer monitor. However, if the monitor does not use an 80/20 time ratio, the displayed picture will not be centered. You can center the display by altering the corresponding timing parameters. Refer to the next section, "Understanding The Setup Parameters" for more information about the vertical and horizontal timing parameters.

To set: Video Type, Signal Polarities, Sync Adder and Scan Type

1. Find the corresponding button on the *Video Format* Keypad.
2. The LED indicates the current setting of the Computer Monitor's output.
3. To change the setting press the corresponding button to turn the LED on or off.

To set: Horizontal & Vertical Timing Parameters (front porch, sync, back porch)

1. Press "STORE" "8" "0" "ENTER".
This places the Computer Monitor Analyzer into its programming mode.
2. Enter the Vertical Timing Parameters using the following key sequence:
(insert the correct numerical value for "Time")

a. Vertical Front Porch time:
"STORE" "8" "1" "ENTER" "Time" "ENTER"

b. Vertical Back Porch time:
"STORE" "8" "2" "ENTER" "Time" "ENTER"

c. Vertical Sync time:
"STORE" "8" "3" "ENTER" "Time" "ENTER"

Note: You must enter all three vertical timing parameters.

3. Enter the Horizontal Timing Parameters using the following key sequence:
(insert the correct numerical value for "Time")

a. Horizontal Front Porch time:
"STORE" "8" "4" "ENTER" "Time" "ENTER"

b. Horizontal Back Porch time :
"STORE" "8" "5" "ENTER" "Time" "ENTER"

c. Horizontal Sync time:
"STORE" "8" "6" "ENTER" "Time" "ENTER"

Note: You must enter all three horizontal timing parameters.

Storing Setup Parameters

The setup parameters you program into the Computer Monitor Analyzer using the above procedure can be stored in to non-volatile memory for quick recall at any time. Storage locations 20-39 are available for user setups in the CM2000, and 43-69 are available in the newer model Computer Monitor Analyzers.

To store setup parameters:

1. Press "STORE".
2. Enter the number of the desired storage location.
3. Press "ENTER".

Understanding The Setup Parameters

Note: The following information is provided to help you better understand the setup parameters. If you do not know the format of a computer monitor, and cannot find it listed in the setup listing, we recommend you call the manufacturer and obtain the necessary information. Although it is very unlikely that you will damage a monitor with the wrong setup parameters, our experience has proven that you can waste a lot of time trying to develop a setup!

Horizontal Scan Frequency

The horizontal scan frequency is the number of times per second that the electron beam travels horizontally across the CRT from left to right (trace) and back (retrace). The horizontal frequency is established by the horizontal sync pulses coming from the computer or Computer Monitor Analyzer. Figure 8 illustrates the horizontal frequency.

A wrong horizontal frequency may affect the display several ways:

- no display
- display “rolls” horizontally
- multiple displays side-by-side
- bending or weaving, especially at the top or bottom

*Note: Incorrect **horizontal timing** problems may cause similar symptoms.*

Vertical Scan Frequency

The vertical scan frequency is the number of times per second that the electron beam travels from the top of the CRT to the bottom (trace) and back (retrace). The vertical frequency is established by the frequency of the vertical sync pulses, as shown in Figure 8.

A wrong vertical frequency may affect the display several ways:

- no display
- display “rolls” vertically
- multiple displays
- bending or weaving

*Note: Incorrect **vertical timing** problems may cause similar symptoms.*

Timing parameters

(front porch, sync, back porch, active video)

The horizontal and vertical sync pulses synchronize the horizontal and vertical oscillators to the incoming video signal. The oscillators in turn feed the driver and output stages which deflect the electron beam vertically and horizontally around the CRT. The timing of the sync signals in relationship to the video determines the actual position of the picture that is displayed on the CRT.

The timing parameters are illustrated in Figure 8. The combination of front porch, sync, and back porch times makes up what is collectively called blanking. Blanking time plus active video time equals total scan time.

Incorrect timing parameters may cause the display to be the wrong size, or to be shifted horizontally or vertically. Incorrect timing may also cause symptoms that look like wrong vertical or horizontal frequency. This interaction between sync frequency and timing makes determining unknown setup parameters difficult for some monitors.

Horizontal and Vertical Pixels

Pixels are a measure of a monitor’s resolution. They specify the maximum number of light-to-dark transitions that a monitor is able to produce.

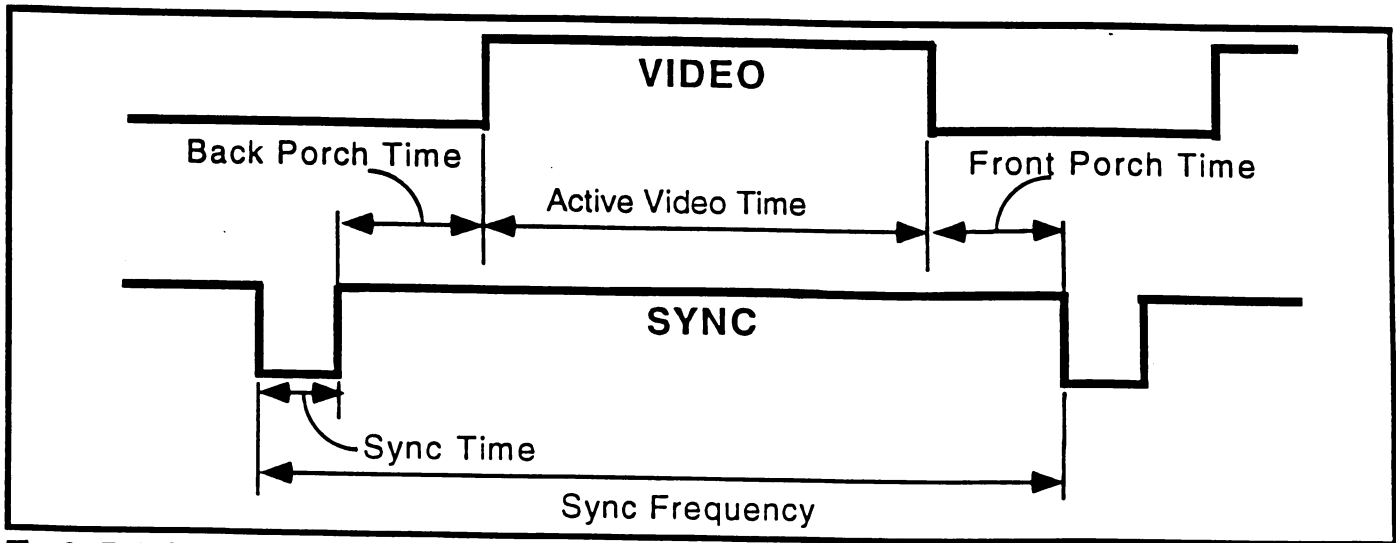


Fig. 8 - Relationship of sync frequency, sync time, front porch time, back porch time and active video time.

The number of pixels, the timing parameters, and the sync frequency all interact. Depending on how these variables add up, you may or may not notice an affect on the display, or the Computer Monitor Analyzer may automatically adjust to maintain a valid output.

An incorrect horizontal pixel setting may have these affects:

- no visible affect
- the display may be too narrow
- the Computer Monitor Analyzer may not accept the number and will default to the highest possible pixel count for the entered horizontal frequency.

An incorrect vertical pixel setting may have these affects :

- The Computer Monitor Analyzer may not accept the number and will default to the highest possible pixel count for the entered horizontal and vertical frequencies.

Video Type

The Video Type parameter toggles the video signal between analog and digital. Selecting the wrong video type will have the most noticeable affect on the Staircase video pattern:

- glaring bright display if "Digital" type is applied to an analog monitor
- no or dim display if "Analog" type is applied to a digital monitor

Signal Polarity

The polarity parameters establish the polarity of the video and sync signals.

Incorrect video polarity may produce :

- negative display (blacks will be white and whites will be black).

Incorrect sync polarity:

- may have no effect
- may cause loss of sync
- may cause multimode monitors to select the wrong mode

Sync Adder

The sync adder parameters specify if vertical and horizontal sync pulses are applied to the monitor on one of the RGB video lines.

Adding sync to a video line when it is not needed may:

- have no visible effect
- change the background color
- cause picture distortion

Not adding sync to a video line when needed:

- results in an out-of sync raster

Scan type

Selecting the type of scan applies either interlaced or a non-interlaced signals to the monitor. Most monitors are non-interlaced.

Selecting the wrong scan type results in:

- no visible effect
- loss of vertical sync
- raster distortion

Modifying Pre-Programmed Parameters

Appendix A shows the parameters that are pre-programmed into the Computer Monitor Analyzer. You can recall and modify any of these parameters using the procedures explained in the section "Non Pre-Programmed Parameters" on page 9.

The pre-programmed parameters are stored in permanent memory. If you make any changes to an existing setup you must save the new setup in a "User Defined" location, otherwise the changes you made will be lost when power is turned off, or when you recall another setup. To save your changes, enter your new setup into one of the User Setup Locations in your Computer Monitor Analyzer as explained earlier.

Note: Attempting to modify the pre-programmed parameters to work for another monitor format may become time consuming due to the interaction of the timing and sync frequency parameters. We strongly recommend that you call the manufacturer and obtain the necessary setup information.

Computer Monitor Setups

Many RGB computer monitors are a common setup, such as CGA, EGA, VGA or SVGA. These monitors are quickly identified, and can be tested using the pre-programmed recalls listed on page 9.

The following listings are for monitors whose setup is not pre-programmed in the Computer Monitor Analyzer.

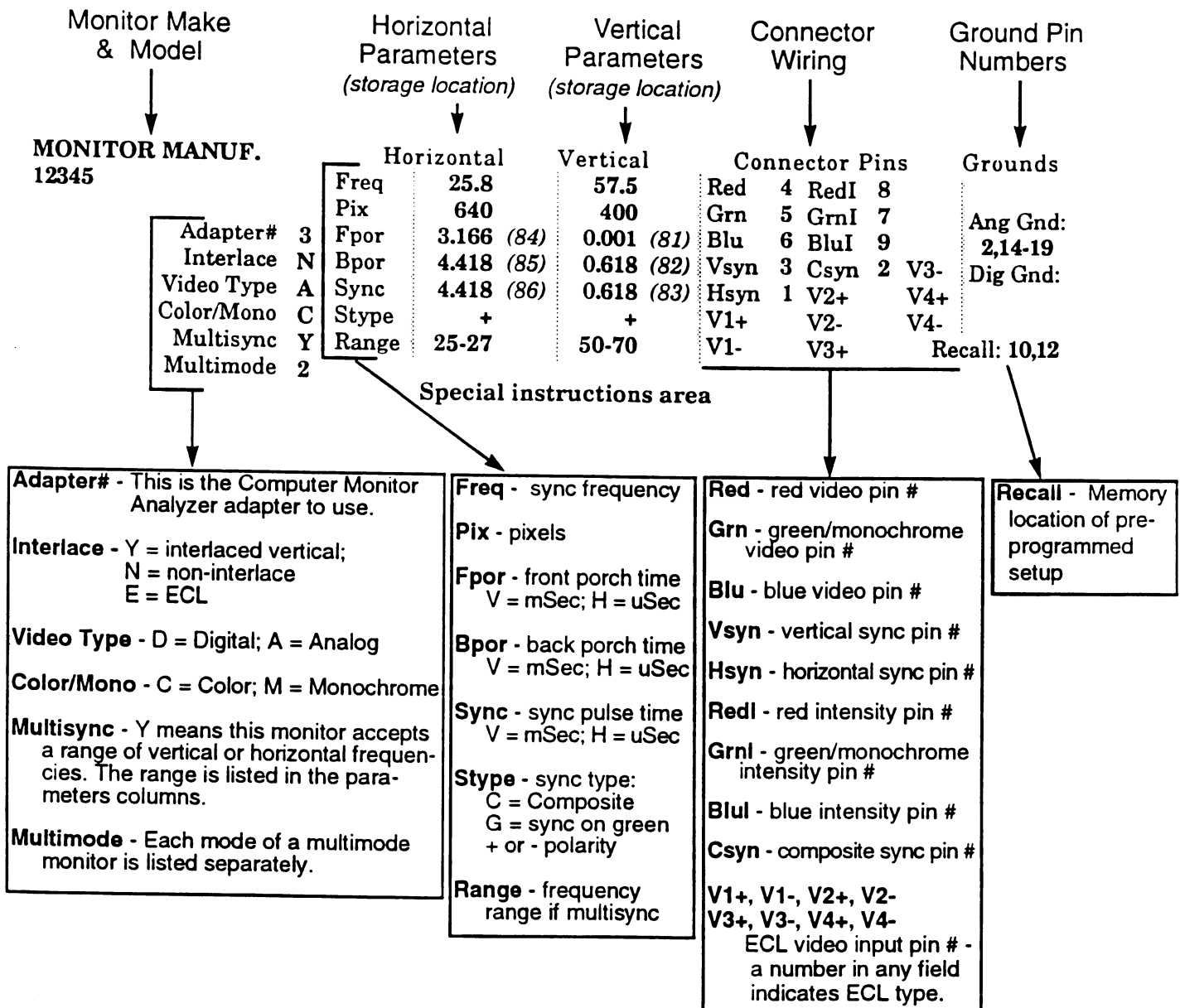
We have made our best effort to insure that this information is correct. However, since the information is compiled from several sources, **we can not guarantee**

the accuracy or completeness of these setups. If you should find an error, please notify the Sencore Application Engineering Department so that we can make the necessary corrections. Likewise, we would greatly appreciate your input on any setup information for monitors which are not listed.

Please forward your corrections or new setup information to:

Sencore Application Engineering
1-800-736-2673
or FAX (605) 339-0432.

Explanation of Sample Setup



AMAZING CM1726X		Horizontal	Vertical	Connector Pins			Grounds
	Freq	1280	1024	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-66	50-100	V1-	V3+		Recall:
Multimode	N		17" COLOR				

AMAZING CM1728		Horizontal	Vertical	Connector Pins			Grounds
	Freq	1280	1024	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	28-90	47-120	V1-	V3+		Recall:
Multimode	N		17" COLOR				

AMAZING CM20001		Horizontal	Vertical	Connector Pins			Grounds
	Freq	1280	1024	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	28-72	30-66	V1-	V3+		Recall:
Multimode	N		20" COLOR				

AMAZING CM828MX		Horizontal	Vertical	Connector Pins			Grounds
	Freq	1024	768	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	31.5-48	50-90	V1-	V3+		Recall:
Multimode	N		14" COLOR				

AMAZING CM84289GX		Horizontal	Vertical	Connector Pins			Grounds
	Freq	1024	768	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	31.5-35.5	50-70	V1-	V3+		Recall:
Multimode	N SVGA		14" HIGH CONTRAST				

AMAZING CM84288X		Horizontal	Vertical	Connector Pins			Grounds
	Freq	1024	768	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	31.5-35.5	50-70	V1-	V3+		Recall:
Multimode	N SVGA		14" COLOR				

AMAZING CM8441GX/52GX		Horizontal	Vertical	Connector Pins			Grounds
	Freq	640	480	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	31.5	50-70	V1-	V3+		Recall: 5,6,7
Multimode	N VGA		14" HIGH CONTRAST				

AMAZING CM8486QX

	Horizontal	Vertical	Connector Pins			Grounds
Freq			Red	RedI		
Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	Blu	BluI		
Interlace	N	Bpor (85)	Vsyn (82)	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	Hsyn (83)	V2+	V4+	
Color/Mono	C	Stype	V1+	V2-	V4-	
Multisync	Y	Range 31.5-48	V1-	V3+		Recall: 8
Multimode	N	SVGA 14:"	COLOR			

AMAZING CM8486X

	Horizontal	Vertical	Connector Pins			Grounds
Freq			Red	RedI		
Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	Blu	BluI		
Interlace	N	Bpor (85)	Vsyn (82)	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	Hsyn (83)	V2+	V4+	
Color/Mono	C	Stype	V1+	V2-	V4-	
Multisync	Y	Range 30-64	V1-	V3+		Recall:
Multimode	N	14" COLOR				

AMAZING CM8489GX

	Horizontal	Vertical	Connector Pins			Grounds
Freq			Red	RedI		
Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	Blu	BluI		
Interlace	Y	Bpor (85)	Vsyn (82)	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	Hsyn (83)	V2+	V4+	
Color/Mono	C	Stype	V1+	V2-	V4-	
Multisync	Y	Range 31.5/35.5	V1-	V3+		Recall: 5-9
Multimode	Y	VGA, SVGA, 8514A INTERLACED IN 8514A MODE.				

AMAZING MM1488AX/1288AX

	Horizontal	Vertical	Connector Pins			Grounds
Freq			Red	RedI		
Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	Blu	BluI		
Interlace	N	Bpor (85)	Vsyn (82)	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	Hsyn (83)	V2+	V4+	
Color/Mono	M	Stype	V1+	V2-	V4-	
Multisync	Y	Range 31.5	V1-	V3+		Recall: 5,6,7
Multimode	N	VGA 14"& 12" HIGH CONTR.				

AMAZING MM1488X/1288X

	Horizontal	Vertical	Connector Pins			Grounds
Freq			Red	RedI		
Pix	720	348	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	Blu	BluI		
Interlace	N	Bpor (85)	Vsyn (82)	Csyn	V3-	Dig Gnd:
Video Type	D	Sync (86)	Hsyn (83)	V2+	V4+	
Color/Mono	M	Stype	V1+	V2-	V4-	
Multisync	Y	Range 18.5	V1-	V3+		Recall:
Multimode	N	14"& 12" HIGH CONTR.				

ACTION CM-2428

	Horizontal	Vertical	Connector Pins			Grounds
Freq			Red	RedI		
Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	Blu	BluI		
Interlace	Y	Bpor (85)	Vsyn (82)	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	Hsyn (83)	V2+	V4+	
Color/Mono	C	Stype	V1+	V2-	V4-	
Multisync	Y	Range 30-38	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A MODE.				

ACTION CM-2439M

	Horizontal	Vertical	Connector Pins			Grounds
Freq			Red	RedI		
Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	Blu	BluI		
Interlace	Y	Bpor (85)	Vsyn (82)	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	Hsyn (83)	V2+	V4+	
Color/Mono	C	Stype	V1+	V2-	V4-	
Multisync	Y	Range 30-38	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A MODE.				

AMDEK 600T		Horizontal	Vertical	Connector Pins			Grounds
	Freq	17.70	60.0	Red	RedI		
	Pix	640	200	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

AMDEK 732 SERIES		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range	31.5	60-70	V1-	V3+		Recall:
Multimode			14" FS VGA COLOR				

AMDEK AM817		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range	30-76	40-120	V1-	V3+		Recall: 5-9
Multimode		VGA, SVGA, 8514A					

AMDEK 300		Horizontal	Vertical	Connector Pins			Grounds
	Freq	15.75	60.0	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

AMDEK 432 SERIES		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range	31.5	60-70	V1-	V3+		Recall:
Multimode			14" FS VGA MONOCHROME				

AMDEK 738 SERIES		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range	31.5-38	50-90	V1-	V3+		Recall:
Multimode			14" FS SVGA COLOR				

AMDEK 817 SERIES		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range	31.5-38	50-90	V1-	V3+		Recall:
Multimode			17" HIGH-RES COLOR				

AMTRON		Horizontal	Vertical	Connector Pins			Grounds
CD-1924-36GD		Freq	48.00	60.0	Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.526 (84)	0.041 (81)	Blu	BluI	
Interlace	N	Bpor	1.58 (85)	0.646 (82)	Vsyn	Csyn	V3-
Video Type	A	Sync	1.84 (86)	0.021 (83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

NTSC Monitor

AOC		Horizontal	Vertical	Connector Pins			Grounds
CM735N		Freq			Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-64	50-90	V1-	V3+	Recall:
Multimode	N		VGA, SVGA, 8514A INTERLACED IN 8514A MODE.				

APPLE		Horizontal	Vertical	Connector Pins			Grounds
A2M6014		Freq	15.70	60.0	Red	RedI	
		Pix	640	200	Grn	GrnI	Ang Gnd:
Adapter#	5	Fpor	7 (84)	2 (81)	Blu	BluI	
Interlace	N	Bpor	11 (85)	2 (82)	Vsyn	Csyn	V3-
Video Type	A	Sync	3 (86)	0.25 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
13" DISPLAY		Freq	35.00	67.0	Red	RedI	
VARIOUS MODELS		Pix	640	480	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode			APPLE 13" DISP				

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
16" COLOR		Freq	49.73	75.0	Red	RedI	
VARIOUS MODELS		Pix	832	624	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode			APPLE 16" COL				

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
19" GENERIC		Freq	48.78	60.0	Red	RedI	
VARIOUS MODELS		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode			APPLE 19" GENE				

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
19" RASTEROPS		Freq	60.24	75.0	Red	RedI	
VARIOUS MODELS		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode			19" RASTEROPS				

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
19" SUPERMAC		Freq 60.24	75.0	Red	RedI		
VARIOUS MODELS		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	19" SUPERMAC D						

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
21" COLOR		Freq 68.68	75.0	Red	RedI		
VARIOUS MODELS		Pix 1152	870	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	APPLE 21" COL						

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
APPLE SVGA		Freq 48.00	72.0	Red	RedI		
VARIOUS MODELS		Pix 800	600	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	APPLE SVGA DIS						

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
APPLE VGA		Freq 31.50	60.0	Red	RedI		
VARIOUS MODELS		Pix 640	480	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	APPLE VGA DISP						

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
COLOR PIVOT		Freq 68.98	75.0	Red	RedI		
		Pix 640	870	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	1	O233 & O277 MO					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
COLOR PIVOT		Freq 68.85	85.0	Red	RedI		
		Pix 560	760	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	2	O233 & O277 MO					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
COLOR PIVOT/LE		Freq 48.00	72.0	Red	RedI		
		Pix 832	624	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	O379 MODE						

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
FULL PAGE DSPLY		Freq 68.85	75.0	Red	RedI		
		Pix 640	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		0311 & 0362 MO					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
HI-RES RGB		Freq 35.00	67.0	Red	RedI		
VARIOUS MODELS		Pix 640	480	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		APPLE HI-RES R					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
INTELLICOLOR/20		Freq 68.68	75.0	Red	RedI		
		Pix 1152	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		TWO PAGE MODE					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
PIVOT DSPLY		Freq 68.85	75.0	Red	RedI		
		Pix 640	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		0276 & 0361 MO					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
PORTRAIT DSPLY		Freq 68.85	75.0	Red	RedI		
VARIOUS MODELS		Pix 640	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		APPLE PORTRAIT					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
PRECISION PIVOT		Freq 49.73	75.0	Red	RedI		
		Pix 832	624	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		0356 MODES					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
PRECISION/19		Freq 64.79	72.0	Red	RedI		
		Pix 1152	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	1	TWO PAGE MODE					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
PRECISION/19		Freq 57.83	72.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	2	WYSIWYG MODE -					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
PRECISION/20		Freq 68.68	75.0	Red	RedI		
		Pix 1152	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	1	TWO PAGE MODE					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
PRECISION/20		Freq 60.00	75.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	2	WYSIWYG MODE -					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
PRECISION/20S		Freq 68.68	75.0	Red	RedI		
		Pix 1152	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	1	TWO PAGE MODE					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
PRECISION/20S		Freq 60.00	75.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	2	WYSIWYG - 0387					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
RADIUS DSPLY/21		Freq 64.79	71.0	Red	RedI		
		Pix 1152	882	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	1	TWO PAGE MODE					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
RADIUS DSPLY/21		Freq 64.77	77.0	Red	RedI		
		Pix 1056	807	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	2	WYSIWYG MODE -					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
RADIUS DSPLY/21		Freq 68.68	75.0	Red	RedI		
		Pix 1152	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	3	TWO PAGE MODE					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
RADIUS DSPLY/21		Freq 68.38	80.0	Red	RedI		
		Pix 1072	810	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	4	WYSIWYG MODE -					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
TPD/21E		Freq 64.79	72.0	Red	RedI		
		Pix 1152	882	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		0357					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
TWO PAGE DSP/19		Freq 64.79	72.0	Red	RedI		
		Pix 1152	882	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		0218	MODE				

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
TWO PAGE DSP/21		Freq 64.79	72.0	Red	RedI		
		Pix 1152	882	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		0217					

APPLE-MODES		Horizontal	Vertical	Connector Pins			Grounds
TWO PAGE MONO		Freq 68.68	75.0	Red	RedI		
VARIOUS MODELS		Pix 1152	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		APPLE TWO PAGE					

APPLE/MAC		Horizontal	Vertical	Connector Pins			Grounds
MO298		Freq 35.00	66.7	Red	RedI		
		Pix 640	480	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype C	C	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

APPLE/MAC		Horizontal	Vertical	Connector Pins			Grounds
M0401		Freq 35.00	66.7	Red	RedI		
		Pix 640	480	Grn	GrnI		Ang Gnd:
Adapter#	5	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall: 10
Multimode							

APPLE/MAC		Horizontal	Vertical	Connector Pins			Grounds
M0404		Freq 68.85	75.0	Red	RedI		
PORTRAIT		Pix 640	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype -	-	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

APPLE/MAC		Horizontal	Vertical	Connector Pins			Grounds
M1024		Freq 50.00	75.0	Red	RedI		
		Pix 832	624	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype -	-	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

APPLE/MAC		Horizontal	Vertical	Connector Pins			Grounds
M1025		Freq 68.70	75.0	Red A1	RedI		
		Pix 1152	870	Grn	GrnI		Ang Gnd:
Adapter#	5	Fpor 0.32 (84)	0.044 (81)	Blu	BluI		17
Interlace	N	Bpor 1.44 (85)	0.568 (82)	Vsyn 2	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.28 (86)	0.044 (83)	Hsyn 6	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

APPLE/MAC		Horizontal	Vertical	Connector Pins			Grounds
M1030		Freq 68.85	75.0	Red A1	RedI		
		Pix 640	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 1.12 (84)	0.044 (81)	Blu	BluI		17
Interlace	N	Bpor 1.12 (85)	0.609 (82)	Vsyn 2	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.12 (86)	0.044 (83)	Hsyn 6	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

APPLE/MAC		Horizontal	Vertical	Connector Pins			Grounds
M1044		Freq 50.00	75.0	Red	RedI		
		Pix 832	624	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype -	-	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

APPLE/MAC		Horizontal	Vertical	Connector Pins			Grounds
M1198		Freq 35.00	66.7	Red	RedI		
		Pix 640	480	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype -	-	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

APPLE/MAC		Horizontal	Vertical	Connector Pins			Grounds
M1296	Freq	21.80	60.0	Red	RedI		
	Pix	640	350	Grn	GrnI		Ang Gnd:
Adapter#	5	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

APPLE/MAC		Horizontal	Vertical	Connector Pins			Grounds
M1297	Freq	35.00	67.0	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	5	Fpor	2.12 (84)	0.086 (81)	Blu	BluI	
Interlace	N	Bpor	3.17 (85)	1.12 (82)	Vsyn	Csyn	V3-
Video Type	A	Sync	2.12 (86)	0.09 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall: 10
Multimode							

APPLE/MAC		Horizontal	Vertical	Connector Pins			Grounds
M1298	Freq	50.00	75.0	Red 2	RedI		
	Pix	842	624	Grn 5	GrnI		Ang Gnd:
Adapter#	5	Fpor	(84)	(81)	Blu 9	BluI	1,6,11,13
Interlace	N	Bpor	(85)	(82)	Vsyn 12	Csyn 3	V3-
Video Type	A	Sync	(86)	(83)	Hsyn 15	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

APPLE/MAC		Horizontal	Vertical	Connector Pins			Grounds
M1299	Freq	24.48	60.1	Red	RedI		
	Pix	512	384	Grn	GrnI		Ang Gnd:
Adapter#	5	Fpor	0.5 (84)	0.1 (81)	Blu	BluI	
Interlace	N	Bpor	4.8 (85)	0.5 (82)	Vsyn	Csyn	V3-
Video Type	A	Sync	1 (86)	0.1 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	+	+	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

APPLE/MAC		Horizontal	Vertical	Connector Pins			Grounds
M5812	Freq	68.70	75.0	Red	RedI		
	Pix	1152	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall: 21
Multimode	N						

APPLE/MAC		Horizontal	Vertical	Connector Pins			Grounds
M5814	Freq	35.00	66.7	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	D	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N						

AT&T		Horizontal	Vertical	Connector Pins			Grounds
6300+	Freq	26.00	62.0	Red	RedI		
	Pix		400	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type		Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

AT&T		Horizontal	Vertical	Connector Pins			Grounds
313		Freq 25.80	57.5	Red 4	RedI 8		
		Pix 640	400	Grn 5	GrnI 7		Ang Gnd:
Adapter#		Fpor 3.166 (84)	0.001 (81)	Blu 6	BluI 9		2,14-19
Interlace	N	Bpor 4.418 (85)	0.618 (82)	Vsyn 3	Csyn	V3-	Dig Gnd:
Video Type	D	Sync 4.416 (86)	0.618 (83)	Hsyn 1	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		needs 15 volts on pin 25					

AT&T		Horizontal	Vertical	Connector Pins			Grounds
314		Freq 25.80	60.0	Red 4	RedI 8		
		Pix 640	400	Grn 5	GrnI 7		Ang Gnd:
Adapter#		Fpor 3.166 (84)	0.001 (81)	Blu 6	BluI 9		2,14-19
Interlace	N	Bpor 4.416 (85)	0.618 (82)	Vsyn 3	Csyn	V3-	Dig Gnd:
Video Type	D	Sync 4.418 (86)	0.618 (83)	Hsyn 1	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		needs 15 volts on pin 25					

AT&T		Horizontal	Vertical	Connector Pins			Grounds
318		Freq 25.80	60.0	Red 4	RedI 8		
		Pix 640	350	Grn 5	GrnI 7		Ang Gnd:
Adapter#		Fpor 3.2 (84)	0.97 (81)	Blu 6	BluI 9		2,14-19
Interlace	N	Bpor 4.4 (85)	1.58 (82)	Vsyn 3	Csyn	V3-	Dig Gnd:
Video Type	D	Sync 4.4 (86)	0.62 (83)	Hsyn 1	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

AT&T		Horizontal	Vertical	Connector Pins			Grounds
319		Freq 25.80	60.0	Red 4	RedI 8		
		Pix 640	400	Grn 5	GrnI 7		Ang Gnd:
Adapter#		Fpor 3.2 (84)	0.001 (81)	Blu 6	BluI 9		10,14-20
Interlace	N	Bpor 4.4 (85)	0.618 (82)	Vsyn 3	Csyn	V3-	Dig Gnd:
Video Type	D	Sync 4.4 (86)	0.618 (83)	Hsyn 1	V2+	V4+	
Color/Mono	C	Stype +	+	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	1	Connect pin 11 to gnd for this mode					

AT&T		Horizontal	Vertical	Connector Pins			Grounds
319		Freq 25.80	60.0	Red 4	RedI 8		
		Pix 640	350	Grn 5	GrnI 7		Ang Gnd:
Adapter#		Fpor 3.2 (84)	0.97 (81)	Blu 6	BluI 9		10,14-21
Interlace	N	Bpor 4.4 (85)	1.58 (82)	Vsyn 3	Csyn	V3-	Dig Gnd:
Video Type	D	Sync 4.4 (86)	0.62 (83)	Hsyn 1	V2+	V4+	
Color/Mono	C	Stype +	+	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	2	Connect +5V to pin 11 for this mode					

AT&T		Horizontal	Vertical	Connector Pins			Grounds
610		Freq 19.00	50.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#	1	Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall: 1
Multimode							

AT&T		Horizontal	Vertical	Connector Pins			Grounds
6300		Freq 25.80	60.0	Red	RedI		
		Pix	400	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

AT&T 6310		Horizontal Freq 25.80	Vertical Freq 59.9	Connector Pins			Grounds
		Pix 400	Pix 400	Red	RedI		
Adapter#		Fpor (84)	Fpor (81)	Grn	GrnI		Ang Gnd:
Interlace		Bpor (85)	Bpor (82)	Blu	BluI		
Video Type		Sync (86)	Sync (83)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono	M	Stype		Hsyn	V2+	V4+	
Multisync		Range		V1+	V2-	V4-	
Multimode				V1-	V3+		Recall:

AT&T 6310		Horizontal Freq 59.80	Vertical Freq 73.6	Connector Pins			Grounds
		Pix 1024	Pix 800	Red	RedI		
Adapter#		Fpor (84)	Fpor (81)	Grn	GrnI		Ang Gnd:
Interlace		Bpor (85)	Bpor (82)	Blu	BluI		
Video Type		Sync (86)	Sync (83)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono	C	Stype		Hsyn	V2+	V4+	
Multisync		Range		V1+	V2-	V4-	
Multimode				V1-	V3+		Recall:

AT&T 6312		Horizontal Freq 26.20	Vertical Freq 60.0	Connector Pins			Grounds
		Pix 400	Pix 400	Red	RedI		
Adapter#		Fpor (84)	Fpor (81)	Grn	GrnI		Ang Gnd:
Interlace		Bpor (85)	Bpor (82)	Blu	BluI		
Video Type		Sync (86)	Sync (83)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono	C	Stype		Hsyn	V2+	V4+	
Multisync		Range		V1+	V2-	V4-	
Multimode				V1-	V3+		Recall:

also 6386, 6500, 6529; 6538; 6539

AT&T 6539		Horizontal Freq 25.90	Vertical Freq 59.9	Connector Pins			Grounds
		Pix 640	Pix 400	Red 4	RedI		
Adapter#		Fpor 4 (84)	Fpor 2.01 (81)	Grn 5	GrnI		Ang Gnd:
Interlace	N	Bpor 4 (85)	Bpor 2.01 (82)	Blu 6	BluI		15,16
Video Type	D	Sync 4 (86)	Sync 2.01 (83)	Vsyn 2	Csyn	V3-	Dig Gnd:
Color/Mono	C	Stype		Hsyn 3	V2+	V4+	
Multisync		Range		V1+	V2-	V4-	
Multimode				V1-	V3+		Recall:

ATARI SC1224		Horizontal Freq 15.75	Vertical Freq 60.0	Connector Pins			Grounds
		Pix 650	Pix 242	Red 7	RedI		
Adapter#		Fpor 1 (84)	Fpor 0.19 (81)	Grn 6	GrnI		Ang Gnd:
Interlace	N	Bpor 4.5 (85)	Bpor 1.02 (82)	Blu 10	BluI		13
Video Type	A	Sync 5 (86)	Sync 0.19 (83)	Vsyn 12	Csyn 2	V3-	Dig Gnd:
Color/Mono		Stype		Hsyn 9	V2+	V4+	
Multisync		Range		V1+	V2-	V4-	
Multimode				V1-	V3+		Recall:

AYDIN 8810		Horizontal Freq 24.80	Vertical Freq 60.0	Connector Pins			Grounds
		Pix 640	Pix 384	Red	RedI		
Adapter#		Fpor (84)	Fpor (81)	Grn	GrnI		Ang Gnd:
Interlace	N	Bpor (85)	Bpor (82)	Blu	BluI		
Video Type		Sync (86)	Sync (83)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono		Stype		Hsyn	V2+	V4+	
Multisync		Range		V1+	V2-	V4-	
Multimode				V1-	V3+		Recall:

AYDIN 8834		Horizontal Freq 37.30	Vertical Freq 72.9	Connector Pins			Grounds
		Pix 512	Pix 480	Red	RedI		
Adapter#		Fpor 2.51 (84)	Fpor 0.054 (81)	Grn	GrnI		Ang Gnd:
Interlace	N	Bpor 3.07 (85)	Bpor 0.67 (82)	Blu	BluI		
Video Type		Sync 3.35 (86)	Sync 0.107 (83)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono		Stype		Hsyn	V2+	V4+	
Multisync		Range		V1+	V2-	V4-	
Multimode				V1-	V3+		Recall:

BURROUGHS		Horizontal	Vertical	Connector Pins			Grounds	
B20	Freq	19.80	60.0	Red	RedI			
	Pix			Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	Stype			V1+	V2-	V4-		
Multisync	Range			V1-	V3+		Recall:	
Multimode								
BURROUGHS		Horizontal	Vertical	Connector Pins			Grounds	
B25	Freq	22.20	60.0	Red	RedI			
	Pix			Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	Stype			V1+	V2-	V4-		
Multisync	Range			V1-	V3+		Recall:	
Multimode								
BURROUGHS		Horizontal	Vertical	Connector Pins			Grounds	
B28	Freq	22.20	60.0	Red	RedI			
	Pix			Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	M Stype			V1+	V2-	V4-		
Multisync	Range			V1-	V3+		Recall:	
Multimode								
CARDINAL		Horizontal	Vertical	Connector Pins			Grounds	
MM1230	Freq	31.50		Red	RedI			
VGA MONOCHROME	Pix	640	480	Grn	GrnI		Ang Gnd:	
Adapter#	4 Fpor	(84)	(81)	Blu	BluI			
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	M Stype			V1+	V2-	V4-		
Multisync	N Range		60-70	V1-	V3+		Recall: 7	
Multimode	Y VGA3							
CARDINAL		Horizontal	Vertical	Connector Pins			Grounds	
VIDEOCOLOR	Freq			Red	RedI			
VIDEOCOLOR	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Adapter#	4 Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range	35.1-48.3	56-87	V1-	V3+		Recall: 7-9, 28-30,	
Multimode		VGA, SVGA, 8514A INTERLACED IN 8514A MODE						
COMMODORE		Horizontal	Vertical	Connector Pins			Grounds	
1084	Freq	15.70	60.0	Red	RedI			
	Pix	640	250	Grn	GrnI		Ang Gnd:	
Adapter#	1 Fpor	(84)	(81)	Blu	BluI			
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	M Stype			V1+	V2-	V4-		
Multisync	Range			V1-	V3+		Recall: 0	
Multimode		works in Analog and Digital modes						
COMMODORE		Horizontal	Vertical	Connector Pins			Grounds	
2002	Freq	15.70	60.0	Red	RedI			
	Pix			Grn	GrnI		Ang Gnd:	
Adapter#	1 Fpor	(84)	(81)	Blu	BluI			
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	Stype			V1+	V2-	V4-		
Multisync	Range			V1-	V3+		Recall: 0	
Multimode								

COMPAQ		Horizontal	Vertical	Connector Pins			Grounds
420,420SC	Freq	31.50		Red	RedI		
VIDEO GRAPHICS	COLPix	720	400	Grn	GrnI		Ang Gnd:
Adapter#	5 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range		60/70	V1-	V3+		Recall: 4,5,6
Multimode	Y PGC,VGA,+						

COMPAQ		Horizontal	Vertical	Connector Pins			Grounds
441,442,443,444	Freq			Red	RedI		
151 FS COLOR	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-58		50-100	V1-	V3+		Recall:4-6,9,13,2
Multimode	N VESA,VGA,XGA,PINTERLACED IN 8514A MODE						

COMPAQ		Horizontal	Vertical	Connector Pins			Grounds
461,460	Freq			Red	RedI		
1024 COLOR	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range31.5-58		43/70	V1-	V3+		Recall:0,4,6,9,29
Multimode	Y CGA,PGC,VESA,8INTERLACED IN 8514A MODE						

COMPAQ		Horizontal	Vertical	Connector Pins			Grounds
470A	Freq	31.50		Red	RedI		
VGA COLOR	Pix	720	400	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range		60/70	V1-	V3+		Recall: 4,5,6
Multimode	Y PGC,VGA,+						

COMPAQ		Horizontal	Vertical	Connector Pins			Grounds
471,472	Freq			Red	RedI		
SVGA COLOR	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range31.5-58		43-60	V1-	V3+		Recall:0,2,4,6,29
Multimode	N CGA,PGC,VESA,8INTERLACED IN 8514A MODE						

COMPAQ		Horizontal	Vertical	Connector Pins			Grounds
Adv. Graphic	Freq	53.30	65.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

COMPAQ		Horizontal	Vertical	Connector Pins			Grounds
411	Freq	31.50		Red	RedI		
VGA MONOCHROME	Pix	720	400	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range		60/70	V1-	V3+		Recall: 4,5,6
Multimode	Y PGC,VGA,+						

COMPAQ 430		Horizontal	Vertical	Connector Pins			Grounds
	Freq	53.96	66.1	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	0.223 (84)	0.148 (81)	Blu	BluI	
Interlace	N	Bpor	1.563 (85)	0.667 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	2.456 (86)	0.074 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	1						

COMPAQ 430		Horizontal	Vertical	Connector Pins			Grounds
	Freq	31.47	59.9	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	0.318 (84)	0.095 (81)	Blu	BluI	
Interlace	N	Bpor	1.589 (85)	0.763 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	3.813 (86)	0.064 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	2						

COMPAQ 440		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
QVISION 150		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	4,6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5-58	50-100	V1-	V3+	Recall: 4,6,35
Multimode	N		IGA,PGC,VGA,+				

COMPAQ 450		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
QVISION 170		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	4,6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5-58	50-100	V1-	V3+	Recall:4,6,30,35
Multimode	N		VESA,IGA,PGC,V				

COMPAQ 450		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
QVISION 170		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	4,6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5/58	50-100	V1-	V3+	Recall: 7,30,35
Multimode	Y						

CONRAC 2680		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
10		Pix	700	524	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N						

CONRAC 7250		Horizontal	Vertical	Connector Pins			Grounds	
	Freq			Red	1	RedI	6-9	
	Pix	1024	1024	Grn	2	GrnI	Ang Gnd:	
Adapter#	3	Fpor	(84)	(81)	Blu	3	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	5	Csyn	4 V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	4	V2+	V4+
Color/Mono	C	Stype			V1+		V2-	V4-
Multisync	Y	Range	15.75-37	47-80	V1-	V3+	Recall: 0-8,10	
Multimode	1		ANALOG/TTL SWITCHABLE					

CONRAC		Horizontal	Vertical	Connector Pins			Grounds	
7250		Freq		Red	3	RedI	1	
	Adapter#	Pix	1024	1024	Grn	4	GrnI	6
	Interlace	Fpor	(84)	(81)	Blu	5	BluI	
	Video Type	Bpor	(85)	(82)	Vsyn	9	Csyn	8
	Color/Mono	Sync	(86)	(83)	Hsyn	8	V2+	V3-
	Multisync	Stype			V1+		V2-	V4+
	Multimode	Range	15.75-37	47-80	V1-		V3+	V4-
ANALOG/TTL SWITCHABLE								Recall: 0-8,10

CONRAC		Horizontal	Vertical	Connector Pins			Grounds	
7351		Freq	64.00	60.0	Red		RedI	
	Adapter#	Pix	1280	1024	Grn		GrnI	
	Interlace	Fpor	0.37 (84)	0.094 (81)	Blu		BluI	
	Video Type	Bpor	2.25 (85)	0.499 (82)	Vsyn		Csyn	V3-
	Color/Mono	Sync	1 (86)	0.047 (83)	Hsyn		V2+	V4+
	Multisync	Stype			V1+		V2-	V4-
	Multimode	Range			V1-		V3+	
ANALOG/TTL SWITCHABLE								Recall:

CORNERSTONE		Horizontal	Vertical	Connector Pins			Grounds	
COLOR 17		Freq			Red		RedI	
	Adapter#	Pix			Grn		GrnI	
	Interlace	Fpor	(84)	(81)	Blu		BluI	
	Video Type	Bpor	(85)	(82)	Vsyn		Csyn	V3-
	Color/Mono	Sync	(86)	(83)	Hsyn		V2+	V4+
	Multisync	Stype			V1+		V2-	V4-
	Multimode	Range	22-79	55-90	V1-		V3+	
ANALOG/TTL SWITCHABLE								Recall:

CORNERSTONE		Horizontal	Vertical	Connector Pins			Grounds	
COLOR 21		Freq			Red		RedI	
	Adapter#	Pix			Grn		GrnI	
	Interlace	Fpor	(84)	(81)	Blu		BluI	
	Video Type	Bpor	(85)	(82)	Vsyn		Csyn	V3-
	Color/Mono	Sync	(86)	(83)	Hsyn		V2+	V4+
	Multisync	Stype			V1+		V2-	V4-
	Multimode	Range	22-79	55-90	V1-		V3+	
ANALOG/TTL SWITCHABLE								Recall:

CORNERSTONE		Horizontal	Vertical	Connector Pins			Grounds	
DUAL PAGE 120		Freq	104.97	76.1	Red		RedI	
	Adapter#	Pix	1664	1340	Grn		GrnI	
	Interlace	Fpor	0 (84)	0.01 (81)	Blu		BluI	
	Video Type	Bpor	2.21 (85)	0.3 (82)	Vsyn		Csyn	V3-
	Color/Mono	Sync	0.98 (86)	0.07 (83)	Hsyn		V2+	V4+
	Multisync	Stype			V1+		V2-	V4-
	Multimode	Range			V1-		V3+	
ANALOG/TTL SWITCHABLE								Recall:

CORNERSTONE		Horizontal	Vertical	Connector Pins			Grounds	
DUALPAGE 120		Freq	105.00	76.0	Red		RedI	11,12,15-2
	Adapter#	Pix	1600	1280	Grn		GrnI	Ang Gnd:
	Interlace	Fpor	(84)	(81)	Blu		BluI	
	Video Type	Bpor	(85)	(82)	Vsyn	10	Csyn	V3- 3
	Color/Mono	Sync	(86)	(83)	Hsyn	13	V2+ 5	V4+ 1
	Multisync	Stype			V1+ 8	V2- 6	V4- 2	
	Multimode	Range			V1- 7	V3+ 4		Recall:
ECL VIDEO								

CORNERSTONE		Horizontal	Vertical	Connector Pins			Grounds	
DUALPAGE 150		Freq	105.00	67.0	Red		RedI	11,12,15-2
	Adapter#	Pix	2048	1536	Grn		GrnI	Ang Gnd:
	Interlace	Fpor	(84)	(81)	Blu		BluI	
	Video Type	Bpor	(85)	(82)	Vsyn	10	Csyn	V3- 3
	Color/Mono	Sync	(86)	(83)	Hsyn	13	V2+ 5	V4+ 1
	Multisync	Stype			V1+ 8	V2- 6	V4- 2	
	Multimode	Range			V1- 7	V3+ 4		Recall:
ECL VIDEO								

CORNERSTONE SINGLEPAGE XL		Horizontal	Vertical	Connector Pins			Grounds
	Freq	73.40	70.0	Red	RedI		3,4,5
	Pix	768	1008	Grn	GrnI		Ang Gnd:
Adapter#	ECL Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn 9	Csyn	V3-	Dig Gnd:
Video Type	E Sync	(86)	(83)	Hsyn 8	V2+ 2	V4+	
Color/Mono	M Stype			V1+ 1	V2- 7	V4-	
Multisync	N Range			V1- 6	V3+		Recall:
Multimode	N	ECL VIDEO					
CTX 1451/ES/GM		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-50		50-90	V1-	V3+		Recall:7-9,28-30,
Multimode	N VGA,SVGA,8514A	INTERLACED IN 8514A ONLY.					
CTX 1451/LR		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-50		50-90	V1-	V3+		Recall:
Multimode	N VGA,SVGA,XGA,V	INTERLACED IN 8514A MODE					
CTX 1461/LR		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-60		50-90	V1-	V3+		Recall:
Multimode	N VGA,SVGA,XGA,V	INTERLACED IN 8514A MODE					
CTX 1462ES/GM		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-62		50-90	V1-	V3+		Recall:7-9,28-30,
Multimode	N VGA,SVGA,8514A	INTERLACED IN 8514A ONLY.					
CTX 1560/LR		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4F Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-60		50-90	V1-	V3+		Recall:
Multimode	N VGA,SVGA,XGA,V	INTERLACED IN 8514A MODE					
CTX 1561/LR		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-60		50-90	V1-	V3+		Recall:
Multimode	N VGA,SVGA,XGA,V	INTERLACED IN 8514A MODE					

CTX 1562 ES/GM		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-62	50-90	V1-	V3+	Recall: 7-9,26
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A & 1280X1024 MODES.					

CTX 1565 ES/GM		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range			V1-	V3+	Recall: 7-9,26
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY.					

CTX 1760DF/LR		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4F	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-65	50-90	V1-	V3+	Recall:
Multimode	N	VGA, SVGA, XGA, VINTERLACED IN 8514A MODE					

CTX 1765 GM		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-65	50-90	V1-	V3+	Recall: 7-9,26
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY.					

CTX 1785 GM		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-85	50-90	V1-	V3+	Recall: 7-9,26
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY.					

CTX 5432/5439 VGA		Horizontal	Vertical	Connector Pins			Grounds
	Freq	31.46		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	N	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	Y	VGA					

CTX 5439A		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-35	50-90	V1-	V3+	Recall: 5-9
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A MODE					

CTX 6439/ES		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range30-35		50-90	V1-	V3+	Recall: 7-9
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY.					
CTX 6468/ES/GM		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range30-38		50-90	V1-	V3+	Recall: 7-9, 28, 28,
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY.					
CTX CPS-1460		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4, 5	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range30-60		50-100	V1-	V3+	Recall: 7-10
Multimode	N	SVGA, VGA, 8514/14" COLOR					
CTX CPS-1560		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4, 5	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range30-60		50-100	V1-	V3+	Recall: 7-10
Multimode	N	SVGA, VGA, 8514/15" COLOR					
CTX CPS-1760		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4, 5	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range30-65		50-100	V1-	V3+	Recall: 7-10
Multimode	N	SVGA, VGA, 8514/17" COLOR					
CTX CPS-1760		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4, 5	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range30-65		50-100	V1-	V3+	Recall: 7-10
Multimode	N	SVGA, VGA, 8514/21" COLOR					
CTX CTX-5468		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range28-38		50-90	V1-	V3+	Recall: 7, 8, 9
Multimode	N	SVGA, VGA, 8514/INTERLACED IN 1280 X 1024 MODE ONLY.					

CTX		Horizontal	Vertical	Connector Pins			Grounds
CTX-5468-LR		Freq		Red	RedI		
	Adapter#	1024	768	Grn	GrnI		Ang Gnd:
	Interface	(84)	(81)	Blu	BluI		
	Video Type	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	(86)	(83)	Hsyn	V2+	V4+	
	Multisync	Y Range28-38	50-90	V1+	V2-	V4-	
	Multimode	N SVGA,VGA,8514/INTERLACED IN 1280 X 1024 MODE ONLY.		V1-	V3+		Recall: 7,8,9

CTX		Horizontal	Vertical	Connector Pins			Grounds
CTX-5468-NI		Freq		Red	RedI		
	Adapter#	1024	768	Grn	GrnI		Ang Gnd:
	Interface	(84)	(81)	Blu	BluI		
	Video Type	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	(86)	(83)	Hsyn	V2+	V4+	
	Multisync	Y Range28-50	50-90	V1+	V2-	V4-	
	Multimode	N SVGA,VGA,8514/		V1-	V3+		Recall: 7,8,9,29

CTX		Horizontal	Vertical	Connector Pins			Grounds
CTX-5468A		Freq		Red	RedI		
	Adapter#	1024	768	Grn	GrnI		Ang Gnd:
	Interface	(84)	(81)	Blu	BluI		
	Video Type	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	(86)	(83)	Hsyn	V2+	V4+	
	Multisync	Y Range28-38	50-90	V1+	V2-	V4-	
	Multimode	N SVGA,VGA,8514/INTERLACED IN 1280 X 1024 MODE ONLY.		V1-	V3+		Recall: 7,8,9,29

CTX		Horizontal	Vertical	Connector Pins			Grounds
3436		Freq		Red	RedI		
MULTISCAN		Pix	1024	Grn	GrnI		Ang Gnd:
	Adapter#	(84)	(81)	Blu	BluI		
	Interface	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Video Type	(86)	(83)	Hsyn	V2+	V4+	
	Color/Mono	C Stype		V1+	V2-	V4-	
	Multisync	Y Range		V1-	V3+		Recall:
	Multimode	N MDA,CGA,EGA,85INTERLACED IN 8514A MODE.					

CTX-MODES		Horizontal	Vertical	Connector Pins			Grounds
MODE 0		Freq	31.50	Red	RedI		
VARIOUS MODELS		Pix	640	Grn	GrnI		Ang Gnd:
	Adapter#	0.64 (84)	1.18 (81)	Blu	BluI		
	Interface	N Bpor	1.91 (85)	Vsyn	Csyn	V3-	Dig Gnd:
	Video Type	A Sync	3.81 (86)	Hsyn	V2+	V4+	
	Color/Mono	C Stype	+	V1+	V2-	V4-	
	Multisync	Range		V1-	V3+		Recall: 5
	Multimode	VGA - 350					

CTX-MODES		Horizontal	Vertical	Connector Pins			Grounds
MODE 1		Freq	31.50	Red	RedI		
VARIOUS MODELS		Pix	640	Grn	GrnI		Ang Gnd:
	Adapter#	0.64 (84)	0.39 (81)	Blu	BluI		
	Interface	N Bpor	1.91 (85)	Vsyn	Csyn	V3-	Dig Gnd:
	Video Type	A Sync	3.81 (86)	Hsyn	V2+	V4+	
	Color/Mono	C Stype	-	V1+	V2-	V4-	
	Multisync	Range		V1-	V3+		Recall:
	Multimode	VGA - 400					

CTX-MODES		Horizontal	Vertical	Connector Pins			Grounds
MODE 11		Freq	37.80	Red	RedI		
VARIOUS MODELS		Pix	720	Grn	GrnI		Ang Gnd:
	Adapter#	0.75 (84)	0.238 (81)	Blu	BluI		
	Interface	N Bpor	4.5 (85)	Vsyn	Csyn	V3-	Dig Gnd:
	Video Type	A Sync	1.25 (86)	Hsyn	V2+	V4+	
	Color/Mono	C Stype	+	V1+	V2-	V4-	
	Multisync	Range		V1-	V3+		Recall:
	Multimode	VESA-400					

CTX-MODES		Horizontal	Vertical	Connector Pins			Grounds
MODE 12	Freq	37.90	72.8	Red	RedI		
VARIOUS MODELS	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.763 (84)	0.238 (81)	Blu	BluI		
Interlace	N Bpor	4.063 (85)	0.74 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.27 (86)	0.079 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	VESA-480						

CTX-MODES		Horizontal	Vertical	Connector Pins			Grounds
MODE 13	Freq	35.00	66.7	Red	RedI		
VARIOUS MODELS	Pix	783	480	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	1.77 (84)	0.094 (81)	Blu	BluI		
Interlace	N Bpor	3.2 (85)	1.12 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	2.1 (86)	0.086 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	MAC-II						

CTX-MODES		Horizontal	Vertical	Connector Pins			Grounds
MODE 14	Freq	63.70	60.0	Red	RedI		
VARIOUS MODELS	Pix	1306	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.732 (84)	0.001 (81)	Blu	BluI		
Interlace	N Bpor	2 (85)	0.581 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.018 (86)	0.079 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	+	+	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	COLOR 64K						

CTX-MODES		Horizontal	Vertical	Connector Pins			Grounds
MODE 2	Freq	31.50	60.0	Red	RedI		
VARIOUS MODELS	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.64 (84)	0.32 (81)	Blu	BluI		
Interlace	N Bpor	1.91 (85)	1.05 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	3.81 (86)	0.06 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall: 7
Multimode	VGA - 480						

CTX-MODES		Horizontal	Vertical	Connector Pins			Grounds
MODE 3	Freq	35.20	56.3	Red	RedI		
VARIOUS MODELS	Pix	800	600	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.666 (84)	0.028 (81)	Blu	BluI		
Interlace	N Bpor	3.556 (85)	0.626 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	2 (86)	0.057 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall: 8
Multimode	SVGA-I						

CTX-MODES		Horizontal	Vertical	Connector Pins			Grounds
MODE 4	Freq	35.50	87.0	Red	RedI		
VARIOUS MODELS	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.24 (84)	0.03 (81)	Blu	BluI		
Interlace	N Bpor	1.15 (85)	0.56 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	3.91 (86)	0.11 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	+	+	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	8514A						

CTX-MODES		Horizontal	Vertical	Connector Pins			Grounds
MODE 5	Freq	48.40	60.0	Red	RedI		
VARIOUS MODELS	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.369 (84)	0.063 (81)	Blu	BluI		
Interlace	N Bpor	2.462 (85)	0.6 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	2.092 (86)	0.124 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	8514NI						

CTX-MODES		Horizontal	Vertical	Connector Pins			Grounds
MODE 6	Freq	56.50	70.1	Red	RedI		
VARIOUS MODELS	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.321 (84)	0.054 (81)	Blu	BluI		
Interlace	N Bpor	1.92 (85)	0.513 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.813 (86)	0.106 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	VESA	1024					

CTX-MODES		Horizontal	Vertical	Connector Pins			Grounds
MODE 7	Freq	37.90	60.3	Red	RedI		
VARIOUS MODELS	Pix	800	600	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	1 (84)	0.026 (81)	Blu	BluI		
Interlace	N Bpor	2.2 (85)	0.607 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	3.2 (86)	0.106 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	+	+	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	SVGA-II						

CTX-MODES		Horizontal	Vertical	Connector Pins			Grounds
MODE 8	Freq	48.10	72.2	Red	RedI		
VARIOUS MODELS	Pix	800	600	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	1.12 (84)	0.77 (81)	Blu	BluI		
Interlace	N Bpor	1.28 (85)	0.478 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	2.4 (86)	0.125 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	+	+	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	SVGA-III						

CTX-MODES		Horizontal	Vertical	Connector Pins			Grounds
MODE 9	Freq	37.90	84.1	Red	RedI		
VARIOUS MODELS	Pix	640	350	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.763 (84)	0.925 (81)	Blu	BluI		
Interlace	N Bpor	4.063 (85)	1.638 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.27 (86)	0.079 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	+	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	VESA-350						

DAEWOO		Horizontal	Vertical	Connector Pins			Grounds
CMC-1412A/13A	Freq	31.50		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range		50-70	V1-	V3+		Recall: 5-7
Multimode	Y VGA						

DAEWOO		Horizontal	Vertical	Connector Pins			Grounds
CMC-1412AD/13AD	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range	31.5/35.6	50-90	V1-	V3+		Recall: 5-9
Multimode	Y VGA,SVGA,8514A		INTERLACED IN 8514A MODE.				

DAEWOO		Horizontal	Vertical	Connector Pins			Grounds
CMC-1414A/15A	Freq	31.50		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range		50-70	V1-	V3+		Recall: 5-7
Multimode	Y VGA						

DAEWOO		Horizontal	Vertical	Connector Pins			Grounds
CMC-1414AD/15AD		Freq		Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range	31.5/35.6	50-90	V1-	V3+	Recall: 5-9
Multimode	Y	VGA, SVGA, 8514A INTERLACED IN 8514A MODE.					

DAEWOO		Horizontal	Vertical	Connector Pins			Grounds
CMC-1417AE		Freq		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range		50-70	V1-	V3+	Recall: 5-7
Multimode	Y	VGA					

DAEWOO		Horizontal	Vertical	Connector Pins			Grounds
CMC-1418S		Freq		Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range	31.5/35.6	50-90	V1-	V3+	Recall: 5-9
Multimode	Y	VGA, SVGA, 8514A INTERLACED IN 8514A MODE.					

DAEWOO		Horizontal	Vertical	Connector Pins			Grounds
CMC-2100M		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-65	50-90	V1-	V3+	Recall: 5-10
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A MODE.					

DAEWOO		Horizontal	Vertical	Connector Pins			Grounds
CMC-2100M		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	60-65	50-85	V1-	V3+	Recall: 5-10
Multimode	N	VARIOUS 1280X1					

DARIUS		Horizontal	Vertical	Connector Pins			Grounds
VGA-1726		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-65	50-90	V1-	V3+	Recall: 5-10, +
Multimode	N	VGA, SVGA, IGA, 8 INTERLACED IN 8514A MODE.					

DAYTEK		Horizontal	Vertical	Connector Pins			Grounds
DT-14SV2/3		Freq		Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5/35.5	50-90	V1-	V3+	Recall:
Multimode	Y	VGA, SVGA, 8514A INTERLACED IN 8514A MODE					

DAYTEK		Horizontal	Vertical	Connector Pins			Grounds
DT-14TF		Freq		Red	RedI		
	Pix	720	350	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	18-20	50/60	V1-	V3+		Recall:
Multimode	Y	CGA,MDA,EGA					

DAYTEK		Horizontal	Vertical	Connector Pins			Grounds
DT-14VM		Freq	31.50	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range		50/60/70	V1-	V3+		Recall:
Multimode	Y	VGA					

DAYTEK		Horizontal	Vertical	Connector Pins			Grounds
DT-14WN4		Freq	31.50	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range		60/70	V1-	V3+		Recall:
Multimode	Y	VGA					

DAYTEK		Horizontal	Vertical	Connector Pins			Grounds	
DT-14XV		Freq		Red	RedI			
	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range	30-60	50-90	V1-	V3+		Recall:	
Multimode	N	VGA,SVGA,8514AINTERLACED IN 8514A MODE						

DAYTEK		Horizontal	Vertical	Connector Pins			Grounds	
DT-1730		Freq		Red	RedI			
	Pix	1280	1024	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range	30-65	50-90	V1-	V3+		Recall:	
Multimode	N	VGA,SVGA,8514AINTERLACED IN 8514A MODE						

DEC		Horizontal	Vertical	Connector Pins			Grounds	
GDM-1960		Freq	70.66	Red	RedI			
	Pix	1280	1024	Grn	GrnI		Ang Gnd:	
Adapter#	6 Fpor	0.267 (84)	0.042 (81)	Blu	BluI			
Interlace	N Bpor	1.87 (85)	0.467 (82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	1.33 (86)	0.042 (83)	Hsyn	V2+	V4+		
Color/Mono	C Stype	-	-	V1+	V2-	V4-		
Multisync	Y Range			V1-	V3+		Recall:	
Multimode	N							

DEC		Horizontal	Vertical	Connector Pins			Grounds	
GDM-1961		Freq	76.95	Red	RedI			
	Pix	1280	1024	Grn	GrnI		Ang Gnd:	
Adapter#	6 Fpor	0.25 (84)	0.03 (81)	Blu	BluI			
Interlace	N Bpor	1.75 (85)	0.43 (82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	1.22 (86)	0.03 (83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range			V1-	V3+		Recall:	
Multimode	N							

DEC		Horizontal	Vertical	Connector Pins			Grounds
VR150		Freq 54.00	60.0	Red	RedI		
		Pix 1024	864	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

DEC		Horizontal	Vertical	Connector Pins			Grounds
VR241		Freq 15.72	60.5	Red	RedI		
		Pix 800	240	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype -	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

DEC		Horizontal	Vertical	Connector Pins			Grounds
VR260		Freq 54.00	60.0	Red	RedI		
		Pix 1024	864	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 0.16 (84)	0.001 (81)	Blu	BluI		
Interlace	N	Bpor 1.68 (85)	0.629 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.85 (86)	0.056 (83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype -	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

DEC		Horizontal	Vertical	Connector Pins			Grounds
VR262		Freq 54.00	60.0	Red	RedI		
		Pix 1024	864	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.16 (84)	0.001 (81)	Blu	BluI		
Interlace	N	Bpor 1.69 (85)	0.629 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.85 (86)	0.056 (83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

DEC		Horizontal	Vertical	Connector Pins			Grounds
VR290		Freq 54.00	60.0	Red	RedI		
		Pix 1024	864	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 0.16 (84)	0.001 (81)	Blu	BluI		
Interlace	N	Bpor 1.68 (85)	0.629 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.85 (86)	0.056 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype G	G	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

DEC		Horizontal	Vertical	Connector Pins			Grounds
VR295		Freq 54.00	60.0	Red	RedI		
		Pix 1024	864	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

DEC		Horizontal	Vertical	Connector Pins			Grounds
VR297		Freq 54.00	60.0	Red	RedI		
		Pix 1024	864	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

DEC		Horizontal	Vertical	Connector Pins			Grounds
VR299		Freq	54.00	60.0	Red	RedI	
		Pix	1024	864	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.16 (84)	0.001 (81)	Blu	BluI	
Interlace	N	Bpor	1.68 (85)	0.629 (82)	Vsyn	Csyn	Dig Gnd:
Video Type	A	Sync	1.85 (86)	0.056 (83)	Hsyn	V2+	V3-
Color/Mono		Stype			V1+	V2-	V4+
Multisync		Range			V1-	V3+	V4-
Multimode							Recall:

DEC		Horizontal	Vertical	Connector Pins			Grounds
VR319CA		Freq	70.66	66.5	Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.27 (84)	0.042 (81)	Blu	BluI	
Interlace	N	Bpor	1.87 (85)	0.467 (82)	Vsyn	Csyn	Dig Gnd:
Video Type	A	Sync	1.34 (86)	0.042 (83)	Hsyn	V2+	V3-
Color/Mono		Stype			V1+	V2-	V4+
Multisync		Range			V1-	V3+	V4-
Multimode							Recall:

DEC		Horizontal	Vertical	Connector Pins			Grounds
VR319DA		Freq	77.17	72.6	Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.24 (84)	0.039 (81)	Blu	BluI	
Interlace	N	Bpor	1.71 (85)	0.428 (82)	Vsyn	Csyn	Dig Gnd:
Video Type	A	Sync	1.22 (86)	0.039 (83)	Hsyn	V2+	V3-
Color/Mono		Stype			V1+	V2-	V4+
Multisync		Range			V1-	V3+	V4-
Multimode							Recall:

DEC		Horizontal	Vertical	Connector Pins			Grounds
VR320DA		Freq	76.00	72.0	Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V3-
Color/Mono		Stype			V1+	V2-	V4+
Multisync		Range			V1-	V3+	V4-
Multimode	1						Recall:

DEC		Horizontal	Vertical	Connector Pins			Grounds
VR320DA		Freq	70.00	66.0	Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V3-
Color/Mono		Stype			V1+	V2-	V4+
Multisync		Range			V1-	V3+	V4-
Multimode	2						Recall:

DEC		Horizontal	Vertical	Connector Pins			Grounds
VRM17		Freq	77.12	72.6	Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.245 (84)	0.0389 (81)	Blu	BluI	
Interlace	N	Bpor	1.712 (85)	0.4278 (82)	Vsyn	Csyn	Dig Gnd:
Video Type	A	Sync	1.223 (86)	0.0389 (83)	Hsyn	V2+	V3-
Color/Mono		Stype			V1+	V2-	V4+
Multisync		Range			V1-	V3+	V4-
Multimode	1						Recall:

DEC		Horizontal	Vertical	Connector Pins			Grounds
VRM17		Freq	57.38	72.0	Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.215 (84)	0.0174 (81)	Blu	BluI	
Interlace	N	Bpor	1.72 (85)	0.3834 (82)	Vsyn	Csyn	Dig Gnd:
Video Type	A	Sync	1.72 (86)	0.105 (83)	Hsyn	V2+	V3-
Color/Mono		Stype			V1+	V2-	V4+
Multisync		Range			V1-	V3+	V4-
Multimode	2						Recall:

DEC		Horizontal	Vertical	Connector Pins			Grounds	
VRT16		Freq	70.70		66.5	Red	RedI	
		Pix	1280		1024	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.258 (84)	0.042 (81)	Blu	BluI		
Interlace	N	Bpor	1.87 (85)	0.467 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	1.34 (86)	0.042 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype			V1+	V2-	V4-	
Multisync		Range			V1-	V3+	Recall:	
Multimode								

DEC		Horizontal	Vertical	Connector Pins			Grounds	
VRT19-HA		Freq	77.17		72.6	Red	RedI	
GD		Pix	1280		1024	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.245 (84)	0.039 (81)	Blu	BluI		
Interlace	N	Bpor	1.71 (85)	0.428 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	1.223 (86)	0.039 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype	G	G	V1+	V2-	V4-	
Multisync		Range			V1-	V3+	Recall:	
Multimode	1							

DEC		Horizontal	Vertical	Connector Pins			Grounds	
VRT19-HA		Freq	70.66		66.5	Red	RedI	
GD		Pix	1280		1024	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.267 (84)	0.0424 (81)	Blu	BluI		
Interlace	N	Bpor	1.87 (85)	0.467 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	1.34 (86)	0.042 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype	G	G	V1+	V2-	V4-	
Multisync		Range			V1-	V3+	Recall:	
Multimode	2							

DEC		Horizontal	Vertical	Connector Pins			Grounds	
VT241		Freq	14.76		60.0	Red	RedI	
		Pix			225	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	2.96 (84)	0.174 (81)	Blu	BluI		
Interlace		Bpor	5.9 (85)	0.992 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	4.87 (86)	0.183 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype			V1+	V2-	V4-	
Multisync		Range			V1-	V3+	Recall:	
Multimode								

DEC		Horizontal	Vertical	Connector Pins			Grounds	
VT340		Freq	31.50		60.0	Red	RedI	
		Pix				Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI		
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype			V1+	V2-	V4-	
Multisync		Range			V1-	V3+	Recall:	
Multimode								

DEC		Horizontal	Vertical	Connector Pins			Grounds	
160		Freq	54.00		60.0	Red	RedI	
		Pix	1024		864	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI		
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype			V1+	V2-	V4-	
Multisync		Range			V1-	V3+	Recall:	
Multimode								

DELL		Horizontal	Vertical	Connector Pins			Grounds	
GPD-16C		Freq	63.60		59.6	Red	RedI	
		Pix	1280		1024	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI		
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype	-	-	V1+	V2-	V4-	
Multisync		Range			V1-	V3+	Recall:	12
Multimode	1							

DELL		Horizontal	Vertical	Connector Pins			Grounds
GPD-16C		Freq 49.90	60.0	Red	RedI		
	Pix 1024		768	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype -	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall: 11
Multimode	2						

DELL		Horizontal	Vertical	Connector Pins			Grounds
GPD-16C		Freq 31.50	60.0	Red	RedI		
	Pix 640		480	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype -	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall: 5,6,7
Multimode	3						

DELL		Horizontal	Vertical	Connector Pins			Grounds
GPD-19C		Freq		Red	RedI		
	Pix 1280 MAX		1024 MAX	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype C	C	V1+	V2-	V4-	
Multisync	Y	Range 30-64	50-90 AUTO	V1-	V3+		Recall:
Multimode	N						

DOTRONIX		Horizontal	Vertical	Connector Pins			Grounds
9VM1030/31/51		Freq 15.73	59.9	Red	RedI		
	Pix 325		242	Grn	GrnI		Ang Gnd:
Adapter#	BNC	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype -	-	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

DOTRONIX		Horizontal	Vertical	Connector Pins			Grounds
VPIx14CD/CE		Freq		Red	RedI		
"EGA MODE"		Pix 720	350	Grn	GrnI		Ang Gnd:
Adapter#	2	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range 21.8/15.8	60	V1-	V3+		Recall: 2
Multimode	Y	EGA	THIS MONITOR ALSO HAS A VGA MODE.				

DOTRONIX		Horizontal	Vertical	Connector Pins			Grounds
VPIx14CD/CV		Freq		Red	RedI		
"VGA MODE"		Pix 640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range 31.468	50/60/70	V1-	V3+		Recall: 5,7
Multimode	Y	VGA	THIS MONITOR ALSO HAS AN EGA MODE.				

DOTRONIX		Horizontal	Vertical	Connector Pins			Grounds
VPIx14MD/MV		Freq		Red	RedI		
"VGA MODE"		Pix 720	400	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync	Y	Range 31.468	47-50	V1-	V3+		Recall: 6
Multimode	Y	VGA	MD MONITOR ALSO HAS A MGA MODE.				

E-MACHINE		Horizontal	Vertical	Connector Pins			Grounds	
1108-DE16		Freq 60.20	74.9	Red	RedI			
		Pix 1024	768	Grn	GrnI		Ang Gnd:	
Adapter#	5	Fpor 0.4 (84)	0.05 (81)	Blu	BluI			
Interlace	N	Bpor 2.2 (85)	0.5 (82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A	Sync 1.2 (86)	0.05 (83)	Hsyn	V2+	V4+		
Color/Mono	M	Stype -	-	V1+	V2-	V4-		
Multisync		Range		V1-	V3+		Recall:	
Multimode		needs gender changer; same as Super Mac VCX						
E-MACHINE		Horizontal	Vertical	Connector Pins			Grounds	
3008-CP15		Freq 41.67	67.4	Red	RedI			
		Pix 768	576	Grn	GrnI		Ang Gnd:	
Adapter#	5?	Fpor 1 (84)	0.024 (81)	Blu	BluI			
Interlace	N	Bpor 2.2 (85)	0.89 (82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A	Sync 1.6 (86)	0.096 (83)	Hsyn	V2+	V4+		
Color/Mono		Stype		V1+	V2-	V4-		
Multisync		Range		V1-	V3+		Recall:	
Multimode								
E-MACHINE		Horizontal	Vertical	Connector Pins			Grounds	
GDM-1670		Freq 35.00	67.0	Red	RedI			
		Pix 640	480	Grn	GrnI		Ang Gnd:	
Adapter#	6	Fpor (84)	(81)	Blu	BluI			
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C	Stype G	G	V1+	V2-	V4-		
Multisync	N	Range		V1-	V3+		Recall: 10	
Multimode	1							
E-MACHINE		Horizontal	Vertical	Connector Pins			Grounds	
GDM-1670		Freq 50.00	75.0	Red	RedI			
		Pix 832	624	Grn	GrnI		Ang Gnd:	
Adapter#	6	Fpor (84)	(81)	Blu	BluI			
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C	Stype G	G	V1+	V2-	V4-		
Multisync	N	Range		V1-	V3+		Recall:	
Multimode	2							
E-MACHINE		Horizontal	Vertical	Connector Pins			Grounds	
GDM-1670		Freq 61.00	75.0	Red	RedI			
		Pix 1024	768	Grn	GrnI		Ang Gnd:	
Adapter#	6	Fpor (84)	(81)	Blu	BluI			
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C	Stype G	G	V1+	V2-	V4-		
Multisync	N	Range		V1-	V3+		Recall:	
Multimode	3							
E-MACHINE		Horizontal	Vertical	Connector Pins			Grounds	
Z-21		Freq 68.40	69.0	Red A2	RedI			
		Pix 1152	864	Grn	GrnI		Ang Gnd:	
Adapter#		Fpor (84)	(81)	Blu	BluI		4,5,6,9,10	
Interlace	N	Bpor (85)	(82)	Vsyn 1	Csyn	V3-	Dig Gnd:	
Video Type	A	Sync (86)	(83)	Hsyn 2	V2+	V4+		
Color/Mono	M	Stype		V1+	V2-	V4-		
Multisync		Range		V1-	V3+		Recall:	
Multimode	1							
E-MACHINE		Horizontal	Vertical	Connector Pins			Grounds	
Z-21		Freq 68.40	76.0	Red A2	RedI			
		Pix 1280	960	Grn	GrnI		Ang Gnd:	
Adapter#		Fpor (84)	(81)	Blu	BluI		4,5,6,9,10	
Interlace	N	Bpor (85)	(82)	Vsyn 1	Csyn	V3-	Dig Gnd:	
Video Type	A	Sync (86)	(83)	Hsyn 2	V2+	V4+		
Color/Mono	M	Stype		V1+	V2-	V4-		
Multisync		Range	69 or 76	V1-	V3+		Recall:	
Multimode	2							

E-MACHINE		Horizontal	Vertical	Connector Pins			Grounds
1008		Freq 50.50	60.0	Red	RedI		
		Pix 1024	808	Grn	GrnI		Ang Gnd:
Adapter#	ECL	Fpor (84)	(81)	Blu	BluI		3,7
Interlace	N	Bpor (85)	(82)	Vsyn 5	Csyn	V3-	Dig Gnd:
Video Type	E	Sync (86)	(83)	Hsyn 4	V2+	V4+	
Color/Mono	M	Stype		V1+ 1	V2-	V4-	
Multisync		Range		V1- 2	V3+		Recall:
Multimode							

EHMAN		Horizontal	Vertical	Connector Pins			Grounds
19MGM2		Freq 63.98	79.0	Red	RedI		
		Pix 1033	769	Grn	GrnI		Ang Gnd:
Adapter#	ECL	Fpor 0.432 (84)	0.015 (81)	Blu	BluI		7,8
Interlace	N	Bpor 2.59 (85)	0.433 (82)	Vsyn 4	Csyn	V3-	Dig Gnd:
Video Type	E	Sync 0.8 (86)	0.124 (83)	Hsyn 3	V2+	V4+	
Color/Mono	M	Stype		V1+ 1	V2-	V4-	
Multisync		Range		V1- 6	V3+		Recall:
Multimode							

EHMAN		Horizontal	Vertical	Connector Pins			Grounds
DM60-19A-09		Freq 63.90	64.0	Red	RedI		
		Pix 1280	960	Grn	GrnI		Ang Gnd:
Adapter#	ECL	Fpor (84)	(81)	Blu	BluI		7,8
Interlace	N	Bpor (85)	(82)	Vsyn 4	Csyn	V3-	Dig Gnd:
Video Type	E	Sync (86)	(83)	Hsyn 3	V2+	V4+	
Color/Mono	M	Stype		V1+ 1	V2-	V4-	
Multisync		Range		V1- 6	V3+		Recall:
Multimode							

Same as Hyundadai HDM-1900

ELECTROHOME		Horizontal	Vertical	Connector Pins			Grounds
ECM1311U		Freq	60.0	Red	RedI		
		Pix 645	480	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 1.6 (84)	0.38 (81)	Blu	BluI		
Interlace	N	Bpor 1.6 (85)	0.982 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 3.2 (86)	0.095 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range 15.75-31.5		V1-	V3+		Recall:
Multimode							

ETC		Horizontal	Vertical	Connector Pins			Grounds
CA-1460		Freq		Red	RedI		
14" NON-GLARE		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range 30-60	52-90	V1-	V3+		Recall: 6-9, 11, 28,
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY					

ETC		Horizontal	Vertical	Connector Pins			Grounds
CA-1460L		Freq		Red	RedI		
14" ANTISTATIC		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range 30-60	52-90	V1-	V3+		Recall: 6-9, 11, 28,
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY					

ETC		Horizontal	Vertical	Connector Pins			Grounds
CA-1464		Freq		Red	RedI		
14" MICRO-CONTROL		Pix 1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range 30-60	52-100	V1-	V3+		Recall: 6-9, 11, 28,
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY					

ETC		Horizontal		Vertical	Connector Pins			Grounds
CA-1464		Freq			Red	RedI		
	Pix	1280		1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype			V1+	V2-	V4-	
Multisync	Y	Range	30-65	52-120	V1-	V3+		Recall:6-9,28-32
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A MODE						

ETC		Horizontal		Vertical	Connector Pins			Grounds
CA-1464E/SP		Freq			Red	RedI		
VIEWMAGIC		Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype			V1+	V2-	V4-	
Multisync	Y	Range	30-61	50-120	V1-	V3+		Recall:6-9,28-32
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A MODE.						

ETC		Horizontal		Vertical	Connector Pins			Grounds
CA-1464L		Freq			Red	RedI		
	Pix	1280		1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype			V1+	V2-	V4-	
Multisync	Y	Range	30-65	52-120	V1-	V3+		Recall:6-9,28-32
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A MODE						

ETC		Horizontal		Vertical	Connector Pins			Grounds
CA-1560		Freq			Red	RedI		
15" NON-GLARE		Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype			V1+	V2-	V4-	
Multisync	Y	Range	30-60	52-90	V1-	V3+		Recall:6-9,11,28,
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY						

ETC		Horizontal		Vertical	Connector Pins			Grounds
CA-1560L		Freq			Red	RedI		
15" ANTISTATIC		Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype			V1+	V2-	V4-	
Multisync	Y	Range	30-60	52-90	V1-	V3+		Recall:6-9,11,28,
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY						

ETC		Horizontal		Vertical	Connector Pins			Grounds
CA-1565		Freq			Red	RedI		
15" MICRO-CONTROLL		Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype			V1+	V2-	V4-	
Multisync	Y	Range	30-65	52-100	V1-	V3+		Recall:6-9,11,28,
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY						

ETC		Horizontal		Vertical	Connector Pins			Grounds
CA-1565		Freq			Red	RedI		
	Pix	1280		1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype			V1+	V2-	V4-	
Multisync	Y	Range	30-65	52-120	V1-	V3+		Recall:6-9,28-32
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A MODE						

ETC		Horizontal	Vertical	Connector Pins			Grounds
CA-1565C/E	Freq			Red	RedI		
VIEWMAGIC	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-65		50-120	V1-	V3+		Recall:6-9,12,28-
Multimode	N	VGA,SVGA,VESA,INTERLACED IN 8514A MODE.					

ETC		Horizontal	Vertical	Connector Pins			Grounds
CA-1565CP/SP	Freq			Red	RedI		
VIEWMAGIC	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-65		50-120	V1-	V3+		Recall:6-9,12,28-
Multimode	N	VGA,SVGA,VESA,INTERLACED IN 8514A MODE.					

ETC		Horizontal	Vertical	Connector Pins			Grounds
CA-1565L	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-65		52-120	V1-	V3+		Recall:6-9,28-32
Multimode	N	VGA,SVGA,VESA,INTERLACED IN 8514A MODE					

ETC		Horizontal	Vertical	Connector Pins			Grounds
CA-1765CP/SP	Freq			Red	RedI		
VIEWMAGIC	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-65		50-120	V1-	V3+		Recall:6-9,12,28-
Multimode	N	VGA,SVGA,VESA,INTERLACED IN 8514A MODE.					

ETC		Horizontal	Vertical	Connector Pins			Grounds
CD-1035	Freq			Red	RedI		
VIEWMAGIC, 10"	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range31.5/35.5		50-90	V1-	V3+		Recall: 6-9,29
Multimode	Y	VGA,SVGA,VESA,INTERLACED IN 8514A MODE.					

EXEL		Horizontal	Vertical	Connector Pins			Grounds
2400	Freq	33.33	59.2	Red	RedI		
ELITE	Pix	632	522	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.75 (84)	0.3 (81)	Blu	BluI		
Interlace	N Bpor	3 (85)	0.84 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	2.55 (86)	0.09 (83)	Hsyn	V2+	V4+	
Color/Mono	M Stype	C	C	V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	N						

FOREFRONT		Horizontal	Vertical	Connector Pins			Grounds
MTS-9438	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-38		50-100	V1-	V3+		Recall:5-10,29,30
Multimode	N	VGA,SVGA,VESA,INTERLACED IN 8514A MODE.					

FOREFRONT		Horizontal	Vertical	Connector Pins			Grounds
MTS-9450		Freq		Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range30-50	50-100	V1-	V3+		Recall:5-10,29-32
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A MODE.					

FOREFRONT		Horizontal	Vertical	Connector Pins			Grounds
MTS-9457		Freq		Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range30-57	50-100	V1-	V3+		Recall:5-10,29-32
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A MODE.					

FOREFRONT		Horizontal	Vertical	Connector Pins			Grounds
MTS-9564, 9764		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range30-64	50-100	V1-	V3+		Recall:5-10,15,29
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A MODE.					

GATEWAY 2000		Horizontal	Vertical	Connector Pins			Grounds
CS1572 PS		Freq	76.0	Red	RedI		
CRYSTAL SCAN 1572		Pix	1280	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range30-64	50-100	V1-	V3+		Recall:5-15,28-36
Multimode	N						

GATEWAY 2000		Horizontal	Vertical	Connector Pins			Grounds
PVM-1448		Freq		Red	RedI		
CRYSTAL SCAN 1024		Pix	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:5-7,30,31
Multimode	Y	VGA, 48 kHz HI					

GOLDSTAR		Horizontal	Vertical	Connector Pins			Grounds
1423		Freq	31.50	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range	60/70	V1-	V3+		Recall:
Multimode	Y	VGA					

GOLDSTAR		Horizontal	Vertical	Connector Pins			Grounds
1453		Freq		Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range31.5/35.5	56/87	V1-	V3+		Recall:
Multimode	Y	VGA, SVGA, 8514A INTERLACED IN 8514A MODE					

GOLDSTAR		Horizontal	Vertical	Connector Pins			Grounds
1460	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range	31.5/35.5	56/87	V1-	V3+		Recall:
Multimode	Y	VGA, SVGA, 8514A INTERLACED IN 8514A MODE					

GOLDSTAR		Horizontal	Vertical	Connector Pins			Grounds
1465	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range	31.5/48	56/87	V1-	V3+		Recall:
Multimode	Y	VGA, SVGA, 8514A INTERLACED IN 8514A MODE					

GOLDSTAR		Horizontal	Vertical	Connector Pins			Grounds
1490	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-64	50-120	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A MODE					

GOLDSTAR		Horizontal	Vertical	Connector Pins			Grounds
1510	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-60	50-120	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A MODE					

GOLDSTAR		Horizontal	Vertical	Connector Pins			Grounds
1620	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-50	50-90	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A MODE					

GOLDSTAR		Horizontal	Vertical	Connector Pins			Grounds
1710	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-65	50-120	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A MODE					

GOLDSTAR		Horizontal	Vertical	Connector Pins			Grounds
1720	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-65	50-90	V1-	V3+		Recall:
Multimode	Y	VGA, SVGA, 8514A INTERLACED IN 8514A MODE					

HITACHI CM1528		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	28-64	47-104	V1-	V3+		Recall:
Multimode	N		15" COLOR				

HITACHI CM1586MU		Horizontal	Vertical	Connector Pins			Grounds	
	Freq			Red	RedI			
	Pix	1280	1024	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range	30-64	50-100	V1-	V3+		Recall:	
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY.						

HITACHI CM1797MUZ		Horizontal	Vertical	Connector Pins			Grounds	
	Freq			Red	RedI			
	Pix	1600	1200	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range	30-82	55-120	V1-	V3+		Recall:	
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY.						

HITACHI CM2073A		Horizontal	Vertical	Connector Pins			Grounds
	Freq	63.90	60.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.242 (84)	0.047 (81)	Blu	BluI		
Interlace	N Bpor	1.12 (85)	0.548 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	2.37 (86)	0.047 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode	N						

HITACHI CM2073A-5-515		Horizontal	Vertical	Connector Pins			Grounds
	Freq	48.80	60.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.344 (84)	0.123 (81)	Blu	BluI		
Interlace	N Bpor	2.6 (85)	0.676 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.5 (86)	0.123 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode	N						

HITACHI CM2073A-5-517		Horizontal	Vertical	Connector Pins			Grounds
	Freq	49.70	60.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.686 (84)	0.483 (81)	Blu	BluI		
Interlace	N Bpor	3.03 (85)	0.604 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.77 (86)	0.121 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode	N						

HITACHI CM2086A-3SG		Horizontal	Vertical	Connector Pins			Grounds
	Freq	64.00	60.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall: 12
Multimode	N						

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
CM2086A-A-LUX		Freq	48.80	60.0	Red	RedI	
	Adapter#	Pix	1024	768	Grn	GrnI	Ang Gnd:
	Interlace	Fpor	0.35 (84)	0.123 (81)	Blu	BluI	
	Video Type	Bpor	2.6 (85)	0.675 (82)	Vsyn	Csyn	V3- Dig Gnd:
	Color/Mono	Sync	1.5 (86)	0.123 (83)	Hsyn	V2+	V4+
	Multisync	Stype			V1+	V2-	V4-
	Multimode	Range			V1-	V3+	Recall:

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
CM2087MU		Freq			Red	RedI	
SUPERSCAN PRO20		Pix	1280	1024	Grn	GrnI	Ang Gnd:
	Adapter#	Fpor	(84)	(81)	Blu	BluI	
	Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
	Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+
	Color/Mono	Stype			V1+	V2-	V4-
	Multisync	Range	30-78	55-120	V1-	V3+	Recall:
	Multimode	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY.					

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
CM2095MU		Freq			Red	RedI	
SUPERSCAN 20S		Pix	1280	1024	Grn	GrnI	Ang Gnd:
	Adapter#	Fpor	(84)	(81)	Blu	BluI	
	Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
	Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+
	Color/Mono	Stype			V1+	V2-	V4-
	Multisync	Range	30-69	50-100	V1-	V3+	Recall:
	Multimode	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY.					

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
CM2187MU-514/515		Freq			Red	RedI	
	Adapter#	Pix	1600	1200	Grn	GrnI	Ang Gnd:
	Interlace	Fpor	(84)	(81)	Blu	BluI	
	Video Type	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
	Color/Mono	Sync	(86)	(83)	Hsyn	V2+	V4+
	Multisync	Stype			V1+	V2-	V4-
	Multimode	Range	30-78	50-100	V1-	V3+	Recall:
		VGA, SVGA, 8514A INTERLACED IN 8514A ONLY.					

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
CM2188MU-511		Freq			Red	RedI	
SUPERSCAN ELITE21		Pix	1600	1200	Grn	GrnI	Ang Gnd:
	Adapter#	Fpor	(84)	(81)	Blu	BluI	
	Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
	Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+
	Color/Mono	Stype			V1+	V2-	V4-
	Multisync	Range	30-85	50-150	V1-	V3+	Recall:
	Multimode	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY.					

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM-4115-FBA-0		Freq		60.0	Red	RedI	
	Adapter#	Pix	1280	1024	Grn	GrnI	Ang Gnd:
	Interlace	Fpor	(84)	(81)	Blu	BluI	
	Video Type	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
	Color/Mono	Sync	(86)	(83)	Hsyn	V2+	V4+
	Multisync	Stype			V1+	V2-	V4-
	Multimode	Range	61-64		V1-	V3+	Recall:

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM-4119		Freq	63.70	60.0	Red	RedI	
	Adapter#	Pix	1280	1024	Grn	GrnI	Ang Gnd:
	Interlace	Fpor	0.2 (84)	0.001 (81)	Blu	BluI	
	Video Type	Bpor	2 (85)	0.534 (82)	Vsyn	Csyn	V3- Dig Gnd:
	Color/Mono	Sync	1.6 (86)	0.047 (83)	Hsyn	V2+	V4+
	Multisync	Stype			V1+	V2-	V4-
	Multimode	Range			V1-	V3+	Recall:

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM-4119-D-DA-0	Freq	63.70	60.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM-4119-D-DA-0	Freq	63.70	60.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.2 (84)	0.001 (81)	Blu	BluI		
Interlace N	Bpor	2 (85)	0.534 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	1.6 (86)	0.047 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM-4119-D-DL-0	Freq	48.80	60.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	1 (84)	0.123 (81)	Blu	BluI		
Interlace N	Bpor	1.5 (85)	0.676 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	2 (86)	0.123 (83)	Hsyn	V2+	V4+	
Color/Mono C	Stype	-	-	V1+	V2-	V4-	
Multisync N	Range			V1-	V3+		Recall:
Multimode N							

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM-4119-D-DL-0	Freq	48.80	60.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM-4119-FDL-0	Freq	48.78	59.5	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter# 6	Fpor	1 (84)	0.123 (81)	Blu	BluI		
Interlace N	Bpor	1.5 (85)	0.676 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	2 (86)	0.123 (83)	Hsyn	V2+	V4+	
Color/Mono C	Stype			V1+	V2-	V4-	
Multisync N	Range			V1-	V3+		Recall:
Multimode N							

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM-4119-S-AA-01	Freq	63.70	60.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.23 (84)	0.031 (81)	Blu	BluI		
Interlace N	Bpor	1.5 (85)	0.518 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	2 (86)	0.094 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM-4419-D	Freq	63.70	60.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter# 6	Fpor	0.2 (84)	0.001 (81)	Blu	BluI		
Interlace N	Bpor	2 (85)	0.533 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	1.6 (86)	0.047 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM-4619-***A-***W		Freq	63.70	60.0	Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.2 (84)	0.001 (81)	Blu	BluI	
Interlace	N	Bpor	2 (85)	0.534 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type		Sync	1.6 (86)	0.047 (83)	Hsyn	V2+	V4+
Color/Mono		Stype		-	V1+	V2-	V4-
Multisync		Range	61-65	55-65	V1-	V3+	Recall:
Multimode	1						

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM-4619-***A-***W		Freq	63.70	60.0	Red	RedI	
		Pix	1024	1024	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.4 (84)	0.001 (81)	Blu	BluI	
Interlace	N	Bpor	2.7 (85)	0.534 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type		Sync	1.6 (86)	0.047 (83)	Hsyn	V2+	V4+
Color/Mono		Stype		-	V1+	V2-	V4-
Multisync		Range	61-65	55-65	V1-	V3+	Recall:
Multimode	2						

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM-4619-***C-***W		Freq	50.00	62.4	Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.5 (84)	0.04 (81)	Blu	BluI	
Interlace	N	Bpor	2 (85)	0.56 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	1.5 (86)	0.06 (83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync	N	Range	48-52	55-65	V1-	V3+	Recall:
Multimode	N						

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM3719A		Freq	32.00	60.7	Red	RedI	
		Pix	1024	800	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.25 (84)	0.094 (81)	Blu	BluI	
Interlace	Y	Bpor	2.2 (85)	0.75 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	1.5 (86)	0.094 (83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync	Y	Range		58-82	V1-	V3+	Recall:
Multimode				H Backporch = 2.2 to 4.75 uSec; H sync = 1.5 to 4 use			

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM4320		Freq			Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	47-52	55-80	V1-	V3+	Recall:
Multimode							

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM4320		Freq			Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	60-65	55-80	V1-	V3+	Recall:
Multimode							

HITACHI		Horizontal	Vertical	Connector Pins			Grounds
HM4320		Freq			Red	RedI	
		Pix			Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-36	55-80	V1-	V3+	Recall:
Multimode							

HITACHI HM4420-R		Horizontal	Vertical	Connector Pins			Grounds
	Freq	63.70	60.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.2 (84)	0.001 (81)	Blu	BluI		
Interlace	N Bpor	2 (85)	0.533 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.6 (86)	0.047 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

used on all 4400 series Hitachi monitors

HITACHI PS-20		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1600	1280	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-82		60-120	V1-	V3+		Recall:
Multimode	N VGA, SVGA, VESA,						

HITACHI 2110		Horizontal	Vertical	Connector Pins			Grounds
	Freq	68.68	75.0	Red	RedI		
	Pix	1152	870	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

Rastor outputs gray scale

HP 008398-001		Horizontal	Vertical	Connector Pins			Grounds
	Freq	50.52	60.0	Red	RedI		
	Pix	1024	800	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.942 (84)	0.079 (81)	Blu	BluI		
Interlace	N Bpor	1.88 (85)	0.079 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.88 (86)	0.673 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	G	G	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

Also 38 JFG36X/B, 48JFJ50X/B

HP 008399-003		Horizontal	Vertical	Connector Pins			Grounds
	Freq	62.50	66.8	Red	RedI		
	Pix	1152	900	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	1.28 (86)	0.16 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	+	+	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

HP 10700-XXX		Horizontal	Vertical	Connector Pins			Grounds
	Freq	73.70	68.2	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.256 (84)	0.0407 (81)	Blu	BluI		
Interlace	N Bpor	1.536 (85)	0.678 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	1.536 (86)	0.0407 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

HP 35721A		Horizontal	Vertical	Connector Pins			Grounds
	Freq	24.90	60.0	Red	RedI		
	Pix	720	390	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	3.26 (84)	0.043 (81)	Blu	BluI		
Interlace	N Bpor	3.96 (85)	0.647 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	3.14 (86)	0.324 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
35741A		Freq 24.90	60.0	Red	RedI		
		Pix 640	400	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 3.57 (84)	0.118 (81)	Blu	BluI		
Interlace	N	Bpor 4.28 (85)	0.744 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 2.85 (86)	0.118 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype -	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:

HP		Horizontal	Vertical	Connector Pins			Grounds
78510B		Freq 69.40	55.0	Red	RedI		
		Pix	1200	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 0.001 (84)	0.001 (81)	Blu	BluI		
Interlace	N	Bpor 0.001 (85)	0.23 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 2.7 (86)	0.691 (83)	Hsyn	V2+	V4+	
Color/Mono	N	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	N	REVERSE VERT AND HORIZ SYNC LINES					

HP		Horizontal	Vertical	Connector Pins			Grounds
8398-XXX		Freq 68.20	64.0	Red	RedI		
		Pix 1280	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.407 (84)	0.059 (81)	Blu	BluI		
Interlace	N	Bpor 1.9 (85)	0.498 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync 1.49 (86)	0.059 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
97060A		Freq 29.30	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
97062A		Freq 29.30	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
98543		Freq 25.50	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
98753A		Freq 47.70	60.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 1 (84)	0.063 (81)	Blu	BluI		
Interlace	N	Bpor 2 (85)	0.419 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 2 (86)	0.084 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	N						

HP		Horizontal	Vertical	Connector Pins			Grounds
98754A		Freq 63.34	60.0	Red	RedI		
		Pix 1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 0.407 (84)	0.047 (81)	Blu	BluI		
Interlace	N	Bpor 1.85 (85)	0.41 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.7 (86)	0.047 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

HP		Horizontal	Vertical	Connector Pins			Grounds
98774A		Freq 78.13	72.0	Red	RedI		
		Pix 1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 0.474 (84)	0.038 (81)	Blu	BluI		
Interlace	N	Bpor 1.42 (85)	0.704 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.42 (86)	0.038 (83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype G	G	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

HP		Horizontal	Vertical	Connector Pins			Grounds
98785A		Freq 47.70	60.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 1 (84)	0.063 (81)	Blu	BluI		
Interlace	N	Bpor 2 (85)	0.419 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 2 (86)	0.084 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

HP		Horizontal	Vertical	Connector Pins			Grounds
98786A		Freq 47.70	60.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 1 (84)	0.063 (81)	Blu	BluI		
Interlace	N	Bpor 2 (85)	0.419 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 2 (86)	0.084 (83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

HP		Horizontal	Vertical	Connector Pins			Grounds
98788A		Freq 63.34	60.0	Red	RedI		
		Pix 1280	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.407 (84)	0.047 (81)	Blu	BluI		
Interlace	N	Bpor 1.85 (85)	0.41 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.7 (86)	0.047 (83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

HP		Horizontal	Vertical	Connector Pins			Grounds
98789A		Freq 63.34	60.0	Red	RedI		
		Pix 1280	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.407 (84)	0.047 (81)	Blu	BluI		
Interlace	N	Bpor 1.85 (85)	0.41 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.7 (86)	0.047 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

HP		Horizontal	Vertical	Connector Pins			Grounds
A1097		Freq 78.10	72.0	Red	RedI		
		Pix 1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 0.474 (84)	0.038 (81)	Blu	BluI		
Interlace	N	Bpor 1.42 (85)	0.704 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.42 (86)	0.038 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

HP		Horizontal	Vertical	Connector Pins			Grounds
A1497	Freq	62.90	74.9	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.756 (84)	0.064 (81)	Blu	BluI		
Interlace	N Bpor	1.51 (85)	1.02 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.51 (86)	0.064 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	N						

HP		Horizontal	Vertical	Connector Pins			Grounds
A2088A	Freq	78.10	72.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.474 (84)	0.038 (81)	Blu	BluI		
Interlace	N Bpor	1.42 (85)	0.704 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.42 (86)	0.038 (83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
A2094	Freq	78.10	72.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.474 (84)	0.038 (81)	Blu	BluI		
Interlace	N Bpor	1.42 (85)	0.704 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.42 (86)	0.038 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
A2287	Freq	62.90	74.9	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.756 (84)	0.064 (81)	Blu	BluI		
Interlace	N Bpor	1.51 (85)	1.02 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.51 (86)	0.064 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	N						

HP		Horizontal	Vertical	Connector Pins			Grounds
DM560	Freq	33.80	78.0	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
DM600	Freq	32.60	60.0	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
HP-150A	Freq	23.60	60.0	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
HP-150II		Freq 25.50	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
HP-2392AM		Freq 24.20	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
HP-2394A		Freq 24.20	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
HP-2397A		Freq 31.50	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
HP-2621		Freq 24.90	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
HP-2627		Freq 31.50	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
HP-2645		Freq 18.70	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
HP-340		Freq 64.50	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
HP-45		Freq 29.10	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
360		Freq 64.00	78.4	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
2500		Freq 64.00	64.8	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
3500		Freq 64.00		Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range	60-70	V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
3500		Freq 64.00		Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range	60-70	V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
3550		Freq 64.00		Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range	60-64	V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
3550		Freq 64.00		Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range	60-64	V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
4500		Freq 64.00		Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range	60-76	V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
4500		Freq 64.00		Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range	60-76	V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
8399		Freq 68.20	64.0	Red	RedI		
		Pix 1280	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.407 (84)	0.0586 (81)	Blu	BluI		
Interlace	N	Bpor 1.9 (85)	0.498 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D	Sync 1.49 (86)	0.0586 (83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype +	+	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N		APOLLO 19" ECL				

HP		Horizontal	Vertical	Connector Pins			Grounds
10000		Freq 64.00	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
10000		Freq 64.00	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
15177		Freq 75.00	70.0	Red	RedI		
		Pix 1280	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.256 (84)	0.04 (81)	Blu	BluI		
Interlace	N	Bpor 1.536 (85)	0.56 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync 1.28 (86)	0.04 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

HP		Horizontal	Vertical	Connector Pins			Grounds
	Freq	64.00	75.9	Red	RedI		
	Pix	1024	800	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.745 (84)	0.0625 (81)	Blu	BluI		
Interlace	N Bpor	1.489 (85)	0.5316 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D Sync	1.489 (86)	0.06254 (83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	N	APOLLO 15"					

HYUNDAI		Horizontal	Vertical	Connector Pins			Grounds
HMM-1900	Freq	63.90	64.0	Red	RedI		
	Pix	1280	960	Grn	GrnI		Ang Gnd:
Adapter#	ECL Fpor	(84)	(81)	Blu	BluI		7,8
Interlace	N Bpor	(85)	(82)	Vsyn 4	Csyn	V3-	Dig Gnd:
Video Type	E Sync	(86)	(83)	Hsyn 3	V2+	V4+	
Color/Mono	M Stype			V1+ 1	V2-	V4-	
Multisync	N Range			V1- 6	V3+		Recall:
Multimode	N						

HYUNDAI		Horizontal	Vertical	Connector Pins			Grounds
HMM1401	Freq	18.40	50.0	Red	RedI		
	Pix	720	350	Grn	GrnI		Ang Gnd:
Adapter#	1 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall: 1
Multimode	N	MDA, HERCULES					

HYUNDAI		Horizontal	Vertical	Connector Pins			Grounds
HMM1404	Freq	18.40	50.0	Red	RedI		
	Pix	720	350	Grn	GrnI		Ang Gnd:
Adapter#	1 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall: 1
Multimode	N	MDA, HERCULES					

IBM		Horizontal	Vertical	Connector Pins			Grounds
14P/PT	Freq			Red	RedI		
14" COLOR	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-64		50-90	V1-	V3+		Recall:6-9,11,31,
Multimode	N	VGA,SVGA,XGA,8INTERLACED IN 8514A MODE. PT = TOUCH SCREEN.					

IBM		Horizontal	Vertical	Connector Pins			Grounds
14V	Freq			Red	RedI		
14" COLOR	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-64		50-90	V1-	V3+		Recall:6-9,11,31,
Multimode	N	VGA,SVGA,XGA,8INTERLACED IN 8514A MODE.					

IBM		Horizontal	Vertical	Connector Pins			Grounds
15P/PT	Freq			Red	RedI		
15" COLOR	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-64		50-90	V1-	V3+		Recall:6-9,11,31,
Multimode	N	VGA,SVGA,XGA,8INTERLACED IN 8514A MODE. PT = TOUCH SCREEN.					

IBM		Horizontal	Vertical	Connector Pins			Grounds
17P/PT	Freq			Red	RedI		
17" COLOR	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-82	50-90	V1-	V3+		Recall:6-9,11,31,
Multimode	N VGA,SVGA,XGA,8	INTERLACED IN 8514A MODE.			PT= TOUCH	SCREEN	

IBM		Horizontal	Vertical	Connector Pins			Grounds
17V	Freq			Red	RedI		
17" COLOR	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-64	50-90	V1-	V3+		Recall:6-9,11,31,
Multimode	N VGA,SVGA,XGA,8	INTERLACED IN 8514A MODE.					

IBM		Horizontal	Vertical	Connector Pins			Grounds
21P/PT	Freq			Red	RedI		
21" COLOR	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-82	50-90	V1-	V3+		Recall:6-9,11,31,
Multimode	N VGA,SVGA,XGA,8	INTERLACED IN 8514A MODE.			PT= TOUCH	SCREEN	

IBM		Horizontal	Vertical	Connector Pins			Grounds
3179-2	Freq	25.50	60.5	Red	RedI		
	Pix	640	362	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	1.5 (84)	0.6 (81)	Blu	BluI		
Interlace	N Bpor	1.96 (85)	1.26 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	4.29 (86)	0.47 (83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	N						

IBM		Horizontal	Vertical	Connector Pins			Grounds
3179G	Freq	25.00	60.0	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	N						

IBM		Horizontal	Vertical	Connector Pins			Grounds
3192G	Freq	26.60	60.0	Red 15	RedI		
	Pix			Grn 16	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu 17	BluI		1,2,3
Interlace	N Bpor	(85)	(82)	Vsyn 22	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn 21	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	N						

IBM		Horizontal	Vertical	Connector Pins			Grounds
3193C	Freq	50.60	80.0	Red 23	RedI 24		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		7
Interlace	Y Bpor	(85)	(82)	Vsyn 22	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn 21	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
3193M		50.60	80.0	Red 23	RedI 24		
Adapter#		Fpor		Grn	GrnI		Ang Gnd:
Interface	Y	Bpor	(84)	Blu	BluI		7
Video Type		Sync	(85)	Vsyn 22	Csyn	V3-	Dig Gnd:
Color/Mono	M	Stype	(86)	Hsyn 21	V2+	V4+	
Multisync		Range		V1+	V2-	V4-	
Multimode				V1-	V3+		Recall:

IBM		Horizontal	Vertical	Connector Pins			Grounds
3194M		24.00	60.0	Red	RedI		
Adapter#		Fpor	(84)	Grn	GrnI		Ang Gnd:
Interface		Bpor	(85)	Blu	BluI		
Video Type		Sync	(86)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono	M	Stype		Hsyn	V2+	V4+	
Multisync		Range		V1+	V2-	V4-	
Multimode				V1-	V3+		Recall:

IBM		Horizontal	Vertical	Connector Pins			Grounds
3197C		27.70	65.0	Red 15	RedI		2
Adapter#		Fpor	(84)	Grn 16	GrnI		Ang Gnd:
Interface		Bpor	(85)	Blu 17	BluI		10
Video Type		Sync	(86)	Vsyn 22	Csyn	V3-	Dig Gnd:
Color/Mono		Stype		Hsyn 21	V2+	V4+	
Multisync		Range		V1+	V2-	V4-	
Multimode				V1-	V3+		Recall:

IBM		Horizontal	Vertical	Connector Pins			Grounds
3197D		33.80	60.0	Red 15	RedI		10
Adapter#		Fpor	(84)	Grn 16	GrnI		Ang Gnd:
Interface		Bpor	(85)	Blu 17	BluI		2
Video Type		Sync	(86)	Vsyn 22	Csyn	V3-	Dig Gnd:
Color/Mono		Stype		Hsyn 21	V2+	V4+	
Multisync		Range		V1+	V2-	V4-	
Multimode				V1-	V3+		Recall:

If Monochrome video signal on pin #16

IBM		Horizontal	Vertical	Connector Pins			Grounds
3270PC		23.60	63.0	Red	RedI		
Adapter#		Fpor	(84)	Grn	GrnI		Ang Gnd:
Interface	N	Bpor	(85)	Blu	BluI		
Video Type		Sync	(86)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono		Stype		Hsyn	V2+	V4+	
Multisync		Range		V1+	V2-	V4-	
Multimode	N			V1-	V3+		Recall:

IBM		Horizontal	Vertical	Connector Pins			Grounds
3270PCAT		23.50	63.0	Red	RedI		
Adapter#		Fpor	(84)	Grn	GrnI		Ang Gnd:
Interface	N	Bpor	(85)	Blu	BluI		
Video Type		Sync	(86)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono		Stype		Hsyn	V2+	V4+	
Multisync		Range		V1+	V2-	V4-	
Multimode	N			V1-	V3+		Recall:

IBM		Horizontal	Vertical	Connector Pins			Grounds
3270PCG		24.00	82.0	Red	RedI		
Adapter#		Fpor	(84)	Grn	GrnI		Ang Gnd:
Interface		Bpor	(85)	Blu	BluI		
Video Type		Sync	(86)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono	C	Stype		Hsyn	V2+	V4+	
Multisync		Range		V1+	V2-	V4-	
Multimode				V1-	V3+		Recall:

IBM		Horizontal	Vertical	Connector Pins			Grounds
3270PCGX		Freq 60.90	57.3	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
3279-(3A) (3B)		Freq 15.70	69.2	Red 15	RedI		
		Pix 712	433	Grn 17	GrnI		Ang Gnd:
Adapter#	6	Fpor 3.25 (84)	0.191 (81)	Blu 19	BluI		
Interlace	Y	Bpor 6.2 (85)	0.954 (82)	Vsyn 1	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 3.25 (86)	0.191 (83)	Hsyn 5	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
6091-016		Freq 61.10	75.8	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	1	XGA75 mode					

IBM		Horizontal	Vertical	Connector Pins			Grounds
6091-016		Freq 63.16	73.4	Red	RedI		
		Pix 1104	828	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	2	DOUBLE DOT VGA mode					

IBM		Horizontal	Vertical	Connector Pins			Grounds
6091-016		Freq 63.63	60.3	Red	RedI		
		Pix 1280	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	3	6090, RS/6000, and ISTATION 120,130 mode					

IBM		Horizontal	Vertical	Connector Pins			Grounds
6091-016		Freq 81.32	77.0	Red	RedI		
		Pix 1280	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	4	ISO-COMPATIBLE 1280 X 1024 mode					

IBM		Horizontal	Vertical	Connector Pins			Grounds
3101		Freq 15.10	70.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

IBM		Horizontal	Vertical	Connector Pins			Grounds
3104		Freq 15.10	70.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interface	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	N						

IBM		Horizontal	Vertical	Connector Pins			Grounds
3151		Freq 27.60	67.5	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interface		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
3161		Freq 27.60	64.8	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interface		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
3162		Freq 25.70	64.9	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interface		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
3163		Freq 27.60	64.8	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interface		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
3164		Freq 27.80	65.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interface		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
3178		Freq 15.40	70.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interface	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	N						

IBM		Horizontal	Vertical	Connector Pins			Grounds
3179		Freq 23.00	60.0	Red 24	RedI		4,5,10-12
MODEL 2		Pix 640	350	Grn 23	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 22	BluI		
Interlace	M	Bpor (85)	(82)	Vsyn 17	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 18	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
3180		Freq 20.00	83.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
3191		Freq 27.60	64.9	Red 16	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		1
Interlace		Bpor (85)	(82)	Vsyn 22	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn 21	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
3192		Freq 33.30	60.0	Red	RedI		
		Pix		Grn 16	GrnI 15		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		3
Interlace		Bpor (85)	(82)	Vsyn 22	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn 21	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

Monochrome monitor

IBM		Horizontal	Vertical	Connector Pins			Grounds
3192		Freq 33.30	60.0	Red 15	RedI		
		Pix		Grn 16	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 17	BluI		1,2,3
Interlace		Bpor (85)	(82)	Vsyn 22	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn 21	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

Color monitor

IBM		Horizontal	Vertical	Connector Pins			Grounds
3194		Freq 24.00	60.0	Red 2	RedI 9		
		Pix		Grn 4	GrnI 6		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 13	BluI 15		5,7
Interlace		Bpor (85)	(82)	Vsyn 10	Csyn	V3-	Dig Gnd:
Video Type	D	Sync (86)	(83)	Hsyn 11	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
3196		Freq 27.60	65.0	Red	RedI		
		Pix		Grn 16	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		1
Interlace		Bpor (85)	(82)	Vsyn 22	Csyn	V3-	Dig Gnd:
Video Type	D	Sync (86)	(83)	Hsyn 21	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM 3241		Horizontal 28.00	Vertical 65.0	Connector Pins			Grounds
		Freq		Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interface		Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type		Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	N						

IBM 3276		Horizontal 16.40	Vertical 80.0	Connector Pins			Grounds
		Freq		Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interface	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type		Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	N						

IBM 3277		Horizontal 11.30	Vertical 50.0	Connector Pins			Grounds
		Freq		Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interface	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type		Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	N						

IBM 3278		Horizontal 16.40	Vertical 80.0	Connector Pins			Grounds
		Freq		Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interface	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type		Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	N						

IBM 3279		Horizontal 15.70	Vertical 92.0	Connector Pins			Grounds
		Freq		Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interface	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type		Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	N						

IBM 3290		Horizontal 24.00	Vertical 60.0	Connector Pins			Grounds
		Freq		Red 2	RedI 9		
		Pix		Grn 4	GrnI 6		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu 13	BluI 15	5,7
Interface		Bpor	(85)	(82)	Vsyn 10	Csyn	V3-
Video Type		Sync	(86)	(83)	Hsyn 11	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

IBM 3291		Horizontal 24.00	Vertical 60.0	Connector Pins			Grounds
		Freq		Red 2	RedI 9		
		Pix		Grn 4	GrnI 6		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu 13	BluI 15	5,7
Interface		Bpor	(85)	(82)	Vsyn 10	Csyn	V3-
Video Type	D	Sync	(86)	(83)	Hsyn 11	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
3472		Freq 38.00	68.0	Red 26	RedI 25		9-13
		Pix		Grn 28	GrnI 27		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 24	BluI 23		
Interlace	N	Bpor (85)	(82)	Vsyn 22	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn 20	V2+	V4+	
Color/Mono		Stype -	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	N						

IBM		Horizontal	Vertical	Connector Pins			Grounds
3476		Freq 28.00	65.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn 22	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	N						

IBM		Horizontal	Vertical	Connector Pins			Grounds
3477		Freq 38.00	65.0	Red 26	RedI 25		9-13
		Pix		Grn 28	GrnI 27		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 24	BluI 23		
Interlace	N	Bpor (85)	(82)	Vsyn 22	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn 20	V2+	V4+	
Color/Mono		Stype -	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	N						

IBM		Horizontal	Vertical	Connector Pins			Grounds
4704		Freq 21.20	60.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	N						

IBM		Horizontal	Vertical	Connector Pins			Grounds
4863		Freq 15.75	60.0	Red	RedI		
		Pix 640	200	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

IBM		Horizontal	Vertical	Connector Pins			Grounds
5080		Freq 69.90	50.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
5081		Freq 63.36	60.0	Red	RedI		
Models 11, 12		Pix 1024	1024	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 0.235 (84)	0.047 (81)	Blu	BluI		
Interlace	N	Bpor 2.275 (85)	0.41 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.794 (86)	0.047 (83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype G	G	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

IBM 5081 Models 1,2		Horizontal	Vertical	Connector Pins			Grounds
	Freq	52.80	50.0	Red	RedI		
	Pix	1024	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.43 (84)	0.057 (81)	Blu	BluI		
Interface	M Bpor	2.58 (85)	0.492 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	2.15 (86)	0.057 (83)	Hsyn	V2+	V4+	
Color/Mono	M Stype	G	G	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:

IBM 5144		Horizontal	Vertical	Connector Pins			Grounds
	Freq	15.75	60.0	Red	RedI		
	Pix	640	200	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interface	M Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	N						

IBM 5145		Horizontal	Vertical	Connector Pins			Grounds
	Freq	15.70	60.0	Red A5	RedI A6		
	Pix	320	200	Grn A7	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu A4	BluI		A2, B5
Interface	Bpor	(85)	(82)	Vsyn B1	Csyn	V3-	Dig Gnd:
Video Type	D Sync	(86)	(83)	Hsyn B3	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

IBM 5151		Horizontal	Vertical	Connector Pins			Grounds
	Freq	18.43	50.0	Red	RedI		
	Pix	720	350	Grn	GrnI		Ang Gnd:
Adapter#	1 Fpor	(84)	(81)	Blu	BluI		
Interface	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall: 1
Multimode	N MDA						

IBM 5153		Horizontal	Vertical	Connector Pins			Grounds
	Freq	15.75	60.0	Red	RedI		
	Pix	640	200	Grn	GrnI		Ang Gnd:
Adapter#	1 Fpor	(84)	(81)	Blu	BluI		
Interface	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall: 0
Multimode	N						

IBM 5154		Horizontal	Vertical	Connector Pins			Grounds
	Freq	15.75	60.0	Red	RedI		
	Pix	640	200	Grn	GrnI		Ang Gnd:
Adapter#	2 Fpor	(84)	(81)	Blu	BluI		
Interface	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall: 2
Multimode	1						

IBM 5154		Horizontal	Vertical	Connector Pins			Grounds
	Freq	21.80	60.0	Red	RedI		
	Pix	640	350	Grn	GrnI		Ang Gnd:
Adapter#	2 Fpor	(84)	(81)	Blu	BluI		
Interface	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall: 2
Multimode	2						

IBM		Horizontal	Vertical	Connector Pins			Grounds
5175		Freq 30.12	60.0	Red	RedI		
		Pix 640	480	Grn	GrnI		Ang Gnd:
Adapter#	3	Fpor (84)	(81)	Blu	BluI		
Interface	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall: 4
Multimode	N						

IBM		Horizontal	Vertical	Connector Pins			Grounds
5272		Freq 23.61	63.0	Red 7	RedI		2,4
		Pix 720	350	Grn 5	GrnI		Ang Gnd:
Adapter#		Fpor 1.66 (84)	0.169 (81)	Blu 6	BluI		
Interface	N	Bpor 3.32 (85)	0.762 (82)	Vsyn 9	Csyn	V3-	Dig Gnd:
Video Type	D	Sync 4.15 (86)	0.127 (83)	Hsyn 8	V2+	V4+	
Color/Mono	C	Stype -	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	N						

IBM		Horizontal	Vertical	Connector Pins			Grounds
5279		Freq 24.01	86.2	Red 1	RedI		20-25
		Pix 720	263	Grn 3	GrnI		Ang Gnd:
Adapter#		Fpor 0.001 (84)	0.007 (81)	Blu 5	BluI		
Interface	Y	Bpor 1.73 (85)	0.459 (82)	Vsyn 8	Csyn	V3-	Dig Gnd:
Video Type	D	Sync 5.21 (86)	0.166 (83)	Hsyn 9	V2+	V4+	27,28
Color/Mono	C	Stype +	+	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	N						

Tie pin 11 to pin 12

IBM		Horizontal	Vertical	Connector Pins			Grounds
5291		Freq 18.40	50.0	Red 10	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		2,15
Interface	N	Bpor (85)	(82)	Vsyn 12	Csyn	V3-	Dig Gnd:
Video Type	D	Sync (86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall: 1
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
5540		Freq 29.50	74.4	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interface		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
5550		Freq 29.80	72.2	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interface		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
5560		Freq 29.50	74.5	Red 2	RedI 9		
		Pix		Grn 4	GrnI 6		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 13	BluI 15		1,5,7
Interface		Bpor (85)	(82)	Vsyn 10	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn 11	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

IBM		Horizontal	Vertical	Connector Pins			Grounds
6153		Freq 25.00	92.0	Red 8	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		15
Interlace		Bpor (85)	(82)	Vsyn 2	Csyn	V3-	Dig Gnd:
Video Type	D	Sync (86)	(83)	Hsyn 16	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:

IBM		Horizontal	Vertical	Connector Pins			Grounds
6154		Freq 25.00	92.0	Red 6	RedI 4		
		Pix	250	Grn 10	GrnI 8		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 14	BluI 12		
Interlace	?	Bpor (85)	(82)	Vsyn 2	Csyn	V3-	Dig Gnd:
Video Type	D	Sync (86)	(83)	Hsyn 16	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:

IBM		Horizontal	Vertical	Connector Pins			Grounds
6155		Freq 49.10	59.8	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:

IBM		Horizontal	Vertical	Connector Pins			Grounds
8503		Freq 35.59		Red	RedI		3,7
		Pix 640	480	Grn 2	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range	50-70	V1-	V3+		Recall: 5,6,7

IBM		Horizontal	Vertical	Connector Pins			Grounds
8504		Freq 35.59		Red	RedI		
		Pix 640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range	50-70	V1-	V3+		Recall: 5,6,7

IBM		Horizontal	Vertical	Connector Pins			Grounds
8506		Freq 50.40	70.8	Red	RedI		
		Pix 736	362	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:

IBM		Horizontal	Vertical	Connector Pins			Grounds
8506		Freq 50.40	70.7	Red	RedI		
		Pix 736	414	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:

IBM 8506		Horizontal	Vertical	Connector Pins			Grounds
	Freq	50.30	70.2	Red	RedI		
	Pix	656	496	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	3						

IBM 8506		Horizontal	Vertical	Connector Pins			Grounds
	Freq	50.60	40.1	Red	RedI		
	Pix	848	1200	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	4						

IBM 8507		Horizontal	Vertical	Connector Pins			Grounds
	Freq	35.59	87.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall: 9
Multimode	1						

IBM 8507		Horizontal	Vertical	Connector Pins			Grounds
	Freq	31.50	60,70.1	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall: 5,6,7
Multimode	2 VGA, 8514A						

IBM 8508		Horizontal	Vertical	Connector Pins			Grounds
	Freq	62.00	49.3	Red	RedI		
	Pix	1600	1200	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	1						

IBM 8508		Horizontal	Vertical	Connector Pins			Grounds
	Freq	70.70	67.0	Red	RedI		
	Pix	1300	1024	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	2						

IBM 8508		Horizontal	Vertical	Connector Pins			Grounds
	Freq	70.70	82.2	Red	RedI		
	Pix	736	828	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	3						

IBM 8508		Horizontal	Vertical	Connector Pins			Grounds
	Freq	70.70	93.5	Red	RedI		
	Pix	736	724	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	4						

IBM 8512		Horizontal	Vertical	Connector Pins			Grounds
	Freq	35.59		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range	50-70		V1-	V3+	Recall: 5,6,7
Multimode	Y						

IBM 8513		Horizontal	Vertical	Connector Pins			Grounds
	Freq	35.59		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range	50-70		V1-	V3+	Recall: 5,6,7
Multimode	Y						

IBM 8514		Horizontal	Vertical	Connector Pins			Grounds
	Freq	31.50	60.0	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall: 7
Multimode	1						

IBM 8514		Horizontal	Vertical	Connector Pins			Grounds
	Freq	35.59	87.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall: 9
Multimode	2						

IBM 8515		Horizontal	Vertical	Connector Pins			Grounds
	Freq	31.50	60.0	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall: 7
Multimode	1						

IBM 8515		Horizontal	Vertical	Connector Pins			Grounds
	Freq	35.59	87.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall: 9
Multimode	2						

IBM		Horizontal	Vertical	Connector Pins			Grounds
8516	Freq	31.50	60.0	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	M	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	M	Range			V1-	V3+	Recall: 7
Multimode	1						

IBM		Horizontal	Vertical	Connector Pins			Grounds
8516	Freq	35.59	87.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	M	Range			V1-	V3+	Recall: 9
Multimode	2						

IBM		Horizontal	Vertical	Connector Pins			Grounds
8517	Freq	31.50	70.0	Red 1	RedI		6-8,10
	Pix	720	400	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu 3	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn 14	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn 13	V2+	V4+
Color/Mono	C	Stype	-		V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall: 6
Multimode	1						Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
8517	Freq	31.50	60.0	Red 1	RedI		6-8,10
	Pix	640	480	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu 3	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn 14	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn 13	V2+	V4+
Color/Mono	C	Stype	-		V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall: 7
Multimode	2						Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
8517	Freq	35.59	87.0	Red 1	RedI		6-8,10
	Pix	1024	768	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu 3	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn 14	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn 13	V2+	V4+
Color/Mono	C	Stype	+		V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall: 9
Multimode	3						Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
8517	Freq	56.50	103.0	Red 1	RedI		6-8,10
	Pix	1360	1024	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu 3	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn 14	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn 13	V2+	V4+
Color/Mono	C	Stype	-		V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	4						Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
8518	Freq	31.50		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall: 5,6,7
Multimode	Y		50-70				

IBM		Horizontal	Vertical	Connector Pins			Grounds
8775		Freq 20.40	77.0	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	N						

IBM		Horizontal	Vertical	Connector Pins			Grounds
9515		Freq 39.40	87.9	Red 1	RedI		6-8,10
		Pix 720	350	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 3	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C	Stype +	-	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall: 33
Multimode	1						Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
9515		Freq 39.40	87.9	Red 1	RedI		6-8,10
		Pix 720	400	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 3	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C	Stype -	+	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall: 34
Multimode	2						Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
9515		Freq 39.40	75.0	Red 1	RedI		6-8,10
		Pix 640	480	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 3	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C	Stype -	-	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall: 35
Multimode	3						Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
9515		Freq 61.10	75.0	Red 1	RedI		6-8,10
		Pix 1024	768	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 3	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C	Stype +	+	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall: 36
Multimode	4						Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
9517		Freq 39.40	87.9	Red 1	RedI		6-8,10
		Pix 720	350	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 3	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C	Stype +	-	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall: 33
Multimode	1						Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
9517		Freq 39.40	87.9	Red 1	RedI		6-8,10
		Pix 720	400	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 3	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C	Stype -	+	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall: 34
Multimode	2						Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
9517		Freq 39.40	75.0	Red 1	RedI		6-8,10
		Pix 640	480	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 3	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C	Stype -	-	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall: 35
Multimode	3						

Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
9517		Freq 58.10	72.0	Red 1	RedI		6-8,10
		Pix 1024	768	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 3	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C	Stype +	+	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	4						

Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
9517		Freq 58.10	106.0	Red 1	RedI		6-8,10
		Pix 1360	1024	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 3	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C	Stype -	+	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	5						

Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
9518		Freq 39.40	87.9	Red 1	RedI		6-8,10
		Pix 720	350	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 3	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C	Stype +	-	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall: 33
Multimode	1						

Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
9518		Freq 39.40	87.9	Red 1	RedI		6-8,10
		Pix 720	400	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 3	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C	Stype -	+	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall: 34
Multimode	2						

Do NOT use adapter #4; monitor uses sync return

IBM		Horizontal	Vertical	Connector Pins			Grounds
9518		Freq 39.40	75.0	Red 1	RedI		6-8,10
		Pix 640	480	Grn 2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu 3	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C	Stype -	-	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall: 35
Multimode	3						

Do NOT use adapter #4; monitor uses sync return

IDEK		Horizontal	Vertical	Connector Pins			Grounds
MF5321		Freq		Red	RedI		
		Pix 1280	1280	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range 30-80	50-90	V1-	V3+		Recall:
Multimode							

IIYAMA MF-8217 VISIONMASTER		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4,6 Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-65	50-90	V1-	V3+		Recall:
Multimode	N	VARIOUS					

IIYAMA MF-8317		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	4,6 Stype			V1+	V2-	V4-	
Multisync	Y Range	30-65	50-90	V1-	V3+		Recall:
Multimode	N	VARIOUS					

IKEGAMI DM2010A		Horizontal	Vertical	Connector Pins			Grounds
	Freq	64.00	60.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.5 (84)	0.001 (81)	Blu	BluI		
Interlace	N Bpor	1 (85)	0.609 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	2.5 (86)	0.047 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	1						

IKEGAMI DM2010A		Horizontal	Vertical	Connector Pins			Grounds	
	Freq	53.57	66.1	Red	RedI			
	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Adapter#	6 Fpor	0.888 (84)	0.001 (81)	Blu	BluI		7,8	
Interlace	N Bpor	2.22 (85)	0.671 (82)	Vsyn 4	Csyn	V3-	Dig Gnd:	
Video Type	E Sync	1.33 (86)	0.111 (83)	Hsyn 3	V2+	V4+		
Color/Mono	M Stype	-	-	V1+ 1	V2-	V4-		
Multisync	Range			V1- 6	V3+		Recall:	
Multimode	2	same as Super MAC STD9437						

IKEGAMI DM2010A		Horizontal	Vertical	Connector Pins			Grounds
	Freq	48.80	60.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.91 (84)	0.0615 (81)	Blu	BluI		
Interlace	N Bpor	2.09 (85)	0.8 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.5 (86)	0.062 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	3						

IKEGAMI DM2010AD		Horizontal	Vertical	Connector Pins			Grounds
	Freq	60.20	75.1	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	1 (84)	0.05 (81)	Blu	BluI		
Interlace	N Bpor	1.8 (85)	0.481 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1 (86)	0.05 (83)	Hsyn	V2+	V4+	
Color/Mono	M Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

IKEGAMI DM2060		Horizontal	Vertical	Connector Pins			Grounds
	Freq	48.70	60.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.875 (84)	0.061 (81)	Blu	BluI		
Interlace	N Bpor	2.12 (85)	0.799 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.5 (86)	0.061 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

**IMAGE SYSTEMS
M24L MAX**

		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024-2048	768-1536	Grn	GrnI		Ang Gnd:
Adapter#	ECL Fpor	(84)	(81)	Blu	BluI		15-25
Interlace	N Bpor	(85)	(82)	Vsyn 10	Csyn	V3- 6	Dig Gnd:
Video Type	E Sync	(86)	(83)	Hsyn 13	V2+ 4	V4+ 8	
Color/Mono	M Stype			V1+ 1	V2- 3	V4- 7	
Multisync	Range	48-96	60-80	V1- 2	V3+ 5		Recall:
Multimode				DB9 or BNC input equals analog type			

ITT 1700

		Horizontal	Vertical	Connector Pins			Grounds
	Freq	18.90	60.0	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

ITT 1900

		Horizontal	Vertical	Connector Pins			Grounds
	Freq	25.00	77.5	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

ITT 2700

		Horizontal	Vertical	Connector Pins			Grounds
	Freq	18.90	60.0	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

KDS KD-1440

		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	31.5/35.5	50-90	V1-	V3+		Recall:
Multimode	Y	VGA, SVGA, 8514A INTERLACED IN 8514A MODE.					

KDS KD-1450

		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	31-52	50-90	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, XGA, 8 INTERLACED IN 8514A MODE.					

KDS KD-1460

		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	31.5-64	50-90	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, XGA, 8 INTERLACED IN 8514A MODE.					

KDS		Horizontal	Vertical	Connector Pins			Grounds
KD-1500		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-66		50-90	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, XGA, 8INTERLACED IN 8514A MODE.					

KDS		Horizontal	Vertical	Connector Pins			Grounds
KD-1700		Freq		Red	RedI		
17" ULTRA-VGA	COLOPix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-78		50-90	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, XGA, 8INTERLACED IN 8514A MODE.					

KFC		Horizontal	Vertical	Connector Pins			Grounds
CA1718		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-65		50-90	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 8514AINTERLACED IN 8514A MODE					

LEADING EDGE		Horizontal	Vertical	Connector Pins			Grounds
CMON 1528V		Freq		Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range31.5/58		47-100	V1-	V3+		Recall:
Multimode		VGA, SVGA, XGA, 8INTERLACED IN 8514A ONLY					

LEADING EDGE		Horizontal	Vertical	Connector Pins			Grounds
CMON 1726V		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range31.5/48		50-90	V1-	V3+		Recall:
Multimode		VGA, SVGA, XGA, 8INTERLACED IN 8514A ONLY					

LEADING EDGE		Horizontal	Vertical	Connector Pins			Grounds
CMON 2128V		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range30/65		50-90	V1-	V3+		Recall:
Multimode		VGA, SVGA, XGA, 8INTERLACED IN 8514A ONLY					

LEADING EDGE		Horizontal	Vertical	Connector Pins			Grounds
CMON.28AD		Freq		Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range31.5/35.5		50-90	V1-	V3+		Recall: 5-7,9
Multimode	Y	VGA, 8514A INTERLACED IN 8514A ONLY					

LEADING EDGE CMON.28N		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range	31.5/48	50-90	V1-	V3+		Recall: 5-9
Multimode	Y	VGA, SVGA, XGA, 8INTERLACED IN 8514A ONLY					

LEADING EDGE CMON.28NI		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range	31.5/58	50-90	V1-	V3+		Recall:
Multimode	Y	VGA, SVGA, XGA, 8INTERLACED IN 8514A ONLY					

LEADING EDGE CMON.39ADV		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range	31.5/35.5	50-90	V1-	V3+		Recall: 5-7,9
Multimode	Y	VGA, 8514A INTERLACED IN 8514A ONLY.					

LEADING EDGE CMON.42GV		Horizontal	Vertical	Connector Pins			Grounds
	Freq	31.50		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range		50-70	V1-	V3+		Recall: 5-7
Multimode	Y	VGA					

LEADING EDGE CMON.51GV		Horizontal	Vertical	Connector Pins			Grounds
	Freq	31.50		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range		50-70	V1-	V3+		Recall: 5-7
Multimode	Y	VGA					

LINK MC5		Horizontal	Vertical	Connector Pins			Grounds
	Freq	31.37	59.9	Red	RedI		
	Pix	1088	507	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	1.36 (84)	0.166 (81)	Blu	BluI		
Interlace	Bpor	1.36 (85)	0.166 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.36 (86)	0.166 (83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	Y	bypass D/A convertor and inject H, V, & video					

LOOP CT-1448		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range	31/35	60/70/80	V1-	V3+		Recall:
Multimode	Y	MDA, HERCULES					

LOOP		Horizontal	Vertical	Connector Pins			Grounds	
CT-1458		Freq		Red	RedI			
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:	
	1,4	Fpor	(84)	Blu	BluI			
	Interlace	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:	
	Y	Sync	(86)	Hsyn	V2+	V4+		
	Video Type	Stype		V1+	V2-	V4-		
	A	Range	15-48	V1-	V3+		Recall: 0-10	
	Color/Mono		47-100					
	C	MDA, CGA, EGA, VGINTERLACED IN 8514A MODE						
	Multisync	Y						
	Multimode	N						

LOOP		Horizontal	Vertical	Connector Pins			Grounds	
CT-1469		Freq		Red	RedI			
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:	
	4	Fpor	(84)	Blu	BluI			
	Interlace	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:	
	Y	Sync	(86)	Hsyn	V2+	V4+		
	Video Type	Stype		V1+	V2-	V4-		
	A	Range	31/35	V1-	V3+		Recall: 5,6,7,8,9	
	Color/Mono		60/70/87					
	C	VGA, SVGA, 8514A INTERLACED IN 8514A MODE						
	Multisync	N						
	Multimode	Y						

LOOP		Horizontal	Vertical	Connector Pins			Grounds	
CT-1969		Freq		Red	RedI			
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:	
	1	Fpor	(84)	Blu	BluI			
	Interlace	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:	
	Y	Sync	(86)	Hsyn	V2+	V4+		
	Video Type	Stype		V1+	V2-	V4-		
	A	Range	31-35	V1-	V3+		Recall: 1	
	Color/Mono		60/70/87					
	M	VGA, SVGA, 8514A INTERLACED IN 8514A MODE.						
	Multisync	Y						
	Multimode	Y						

LOOP		Horizontal	Vertical	Connector Pins			Grounds	
CT-418P/A		Freq	18.43	Red	RedI			
	Adapter#	Pix	720	Grn	GrnI		Ang Gnd:	
	1	Fpor	(84)	Blu	BluI			
	Interlace	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:	
	N	Sync	(86)	Hsyn	V2+	V4+		
	Video Type	Stype		V1+	V2-	V4-		
	D	Range		V1-	V3+		Recall: 1	
	Color/Mono		+ -					
	M	MDA, HERCULES						
	Multisync	Y	47-63					
	Multimode	N						

MAG		Horizontal	Vertical	Connector Pins			Grounds	
MX14H		Freq		Red	RedI			
	Adapter#	Pix	1280	Grn	GrnI		Ang Gnd:	
		Fpor	(84)	Blu	BluI			
	Interlace	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:	
	N	Sync	(86)	Hsyn	V2+	V4+		
	Video Type	Stype		V1+	V2-	V4-		
	A	Range	30-64	V1-	V3+		Recall:	
	Color/Mono		50-120					
	C	14" COLOR						
	Multisync	Y						
	Multimode	N						

MAG		Horizontal	Vertical	Connector Pins			Grounds	
MX14S		Freq		Red	RedI			
	Adapter#	Pix	1280	Grn	GrnI		Ang Gnd:	
		Fpor	(84)	Blu	BluI			
	Interlace	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:	
	N	Sync	(86)	Hsyn	V2+	V4+		
	Video Type	Stype		V1+	V2-	V4-		
	A	Range	30-64	V1-	V3+		Recall:	
	Color/Mono		50-120					
	C	14" COLOR						
	Multisync	Y						
	Multimode	N						

MAG		Horizontal	Vertical	Connector Pins			Grounds	
MX14S		Freq		Red	RedI			
	Adapter#	Pix	1280	Grn	GrnI		Ang Gnd:	
		Fpor	(84)	Blu	BluI			
	Interlace	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:	
	Y	Sync	(86)	Hsyn	V2+	V4+		
	Video Type	Stype		V1+	V2-	V4-		
	A	Range	30-64	V1-	V3+		Recall:	
	Color/Mono		50-120					
	C	VGA, SVGA, XGA, VINTERLACED IN 8514A ONLY.						
	Multisync	Y						
	Multimode	N						

MAG		Horizontal	Vertical	Connector Pins			Grounds
MX15F		Freq		Red	RedI		
	Adapter#	Pix	1280	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range30-68	50-120	V1-	V3+		Recall:
			15" COLOR				

MAG		Horizontal	Vertical	Connector Pins			Grounds
MX15F		Freq		Red	RedI		
	Adapter#	Pix	1280	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range30-68	50-120	V1-	V3+		Recall:
		VGA, SVGA, XGA, VINTERLACED IN 8514A ONLY.					

MAG		Horizontal	Vertical	Connector Pins			Grounds
MX17F		Freq		Red	RedI		
	Adapter#	Pix	1280	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range30-68	50-120	V1-	V3+		Recall:
			17" COLOR				

MAG		Horizontal	Vertical	Connector Pins			Grounds
MX17F		Freq		Red	RedI		
	Adapter#	Pix	1280	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range30-68	50-120	V1-	V3+		Recall:
		VGA, SVGA, XGA, VINTERLACED IN 8514A ONLY.					

MAG		Horizontal	Vertical	Connector Pins			Grounds
MX17S		Freq		Red	RedI		
	Adapter#	Pix	1280	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range30-68	50-120	V1-	V3+		Recall:
			17" COLOR				

MAG		Horizontal	Vertical	Connector Pins			Grounds
PMV1448		Freq		Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range30-49	50-90	V1-	V3+		Recall:
			14" COLOR				

MAG		Horizontal	Vertical	Connector Pins			Grounds
PMV14VC+		Freq		Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range30-37	50-90	V1-	V3+		Recall:
			14" COLOR				

MAGNAVOX		Horizontal	Vertical	Connector Pins			Grounds
1720DC BE01	Freq			Red	RedI		
17" AUTOSCAN	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter# 4,5	Fpor	(84)	(81)	Blu	BluI		
Interlace N	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono C	Stype	+	+	V1+	V2-	V4-	
Multisync Y	Range	30-82	50-120	V1-	V3+		Recall: 7-10,25
Multimode Y	MOST COMMON + 12 MODE CAPABILITY						

MAGNAVOX		Horizontal	Vertical	Connector Pins			Grounds
20CM64	Freq			Red	RedI		
20" AUTOSCAN	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter# 4	Fpor	(84)	(81)	Blu	BluI		
Interlace Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range	30-64	50-90	V1-	V3+		Recall: 5,7-10
Multimode	VGA, SVGA, 8514A INTERLACED IN 8514A MODE						

MAGNAVOX		Horizontal	Vertical	Connector Pins			Grounds
20CM64:BE0,074	Freq			Red	RedI		
20" AUTOSCAN COLOR	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter# 4,5	Fpor	(84)	(81)	Blu	BluI		
Interlace Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono C	Stype	+	+	V1+	V2-	V4-	
Multisync Y	Range	30-64	50-90	V1-	V3+		Recall: 5,7-10
Multimode Y	VGA, SVGA, MACII=COMP. SYNC... INTERLACED IN 8514A ONLY.						

MAGNAVOX		Horizontal	Vertical	Connector Pins			Grounds
9CM080	Freq	35.50	66.7	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter# 5	Fpor	(84)	(81)	Blu	BluI		
Interlace N	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono C	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall: 10
Multimode	use gender changer						

MAGNAVOX		Horizontal	Vertical	Connector Pins			Grounds
CM1435LEBE01	Freq			Red	RedI		
14" DUAL VGA/SVGA	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter# 4	Fpor	(84)	(81)	Blu	BluI		
Interlace N	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono C	Stype			V1+	V2-	V4-	
Multisync Y	Range	31.5-35.5	50-100	V1-	V3+		Recall: 5-9
Multimode Y	VGA, SVGA						

MAGNAVOX		Horizontal	Vertical	Connector Pins			Grounds
CM2039	Freq	31.48		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter# 4	Fpor	(84)	(81)	Blu	BluI		
Interlace YN	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono C	Stype			V1+	V2-	V4-	
Multisync	Range		60-70	V1-	V3+		Recall: 6,7
Multimode							

MAGNAVOX		Horizontal	Vertical	Connector Pins			Grounds
CM2079	Freq			Red 1	RedI		
	Pix	1024	768	Grn 2	GrnI		Ang Gnd:
Adapter# 4	Fpor	(84)	(81)	Blu 3	BluI		
Interlace N	Bpor	(85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type A	Sync	(86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono C	Stype			V1+	V2-	V4-	
Multisync Y	Range	31.5/35.5	50-100	V1-	V3+		Recall:
Multimode Y	VGA, SVGA 14" DUAL VGA/SVGA						

MAGNAVOX CM2079BE01		Horizontal	Vertical	Connector Pins			Grounds
14" DUAL VGA/SVGA	Freq	1024	768	Red	RedI		Ang Gnd:
Adapter# 4	Fpor	(84)	(81)	Grn	GrnI		
Interlace N	Bpor	(85)	(82)	Blu	BluI		
Video Type A	Sync	(86)	(83)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono C	Stype			Hsyn	V2+	V4+	
Multisync Y	Range	31.5/35.5	50-100	V1+	V2-	V4-	
Multimode Y	VGA, SVGA			V1-	V3+		Recall: 5-9

MAGNAVOX CM2080		Horizontal	Vertical	Connector Pins			Grounds
MAC COLOR DISPLAY	Freq	35.00	66.7	Red	RedI		Ang Gnd:
Adapter# 5	Fpor	(84)	(81)	Grn	GrnI		
Interlace N	Bpor	(85)	(82)	Blu	BluI		
Video Type A	Sync	(86)	(83)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono C	Stype			Hsyn	V2+	V4+	
Multisync N	Range			V1+	V2-	V4-	
Multimode N	MAC			V1-	V3+		Recall: 10

MAGNAVOX CM2080GY01		Horizontal	Vertical	Connector Pins			Grounds
	Freq	35.00	66.7	Red 2	RedI		11,14
Adapter# 5	Fpor	(84)	(81)	Grn 5	GrnI		Ang Gnd:
Interlace N	Bpor	(85)	(82)	Blu 9	BluI		
Video Type A	Sync	(86)	(83)	Vsyn	Csyn 3	V3-	Dig Gnd:
Color/Mono C	Stype	C	C	Hsyn	V2+	V4+	
Multisync N	Range			V1+	V2-	V4-	
Multimode N				V1-	V3+		Recall:

MAGNAVOX CM2089		Horizontal	Vertical	Connector Pins			Grounds
	Freq	1024	768	Red 1	RedI		Ang Gnd:
Adapter# 4	Fpor	(84)	(81)	Grn 2	GrnI		
Interlace N	Bpor	(85)	(82)	Blu 3	BluI		
Video Type A	Sync	(86)	(83)	Vsyn 14	Csyn	V3-	Dig Gnd:
Color/Mono C	Stype			Hsyn 13	V2+	V4+	
Multisync Y	Range	31.5/35.5	50-100	V1+	V2-	V4-	
Multimode N	VGA, SVGA		14" DUAL VGA/SVGA	V1-	V3+		Recall:

MAGNAVOX CM2089BE01		Horizontal	Vertical	Connector Pins			Grounds
14" DUAL VGA/SVGA	Freq	1024	768	Red	RedI		Ang Gnd:
Adapter# 4	Fpor	(84)	(81)	Grn	GrnI		
Interlace N	Bpor	(85)	(82)	Blu	BluI		
Video Type A	Sync	(86)	(83)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono C	Stype			Hsyn	V2+	V4+	
Multisync N	Range	31.5-35.5	50-100	V1+	V2-	V4-	
Multimode Y	VGA, SVGA			V1-	V3+		Recall: 5-9

MAGNAVOX CM2099		Horizontal	Vertical	Connector Pins			Grounds
	Freq	1024	768	Red	RedI		Ang Gnd:
Adapter# 4	Fpor	(84)	(81)	Grn	GrnI		
Interlace N	Bpor	(85)	(82)	Blu	BluI		
Video Type A	Sync	(86)	(83)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono C	Stype			Hsyn	V2+	V4+	
Multisync Y	Range	31.5/48.3	50-100	V1+	V2-	V4-	
Multimode Y	VGA, VESA			V1-	V3+		Recall: 5, 7, 28-31

MAGNAVOX CM4017		Horizontal	Vertical	Connector Pins			Grounds
17" EVGA COLOR DISPLAY	Freq	1024	768	Red	RedI		Ang Gnd:
Adapter# 4	Fpor	(84)	(81)	Grn	GrnI		
Interlace Y	Bpor	(85)	(82)	Blu	BluI		
Video Type A	Sync	(86)	(83)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono C	Stype			Hsyn	V2+	V4+	
Multisync Y	Range	30-58	50-100	V1+	V2-	V4-	
Multimode N	VGA, SVGA, MACIIINTERLACED IN 8514A MODE.			V1-	V3+		Recall: 7-10, 28-32

MAGNAVOX		Horizontal	Vertical	Connector Pins			Grounds
CM4017BE01	Freq	1024	768	Red 1	RedI		
17" AUTOSCAN	Pix			Grn 2	GrnI		Ang Gnd:
Adapter# 4	Fpor	(84)	(81)	Blu 3	BluI		
Interlace Y	Bpor	(85)	(82)	Vsyn 14	Csyn 13	V3-	Dig Gnd:
Video Type A	Sync	(86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono C	Stype			V1+	V2-	V4-	
Multisync Y	Range	30-58	50-100	V1-	V3+		Recall: 9,5,6,31,3
Multimode N				INTERLACED ON 8514A MODE ONLY			

MAGNAVOX		Horizontal	Vertical	Connector Pins			Grounds
CM8505	Freq	15.70	60.0	Red 2	RedI 5		
	Pix	330	250	Grn 3	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu 4	BluI		6
Interlace	Bpor	(85)	(82)	Vsyn 8	Csyn	V3-	Dig Gnd:
Video Type D	Sync	(86)	(83)	Hsyn 7	V2+	V4+	
Color/Mono C	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode				8 pin for digital; 6 pin for analog;			

MAGNAVOX		Horizontal	Vertical	Connector Pins			Grounds
CM8505	Freq	15.70	60.0	Red 4	RedI		
	Pix	330	250	Grn 1	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu 5	BluI		3
Interlace	Bpor	(85)	(82)	Vsyn 6	Csyn	V3-	Dig Gnd:
Video Type A	Sync	(86)	(83)	Hsyn 2	V2+	V4+	
Color/Mono C	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode				8 pin for digital; 6 pin for analog;			

MAGNAVOX		Horizontal	Vertical	Connector Pins			Grounds
CM8562	Freq	15.70	60.0	Red 2	RedI		
	Pix	330	250	Grn 3	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu 4	BluI		6
Interlace	Bpor	(85)	(82)	Vsyn 8	Csyn	V3-	Dig Gnd:
Video Type D	Sync	(86)	(83)	Hsyn 7	V2+	V4+	
Color/Mono C	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	CGA						

MAGNAVOX		Horizontal	Vertical	Connector Pins			Grounds
CM8562	Freq	15.70	60.0	Red 4	RedI		
	Pix	330	250	Grn 1	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu 5	BluI		3
Interlace	Bpor	(85)	(82)	Vsyn 6	Csyn	V3-	Dig Gnd:
Video Type A	Sync	(86)	(83)	Hsyn 2	V2+	V4+	
Color/Mono C	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	NTSC						

MAGNAVOX		Horizontal	Vertical	Connector Pins			Grounds
CM9214BE01	Freq	56.50	70.0	Red 1	RedI		4-8,11,12
14" EVGA AUTOSCAN	Pix	1024	768	Grn 2	GrnI		Ang Gnd:
Adapter# 4	Fpor	(84)	(81)	Blu 3	BluI		
Interlace N	Bpor	(85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type A	Sync	(86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono C	Stype			V1+	V2-	V4-	
Multisync N	Range			V1-	V3+		Recall: 32
Multimode N							

MATSUSHITA		Horizontal	Vertical	Connector Pins			Grounds
TX-14H8	Freq			Red	RedI		
VIEWPERFECT 3	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono C	Stype			V1+	V2-	V4-	
Multisync Y	Range	15.5-36	50-100	V1-	V3+		Recall:
Multimode N							

MEGAGRAPHSICS		Horizontal	Vertical	Connector Pins			Grounds
19MGM2		Freq	64.70	75.0	Red	RedI	
		Pix	1024	826	Grn	GrnI	Ang Gnd:
Adapter#	ECL	Fpor	0.432 (84)	0.015 (81)	Blu	BluI	7,8,9
Interlace	N	Bpor	2.59 (85)	0.433 (82)	Vsyn 4	Csyn	Dig Gnd:
Video Type	E	Sync	0.8 (86)	0.124 (83)	Hsyn 3	V2+	V3-
Color/Mono	M	Stype			V1+ 1	V2-	V4+
Multisync		Range			V1- 6	V3+	V4-
Multimode							Recall:

MEGAGRAPHSICS		Horizontal	Vertical	Connector Pins			Grounds
LD C6000-058		Freq	61.80	66.0	Red	RedI	
MEGASCREEN		Pix	1152	900	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.17 (84)	0.032 (81)	Blu	BluI	
Interlace	N	Bpor	2.24 (85)	0.5 (82)	Vsyn	Csyn	Dig Gnd:
Video Type	A	Sync	1.38 (86)	0.064 (83)	Hsyn	V2+	V3-
Color/Mono	C	Stype	-	-	V1+	V2-	V4+
Multisync	N	Range			V1-	V3+	V4-
Multimode	N						Recall:

MEGAGRAPHSICS		Horizontal	Vertical	Connector Pins			Grounds
M2400-301A		Freq	53.30	62.0	Red	RedI	
MEGASCREEN		Pix	800	640	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.72 (84)	0.019 (81)	Blu	BluI	
Interlace	N	Bpor	2.5 (85)	0.431 (82)	Vsyn	Csyn	Dig Gnd:
Video Type	D	Sync	0.9 (86)	0.02 (83)	Hsyn	V2+	V3-
Color/Mono	M	Stype	-	-	V1+	V2-	V4+
Multisync	N	Range			V1-	V3+	V4-
Multimode	N						Recall:

MEGAGRAPHSICS		Horizontal	Vertical	Connector Pins			Grounds
M9000-038		Freq	63.90	78.0	Red	RedI	
MEGASCREEN		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	ECL	Fpor	0.356 (84)	0.047 (81)	Blu	BluI	8,9
Interlace	N	Bpor	2.67 (85)	0.469 (82)	Vsyn 4	Csyn	Dig Gnd:
Video Type	E	Sync	1.24 (86)	0.125 (83)	Hsyn 3	V2+	V3-
Color/Mono	M	Stype	+	+	V1+ 1	V2-	V4+
Multisync		Range			V1- 6	V3+	V4-
Multimode							Recall:

MICRO DISPLAY		Horizontal	Vertical	Connector Pins			Grounds
VHR400		Freq	62.75	59.9	Red 6	RedI	
Genius		Pix	736	1008	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	2,3,4
Interlace	N	Bpor	(85)	(82)	Vsyn 9	Csyn	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn 8	V2+	V3-
Color/Mono	M	Stype			V1+	V2-	V4+
Multisync		Range			V1-	V3+	V4-
Multimode							Recall:

MIRROR		Horizontal	Vertical	Connector Pins			Grounds
MIR1503A		Freq	68.80	75.0	Red 6	RedI 7	
		Pix	640	870	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	3,4,5
Interlace	N	Bpor	(85)	(82)	Vsyn 9	Csyn	Dig Gnd:
Video Type	D	Sync	(86)	(83)	Hsyn 8	V2+	V3-
Color/Mono	M	Stype			V1+	V2-	V4+
Multisync		Range			V1-	V3+	V4-
Multimode							Recall:

full page; pin 1 = sense; 2 = SNS2

MIRROR		Horizontal	Vertical	Connector Pins			Grounds
MR1511A		Freq	63.92	79.0	Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	ECL	Fpor	0.356 (84)	0.047 (81)	Blu	BluI	8,9
Interlace	N	Bpor	2.67 (85)	0.469 (82)	Vsyn 4	Csyn	Dig Gnd:
Video Type	E	Sync	1.24 (86)	0.125 (83)	Hsyn 3	V2+	V3-
Color/Mono	M	Stype			V1+	V2-	V4+
Multisync		Range			V1-	V3+	V4-
Multimode							Recall:

MIRROR TECH		Horizontal	Vertical	Connector Pins			Grounds
VCX-8108		Freq	63.92	79.0	Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	ECL	Fpor	0.356 (84)	0.047 (81)	Blu	BluI	8,9
Interlace	N	Bpor	2.67 (85)	0.469 (82)	Vsyn 4	Csyn	Dig Gnd:
Video Type	E	Sync	1.24 (86)	0.125 (83)	Hsyn 3	V2+	
Color/Mono	M	Stype			V1+ 1	V2-	
Multisync		Range			V1- 6	V3+	Recall:
Multimode							

MIRROR TECH		Horizontal	Vertical	Connector Pins			Grounds
VCX-810A		Freq	63.92	79.0	Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	ECL	Fpor	0.356 (84)	0.047 (81)	Blu	BluI	8,9
Interlace	N	Bpor	2.67 (85)	0.469 (82)	Vsyn 4	Csyn	Dig Gnd:
Video Type	E	Sync	1.24 (86)	0.125 (83)	Hsyn 3	V2+	
Color/Mono	M	Stype			V1+ 1	V2-	
Multisync		Range			V1- 6	V3+	Recall:
Multimode							

MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
6605ATK		Freq	63.60	59.6	Red	RedI	
		Pix	1280-	1024	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V3-
Color/Mono	C	Stype	+	-	V1+	V2-	V4+
Multisync	N	Range			V1-	V3+	V4-
Multimode	Y	VGA					Recall:

MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
AJ6905		Freq			Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V3-
Color/Mono	C	Stype	-	-	V1+	V2-	V4+
Multisync	Y	Range	40-67	50-80	V1-	V3+	V4-
Multimode							Recall:

MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
AM2751A		Freq			Red	RedI	
		Pix	800	600	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V3-
Color/Mono	C	Stype			V1+	V2-	V4+
Multisync	Y	Range	15.6-36	45-90	V1-	V3+	V4-
Multimode							Recall: 5-8,10

MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
AUM1371A		Freq			Red	RedI	
		Pix	800	600	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	Dig Gnd:
Video Type		Sync	(86)	(83)	Hsyn	V2+	V3-
Color/Mono		Stype			V1+	V2-	V4+
Multisync	Y	Range	15-35	45-75	V1-	V3+	V4-
Multimode							Recall: 0,2,5-8
operates in digital & analog modes							

MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
AUM1381A		Freq			Red	RedI	
		Pix	800	600	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V3-
Color/Mono	C	Stype			V1+	V2-	V4+
Multisync	Y	Range	15.6-36	45-90	V1-	V3+	V4-
Multimode							Recall: 0-8,10
CGA, EGA, PS2, analog or digital							

MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
C-3240		Freq		Red	RedI		
	Adapter#	Pix	640	Grn	GrnI		Ang Gnd:
	Interface	Fpor	1.1 (84)	Blu	BluI		
	Video Type	N Bpor	6.95 (85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	D Sync	4.7 (86)	Hsyn	V2+	V4+	
	Multisync	C Stype	+	V1+	V2-	V4-	
	Multimode	Range	15.75	V1-	V3+		Recall:
			40-70				
MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
C-3470		Freq		Red	RedI		
	Adapter#	Pix	720	Grn	GrnI		Ang Gnd:
	Interface	Fpor	1.1 (84)	Blu	BluI		
	Video Type	N Bpor	4.3 (85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	D Sync	4.75 (86)	Hsyn	V2+	V4+	
	Multisync	C Stype	+	V1+	V2-	V4-	
	Multimode	Range	15.75	V1-	V3+		Recall:
			40-70				
MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
C-3479		Freq		Red	RedI		
	Adapter#	Pix	720	Grn	GrnI		Ang Gnd:
	Interface	Fpor	0.7 (84)	Blu	BluI		
	Video Type	N Bpor	4.4 (85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	A Sync	4 (86)	Hsyn	V2+	V4+	
	Multisync	C Stype	+	V1+	V2-	V4-	
	Multimode	Range	15.75	V1-	V3+		Recall:
			40-70				
MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
C-3510		Freq		Red	RedI		
	Adapter#	Pix	512	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	N Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	A Sync	5 (86)	Hsyn	V2+	V4+	
	Multisync	C Stype	C	V1+	V2-	V4-	
	Multimode	Y Range	15-18	V1-	V3+		Recall:
			40-70				
MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
C-6479		Freq	31.50	Red	RedI		
	Adapter#	Pix	990	Grn	GrnI		Ang Gnd:
	Interface	Fpor	0.7 (84)	Blu	BluI		
	Video Type	N Bpor	3.9 (85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	A Sync	2.3 (86)	Hsyn	V2+	V4+	
	Multisync	C Stype	-	V1+	V2-	V4-	
	Multimode	Range		V1-	V3+		Recall:
			40-70				
MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
C-6922-AGK		Freq		Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	N Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	A Sync	(86)	Hsyn	V2+	V4+	
	Multisync	C Stype	-	V1+	V2-	V4-	
	Multimode	Y Range	28-35	V1-	V3+		Recall:
			40-70				
			adjust H & V hold to lock to PGC setup				
MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
FA3415/25/35		Freq		Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	N Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	A Sync	(86)	Hsyn	V2+	V4+	
	Multisync	C Stype	-	V1+	V2-	V4-	
	Multimode	Y Range	15.7-35.5	V1-	V3+		Recall:
			50-87				
			PS/2, VGA, 851Analog or TTL; 3415 is DB9/15 pin input; 3425 & 3435				

MITSUBISHI FC8652-AGK		Horizontal	Vertical	Connector Pins			Grounds
	Freq		60.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync	Y	Range	47-52		V1-	V3+	Recall:
Multimode							

MITSUBISHI FG6600		Horizontal	Vertical	Connector Pins			Grounds
	Freq	63.57	59.6	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	0.36 (84)	0.047 (81)	Blu	BluI	
Interlace	N	Bpor	2 (85)	0.456 (82)	Vsyn	Csyn	V3-
Video Type	A	Sync	2 (86)	0.047 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync	Y	Range			V1-	V3+	Recall:
Multimode							

MITSUBISHI FS6605		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-64	50-130	V1-	V3+	Recall:
Multimode							

MITSUBISHI GPD-16C		Horizontal	Vertical	Connector Pins			Grounds
	Freq	63.60	59.6	Red	RedI		
	Pix	1280-	1024	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	+	-	V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	Y	VGA					

MITSUBISHI GPD-16C		Horizontal	Vertical	Connector Pins			Grounds
	Freq	31.50	60.0	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	+	-	V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	Y	VGA					

MITSUBISHI GPD-16C		Horizontal	Vertical	Connector Pins			Grounds
	Freq	49.90	60.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	+	-	V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	Y	VGA					

MITSUBISHI GPD-19C		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280 MAX	1024 MAX	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	D	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	c	c	V1+	V2-	V4-
Multisync	Y	Range	30-64	50-90 AUTO	V1-	V3+	Recall:
Multimode	N						

MITSUBISHI HA3905		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	800	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	(84)	0.001 (81)	Blu	BluI		
Interlace	N Bpor	(85)	0.62 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1-7 (86)	.05-2 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	15.7-35.5	45-80	V1-	V3+		Recall:
Multimode							

MITSUBISHI HA3905ADK		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	15.7-35.5	45-80	V1-	V3+		Recall:
Multimode							

MITSUBISHI HA3905L9ADK		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	15.7-35.5	45-80	V1-	V3+		Recall:
Multimode							CGA, EGA, VGA, same as model HA3905ADK; Auto scans to CGA, EGA, VGA, P

MITSUBISHI HC3905		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	15.7-38	45-90	V1-	V3+		Recall:
Multimode							Auto scans to CGA, EGA, VGA, 8514A, MACII

MITSUBISHI HD6905		Horizontal	Vertical	Connector Pins			Grounds
	Freq	48.56	60.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.98 (84)	0.157 (81)	Blu	BluI		
Interlace	N Bpor	3.24 (85)	0.588 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.08 (86)	0.19 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

MITSUBISHI HF1400		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	Y Range	15.5-20	40-70	V1-	V3+		Recall:
Multimode							will not auto track - adjust H and V Hold controls wh

MITSUBISHI HG6905BK		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	Y Range	40-67	50-75	V1-	V3+		Recall:
Multimode							* 3 position plug inside to change frequency ranges

MITSUBISHI HJ6905STK		Horizontal	Vertical	Connector Pins			Grounds
	Freq	43.80	59.7	Red	RedI		
	Pix	1903	695	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.7 (84)	0.068 (81)	Blu	BluI		
Interlace	N Bpor	3.3 (85)	0.775 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.5 (86)	0.068 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	1						

MITSUBISHI HJ6905STK		Horizontal	Vertical	Connector Pins			Grounds
	Freq	49.90	60.1	Red	RedI		
	Pix	1654	799	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.58 (84)	0.06 (81)	Blu	BluI		
Interlace	N Bpor	3 (85)	0.501 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.42 (86)	0.06 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	2						

MITSUBISHI HJ6905STK		Horizontal	Vertical	Connector Pins			Grounds
	Freq	63.60	59.7	Red	RedI		
	Pix	1273	1027	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.36 (84)	0.047 (81)	Blu	BluI		
Interlace	N Bpor	2.53 (85)	0.519 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.27 (86)	0.047 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	3						

ONE OF 3 MODES

MITSUBISHI HL6605		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall: 5-7
Multimode	Y	VGA1,2,&3 PLUS					

MITSUBISHI HL6605		Horizontal	Vertical	Connector Pins			Grounds
	Freq	63.30	59.9	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.407 (84)	0.047 (81)	Blu	BluI		
Interlace	N Bpor	3.957 (85)	0.504 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.7 (86)	0.047 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	4	VGA1,2,&3 PLUS					

MITSUBISHI HL6605		Horizontal	Vertical	Connector Pins			Grounds
	Freq	47.70	60.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	1 (84)	0.063 (81)	Blu	BluI		
Interlace	N Bpor	5 (85)	0.566 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	2 (86)	0.084 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	5	VGA1,2,&3 PLUS					

MITSUBISHI HL6605		Horizontal	Vertical	Connector Pins			Grounds
	Freq	35.00	66.7	Red	RedI		
	Pix	640	480	Grr	GrnI		Ang Gnd:
Adapter#	6 Fpor	2.12 (84)	0.084 (81)	Blu	BluI		
Interlace	N Bpor	7.45 (85)	1.284 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	2.12 (86)	0.086 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	6	VGA1,2,&3 PLUS					

MITSUBISHI HL6605		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-64		V1-	V3+	Recall:
Multimode							

MITSUBISHI HL6605ATK		Horizontal	Vertical	Connector Pins			Grounds
	Freq	31.50	60.0	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	+		V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	Y	VGA					

MITSUBISHI HL6605ATK		Horizontal	Vertical	Connector Pins			Grounds
	Freq	49.90	60.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	+		V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	Y	VGA					

MITSUBISHI HL6615		Horizontal	Vertical	Connector Pins			Grounds
	Freq	63.30	60.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	0.407 (84)	0.047 (81)	Blu	BluI	
Interlace	N	Bpor	3.96 (85)	0.504 (82)	Vsyn	Csyn	V3-
Video Type	A	Sync	1.7 (86)	0.047 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	Y	VGA					

MITSUBISHI HL6905 TK		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280 MAX	1024 MAX	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	D	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	C		V1+	V2-	V4-
Multisync	Y	Range	30-64		V1-	V3+	Recall:
Multimode	N						

MITSUBISHI HL6905TK/ATK		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync	Y	Range	30-64		V1-	V3+	Recall:
Multimode							

MITSUBISHI HL7965-KWSG		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	G		V1+	V2-	V4-
Multisync	Y	Range	30-78		V1-	V3+	Recall:
Multimode	Y						

SAME AS "SILICON-GRAPHICS" IRS 4D/70GT

MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
UC-6922		Freq		Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interlace	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype	-	V1+	V2-	V4-	
	Multimode	Range	28-35	V1-	V3+		Recall: 3-8,10
			40-70				

MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
XC3315C		Freq		Red	RedI		
DIAMOND SCAN 33		Pix	800	Grn	GrnI		Ang Gnd:
	Adapter#	Fpor	(84)	Blu	BluI		
	Interlace	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Video Type	Sync	(86)	Hsyn	V2+	V4+	
	Color/Mono	Stype		V1+	V2-	V4-	
	Multisync	Range	15-38	V1-	V3+		Recall: 0-8,10
	Multimode		40-120				

MITSUBISHI		Horizontal	Vertical	Connector Pins			Grounds
6922		Freq	34.50	Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interlace	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype	+	V1+	V2-	V4-	
	Multimode	Range		V1-	V3+		Recall:
			also sync on Green				

MOBIUS		Horizontal	Vertical	Connector Pins			Grounds
15MOM2		Freq	68.80	Red	RedI		
ONE PAGE DISPLAY		Pix	640	Grn	GrnI		Ang Gnd:
	Adapter#	Fpor	(84)	Blu	BluI		
	Interlace	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Video Type	Sync	(86)	Hsyn	V2+	V4+	
	Color/Mono	Stype		V1+	V2-	V4-	
	Multisync	Range		V1-	V3+		Recall: 20
	Multimode						

MOBIUS		Horizontal	Vertical	Connector Pins			Grounds
ONE PAGE DSPL		Freq	68.80	Red	RedI		
	Adapter#	Pix	640	Grn	GrnI		Ang Gnd:
	Interlace	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range		V1-	V3+		Recall:

MOBIUS		Horizontal	Vertical	Connector Pins			Grounds
TWO PAGE DISPLAY		Freq	64.70	Red	RedI		
TWO PAGE DISPLAY		Pix	1024	Grn	GrnI		Ang Gnd:
	Adapter#	Fpor	(84)	Blu	BluI		
	Interlace	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Video Type	Sync	(86)	Hsyn	V2+	V4+	
	Color/Mono	Stype		V1+	V2-	V4-	
	Multisync	Range		V1-	V3+		Recall:
	Multimode						

MOBIUS		Horizontal	Vertical	Connector Pins			Grounds
TWO PAGE DSPL		Freq	64.70	Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interlace	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range		V1-	V3+		Recall:

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
901-0196		Freq 53.50	66.1	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	ECL	Fpor 1.2 (84)	0.019 (81)	Blu	BluI		2,7,8,
Interlace	N	Bpor 2.75 (85)	0.655 (82)	Vsyn 4	Csyn	V3-	Dig Gnd:
Video Type	E	Sync 1.65 (86)	0.112 (83)	Hsyn 3	V2+	V4+	
Color/Mono	M	Stype -	-	V1+ 1	V2-	V4-	
Multisync		Range		V1- 6	V3+		Recall:
Multimode				connect 100 OHM resistor from H-SYNC to ground if doe			

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
999-0116		Freq 66.43	66.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	ECL	Fpor (84)	(81)	Blu	BluI		8
Interlace	N	Bpor (85)	(82)	Vsyn 4	Csyn	V3-	Dig Gnd:
Video Type	E	Sync (86)	(83)	Hsyn 3	V2+ 6	V4+	
Color/Mono	M	Stype -	-	V1+ 1	V2- 7	V4-	
Multisync		Range		V1- 2	V3+		Recall:
Multimode							

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
999-0149		Freq 47.25	59.7	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype +	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
999-0218		Freq 48.80	60.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 1 (84)	0.061 (81)	Blu	BluI		
Interlace	N	Bpor 2.25 (85)	0.799 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.25 (86)	0.061 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
999-0317		Freq 59.00	74.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
999-0322		Freq 86.60	70.0	Red	RedI		
		Pix 1600	1200	Grn	GrnI		Ang Gnd:
Adapter#	ECL	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	E	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
999-0333		Freq 69.44	78.5	Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	E	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype +	+	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

H sync = blue wire; V sync = yellow wire

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
999-0358		Freq 59.00	73.0	Red	RedI		
Adapter# 6		Pix		Grn	GrnI		Ang Gnd:
Interlace	Fpor	(84)	(81)	Blu	BluI		
Video Type	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono	Sync	(86)	(83)	Hsyn	V2+	V4+	
Multisync	Stype			V1+	V2-	V4-	
Multimode	Range			V1-	V3+		Recall:

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
999-0370		Freq 59.00	74.0	Red	RedI		
Adapter# 6		Pix 1024	768	Grn	GrnI		Ang Gnd:
Interlace	Fpor	(84)	(81)	Blu	BluI		
Video Type	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono	Sync	(86)	(83)	Hsyn	V2+	V4+	
Multisync	Stype			V1+	V2-	V4-	
Multimode	Range			V1-	V3+		Recall:

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
999-0388		Freq 63.92	78.0	Red	RedI		
Adapter# ECL		Pix 1024	768	Grn	GrnI		Ang Gnd:
Interlace	Fpor	0.356 (84)	0.047 (81)	Blu	BluI		8,9
Video Type	Bpor	2.67 (85)	0.469 (82)	Vsyn 4	Csyn	V3-	Dig Gnd:
Color/Mono	Sync	1.24 (86)	0.125 (83)	Hsyn 3	V2+	V4+	
Multisync	Stype			V1+ 1	V2-	V4-	
Multimode	Range			V1- 6	V3+		Recall:

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MONITERM		Horizontal	Vertical	Connector Pins			Grounds
999-0397-03		Freq 57.78	71.9	Red	RedI		8
Adapter# ECL		Pix 1024	768	Grn	GrnI		Ang Gnd:
Interlace	Fpor	0.356 (84)	0.047 (81)	Blu	BluI		
Video Type	Bpor	3.5 (85)	0.469 (82)	Vsyn 4	Csyn	V3-	Dig Gnd:
Color/Mono	Sync	1.24 (86)	0.125 (83)	Hsyn 3	V2+ 2	V4+	
Multisync	Stype			V1+ 1	V2- 7	V4-	
Multimode	Range			V1- 6	V3+		Recall:

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
CD-19		Freq 48.00	60.0	Red	RedI		
Adapter# 6		Pix 1024	768	Grn	GrnI		Ang Gnd:
Interlace	Fpor	0.526 (84)	0.041 (81)	Blu	BluI		
Video Type	Bpor	1.58 (85)	0.646 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono	Sync	1.84 (86)	0.021 (83)	Hsyn	V2+	V4+	
Multisync	Stype			V1+	V2-	V4-	
Multimode	Range			V1-	V3+		Recall:

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
P20CU79/66		Freq 66.00	70.0	Red	RedI		
20"		Pix 1000	800	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
VIKING 2 G/S		Freq 50.00	60.0	Red	RedI		
Adapter#		Pix 1024	768	Grn	GrnI		Ang Gnd:
Interlace	Fpor	(84)	(81)	Blu	BluI		
Video Type	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Color/Mono	Sync	(86)	(83)	Hsyn	V2+	V4+	
Multisync	Stype			V1+	V2-	V4-	
Multimode	Range			V1-	V3+		Recall:

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
VIKING 2/115		Freq 66.00	70.0	Red	RedI		
		Pix 1600	1200	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	E	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
VIKING 2/91		Freq 66.00	66.0	Red	RedI		
		Pix 1280	960	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	E	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
VIKING 21/91		Freq 66.00	66.0	Red	RedI		
		Pix 1280	960	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	E	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
VIKING 2400		Freq 66.00	66.0	Red	RedI		
		Pix 1280	960	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	E	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
VIKING PORTRAIT		Freq 82.00	63.0	Red	RedI		
		Pix 960	1280	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	E	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
VY-6155		Freq 47.30	59.7	Red 1	RedI		
		Pix 1026	725	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.9 (84)	0.001 (81)	Blu	BluI		6,7,8
Interlace	N	Bpor 1.19 (85)	0.064 (82)	Vsyn 4	Csyn	V3-	Dig Gnd:
Video Type	D	Sync 2.09 (86)	1.35 (83)	Hsyn 3	V2+	V4+	
Color/Mono	M	Stype +	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

MONITERM		Horizontal	Vertical	Connector Pins			Grounds
VY1000		Freq 67.38	66.4	Red	RedI		
		Pix 1280	960	Grn	GrnI		Ang Gnd:
Adapter#	ECL	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn 4	Csyn	V3-	Dig Gnd:
Video Type	E	Sync (86)	(83)	Hsyn 3	V2+ 2	V4+	8
Color/Mono	M	Stype		V1+ 1	V2- 7	V4-	
Multisync	N	Range		V1- 6	V3+		Recall:
Multimode	N						

PIN #5=-10V, PIN #9=-10VR

MONITRONIX AS1AR62		Horizontal	Vertical	Connector Pins			Grounds
	Freq	61.80	66.0	Red	RedI		
	Pix	1152	900	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.106 (84)	0.001 (81)	Blu	BluI		
Interlace	N Bpor	2.38 (85)	0.508 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	2.13 (86)	0.07 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall: 14
Multimode							

MONITRONIX MX200		Horizontal	Vertical	Connector Pins			Grounds
	Freq	48.80	60.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	1 (84)	0.062 (81)	Blu	BluI		
Interlace	N Bpor	2.25 (85)	0.8 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.25 (86)	0.062 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

NANA0 8060,9060,9070		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-64		50-90	V1-	V3+		Recall: 5-10
Multimode	N VGA,SVGA,8514/USE NANA0 9 PIN TO 15 PIN CABLE						

NANA0 8060,9060,9070		Horizontal	Vertical	Connector Pins			Grounds
	Freq	36.00	58.2	Red	RedI		
	Pix	800	600	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.19 (84)	0.05 (81)	Blu	BluI		
Interlace	N Bpor	4.25 (85)	0.14 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.22 (86)	0.33 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	1						

NANA0 8060,9060,9070		Horizontal	Vertical	Connector Pins			Grounds
	Freq	47.62	59.5	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	1.25 (84)	0.126 (81)	Blu	BluI		
Interlace	N Bpor	2.3 (85)	0.504 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.45 (86)	0.063 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	2						

NANA0 9065S FLEXSCAN 9065S		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-49		50-90	V1-	V3+		Recall: 5-10
Multimode	N VGA,SVGA,8514/						

NANA0 9065S FLEXSCAN 9065S		Horizontal	Vertical	Connector Pins			Grounds
	Freq	36.00	58.2	Red	RedI		
	Pix	800	600	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.19 (84)	0.05 (81)	Blu	BluI		
Interlace	N Bpor	4.25 (85)	0.14 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.12 (86)	0.33 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode	1						

NANAO 9065S		Horizontal	Vertical	Connector Pins			Grounds
FLEXSCAN	9065S	Freq	47.62	59.5	Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	1.25 (84)	0.126 (81)	Blu	BluI	
Interlace	N	Bpor	2.3 (85)	0.504 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	1.45 (86)	0.063 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync	Y	Range			V1-	V3+	Recall:
Multimode	2						

NANAO 9080i		Horizontal	Vertical	Connector Pins			Grounds
FLEXSCAN	9080I	Freq			Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-64	50-90	V1-	V3+	Recall: 5-10
Multimode	N	VGA, SVGA, 8514/USE NANAO 9 PIN TO 15 PIN CABLE					

NANAO 9080i		Horizontal	Vertical	Connector Pins			Grounds
FLEXSCAN	9080I	Freq	36.00	58.2	Red	RedI	
		Pix	800	600	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.19 (84)	0.05 (81)	Blu	BluI	
Interlace	N	Bpor	4.25 (85)	0.14 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	1.12 (86)	0.33 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range			V1-	V3+	Recall:
Multimode	1						

NANAO 9080i		Horizontal	Vertical	Connector Pins			Grounds
FLEXSCAN	9080I	Freq	47.62	59.5	Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	1.25 (84)	0.126 (81)	Blu	BluI	
Interlace	N	Bpor	2.3 (85)	0.504 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	1.45 (86)	0.063 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync	Y	Range			V1-	V3+	Recall:
Multimode	2						

NANAO 9080i		Horizontal	Vertical	Connector Pins			Grounds
FLEXSCAN	9080I	Freq	59.50	73.5	Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.775 (84)	0.151 (81)	Blu	BluI	
Interlace	N	Bpor	1.63 (85)	0.47 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	1.6 (86)	0.084 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync	Y	Range			V1-	V3+	Recall:
Multimode	3						

NANAO 9080i		Horizontal	Vertical	Connector Pins			Grounds
FLEXSCAN	9080I	Freq	64.27	60.0	Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.296 (84)	0.124 (81)	Blu	BluI	
Interlace	N	Bpor	2.82 (85)	0.498 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	0.593 (86)	0.078 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	G	G	V1+	V2-	V4-
Multisync	Y	Range			V1-	V3+	Recall:
Multimode	4						

NANAO 9400,9400i,9500		Horizontal	Vertical	Connector Pins			Grounds
		Freq			Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-65	55-90	V1-	V3+	Recall: 5-10
Multimode	N	VGA, SVGA, 8514/					

NANA0		Horizontal	Vertical	Connector Pins			Grounds
9400,9400i,9500	Freq	36.00	58.2	Red	RedI		
	Pix	800	600	Grn	GrnI		Ang Gnd:
Adapter# 6	Fpor	0.19 (84)	0.05 (81)	Blu	BluI		
Interlace N	Bpor	4.25 (85)	0.14 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	1.12 (86)	0.33 (83)	Hsyn	V2+	V4+	
Color/Mono C	Stype			V1+	V2-	V4-	
Multisync Y	Range			V1-	V3+		Recall:
Multimode 1							

NANA0		Horizontal	Vertical	Connector Pins			Grounds
9400,9400i,9500	Freq	47.62	59.5	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter# 6	Fpor	1.25 (84)	0.126 (81)	Blu	BluI		
Interlace N	Bpor	2.3 (85)	0.504 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	1.45 (86)	0.063 (83)	Hsyn	V2+	V4+	
Color/Mono C	Stype	-	-	V1+	V2-	V4-	
Multisync Y	Range			V1-	V3+		Recall:
Multimode 2							

NANA0		Horizontal	Vertical	Connector Pins			Grounds
9400,9400i,9500	Freq	59.50	73.5	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter# 6	Fpor	0.775 (84)	0.151 (81)	Blu	BluI		
Interlace N	Bpor	1.63 (85)	0.47 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	1.6 (86)	0.084 (83)	Hsyn	V2+	V4+	
Color/Mono C	Stype	-	-	V1+	V2-	V4-	
Multisync Y	Range			V1-	V3+		Recall:
Multimode 3							

NANA0		Horizontal	Vertical	Connector Pins			Grounds
9400,9400i,9500	Freq	64.27	60.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter# 6	Fpor	0.296 (84)	0.124 (81)	Blu	BluI		
Interlace N	Bpor	2.82 (85)	0.498 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type A	Sync	0.593 (86)	0.078 (83)	Hsyn	V2+	V4+	
Color/Mono C	Stype	G	G	V1+	V2-	V4-	
Multisync Y	Range			V1-	V3+		Recall:
Multimode 4							

NANA0		Horizontal	Vertical	Connector Pins			Grounds	
F340IW	Freq			Red	RedI			
FLEXSCAN 15"	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type A	Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono C	Stype			V1+	V2-	V4-		
Multisync Y	Range	27-61.5	55-90	V1-	V3+		Recall:	
Multimode N	MOST MODES	INTERLACED IN 8514A MODE.						

NANA0		Horizontal	Vertical	Connector Pins			Grounds	
F550I	Freq			Red	RedI			
FLEXSCAN 17"	Pix	1280	1024	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type A	Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono C	Stype			V1+	V2-	V4-		
Multisync Y	Range	30-65	55-90	V1-	V3+		Recall:	
Multimode N	MOST MODES	INTERLACED IN 8514A MODE.						

NANA0		Horizontal	Vertical	Connector Pins			Grounds
F550I-W, F560I-W, F7	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter# 4	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono C	Stype			V1+	V2-	V4-	
Multisync Y	Range	30-64	50-90	V1-	V3+		Recall: 5-10
Multimode N	VGA, SVGA, 8514/						

NANA0		Horizontal	Vertical	Connector Pins			Grounds
F550I-W, F560I-W, F7	Freq	36.00	58.2	Red	RedI		
	Pix	800	600	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.19 (84)	0.05 (81)	Blu	BluI		
Interlace	N Bpor	4.25 (85)	0.14 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.12 (86)	0.33 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode	1						

NANA0		Horizontal	Vertical	Connector Pins			Grounds
F550I-W, F560I-W, F7	Freq	47.62	59.5	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	1.25 (84)	0.126 (81)	Blu	BluI		
Interlace	N Bpor	2.3 (85)	0.504 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.45 (86)	0.063 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode	2						

NANA0		Horizontal	Vertical	Connector Pins			Grounds
F550I-W, F560I-W, F7	Freq	59.50	73.5	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.775 (84)	0.151 (81)	Blu	BluI		
Interlace	N Bpor	1.63 (85)	0.47 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.6 (86)	0.084 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode	3						

NANA0		Horizontal	Vertical	Connector Pins			Grounds
F550I-W, F560I-W, F7	Freq	64.27	60.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.296 (84)	0.124 (81)	Blu	BluI		
Interlace	N Bpor	2.82 (85)	0.498 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	0.593 (86)	0.078 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	G	G	V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode	4						

NANA0		Horizontal	Vertical	Connector Pins			Grounds	
F550IW (2ND)	Freq			Red	RedI			
FLEXISCAN 17"	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range27-65		55-90	V1-	V3+		Recall:	
Multimode	N MOST MODES	INTERLACED IN 8514A MODE.						

NANA0		Horizontal	Vertical	Connector Pins			Grounds	
F750I	Freq			Red	RedI			
FLEXISCAN 21"	Pix	1280	1024	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range30-78		55-90	V1-	V3+		Recall:	
Multimode	N MOST MODES	INTERLACED IN 8514A MODE.						

NANA0		Horizontal	Vertical	Connector Pins			Grounds	
F760IW (2ND)	Freq			Red	RedI			
FLEXISCAN 21"	Pix	1600	1200	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range30-78		55-90	V1-	V3+		Recall:	
Multimode	N MOST MODES	INTERLACED IN 8514A MODE.						

NANA0		Horizontal	Vertical	Connector Pins			Grounds
F780IW	Freq			Red	RedI		
FLEXISCAN	Pix	1600	1200	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	45-100	55-120	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 8514A					

NANA0		Horizontal	Vertical	Connector Pins			Grounds
T560I (3RD)	Freq			Red	RedI		
FLEXISCAN 17"	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-82	55-90	V1-	V3+		Recall:
Multimode	N	MOST MODES INTERLACED IN 8514A MODE.					

NANA0		Horizontal	Vertical	Connector Pins			Grounds
T560I, T660I (EARLY)	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-64	50-90	V1-	V3+		Recall: 5-10
Multimode	N	VGA, SVGA, 8514/USE NANA0 9 PIN TO 15 PIN CABLE					

NANA0		Horizontal	Vertical	Connector Pins			Grounds
T560I, T660I (EARLY)	Freq	36.00	58.2	Red	RedI		
	Pix	800	600	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.19 (84)	0.05 (81)	Blu	BluI		
Interlace	N Bpor	4.25 (85)	0.14 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.12 (86)	0.33 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode	1						

NANA0		Horizontal	Vertical	Connector Pins			Grounds
T560I, T660I (EARLY)	Freq	47.62	59.5	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	1.25 (84)	0.126 (81)	Blu	BluI		
Interlace	N Bpor	2.3 (85)	0.504 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.45 (86)	0.063 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode	2						

NANA0		Horizontal	Vertical	Connector Pins			Grounds
T560I, T660I (EARLY)	Freq	59.50	73.5	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.775 (84)	0.151 (81)	Blu	BluI		
Interlace	N Bpor	1.63 (85)	0.47 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.6 (86)	0.084 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode	3						

NANA0		Horizontal	Vertical	Connector Pins			Grounds
T560I, T660I (EARLY)	Freq	64.27	60.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.296 (84)	0.124 (81)	Blu	BluI		
Interlace	N Bpor	2.82 (85)	0.498 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	0.593 (86)	0.078 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	G	G	V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode	4						

NANA0		Horizontal	Vertical	Connector Pins			Grounds
T560I, T660I (LATE)		Freq		Red	RedI		
	Adapter#	1280	1024	Grn	GrnI		Ang Gnd:
	Interlace	Fpor (84)	(81)	Blu	BluI		
	Video Type	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range30-64	50-90	V1-	V3+		Recall: 5-10
		VGA, SVGA, 8514/					

NANA0		Horizontal	Vertical	Connector Pins			Grounds
T560I, T660I (LATE)		Freq		Red	RedI		
	Adapter#	36.00	58.2	Grn	GrnI		Ang Gnd:
	Interlace	Pix 800	600	Blu	BluI		
	Video Type	Fpor 0.19 (84)	0.05 (81)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Bpor 4.25 (85)	0.14 (82)	Hsyn	V2+	V4+	
	Multisync	Sync 1.12 (86)	0.33 (83)	V1+	V2-	V4-	
	Multimode	Range		V1-	V3+		Recall:

NANA0		Horizontal	Vertical	Connector Pins			Grounds
T560I, T660I (LATE)		Freq		Red	RedI		
	Adapter#	47.62	59.5	Grn	GrnI		Ang Gnd:
	Interlace	Pix 1024	768	Blu	BluI		
	Video Type	Fpor 1.25 (84)	0.126 (81)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Bpor 2.3 (85)	0.504 (82)	Hsyn	V2+	V4+	
	Multisync	Sync 1.45 (86)	0.063 (83)	V1+	V2-	V4-	
	Multimode	Stype -	-	V1-	V3+		Recall:

NANA0		Horizontal	Vertical	Connector Pins			Grounds
T560I, T660I (LATE)		Freq		Red	RedI		
	Adapter#	59.50	73.5	Grn	GrnI		Ang Gnd:
	Interlace	Pix 1024	768	Blu	BluI		
	Video Type	Fpor 0.775 (84)	0.151 (81)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Bpor 1.63 (85)	0.47 (82)	Hsyn	V2+	V4+	
	Multisync	Sync 1.6 (86)	0.084 (83)	V1+	V2-	V4-	
	Multimode	Stype -	-	V1-	V3+		Recall:

NANA0		Horizontal	Vertical	Connector Pins			Grounds
T560I, T660I (LATE)		Freq		Red	RedI		
	Adapter#	64.27	60.0	Grn	GrnI		Ang Gnd:
	Interlace	Pix 1280	1024	Blu	BluI		
	Video Type	Fpor 0.296 (84)	0.124 (81)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Bpor 2.82 (85)	0.498 (82)	Hsyn	V2+	V4+	
	Multisync	Sync 0.593 (86)	0.078 (83)	V1+	V2-	V4-	
	Multimode	Stype G	G	V1-	V3+		Recall:

NANA0		Horizontal	Vertical	Connector Pins			Grounds
T560IW (2ND)		Freq		Red	RedI		
	Adapter#	1280	1024	Grn	GrnI		Ang Gnd:
	Interlace	Fpor (84)	(81)	Blu	BluI		
	Video Type	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range30-82	55-90	V1-	V3+		Recall:
		MOST MODES INTERLACED IN 8514A MODE.					

NANA0		Horizontal	Vertical	Connector Pins			Grounds
T660I (3RD)		Freq		Red	RedI		
	Adapter#	1280	1024	Grn	GrnI		Ang Gnd:
	Interlace	Fpor (84)	(81)	Blu	BluI		
	Video Type	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range30-82	55-90	V1-	V3+		Recall:
		MOST MODES INTERLACED IN 8514A MODE.					

NANA0		Horizontal	Vertical	Connector Pins			Grounds
6500		Freq		Red	RedI		
FLEISCAN 6500		Pix	1600	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	Blu	BluI		
Interlace		Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync	Y	Range	31.5-80	V1-	V3+		Recall: 5-8
Multimode	Y	VGA, SVGA					

NANA0		Horizontal	Vertical	Connector Pins			Grounds
6500		Freq		Red	RedI		
FLEISCAN 21"		Pix	1200	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync	N	Range	31.5/80	V1-	V3+		Recall:
Multimode	Y	DIGITAL, ANALOG	DIGITAL, ANALOG, ECL				

NCD		Horizontal	Vertical	Connector Pins			Grounds
NCD 17c		Freq	56.26	Red	17 RedI		
		Pix	1024	Grn	16 GrnI		Ang Gnd:
Adapter#		Fpor	0.103 (84)	Blu	15 BluI		7,9,25
Interlace	N	Bpor	1.65 (85)	Vsyn	26 Csyn	V3-	Dig Gnd:
Video Type	A	Sync	2.79 (86)	Hsyn	18 V2+	V4+	4,6,8,12
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							PINS #1,3,10,13,20, ARE 5V. PINS 5,22, ARE 12V. PIN

NCR		Horizontal	Vertical	Connector Pins			Grounds
3295-0210		Freq	23.60	Red	3 RedI	6	
		Pix	640	Grn	4 GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	5 BluI		9
Interlace		Bpor	(85)	Vsyn	7 Csyn	V3-	Dig Gnd:
Video Type	D	Sync	(86)	Hsyn	8 V2+	V4+	
Color/Mono	C	Stype	-	V1+	V2-	V4-	
Multisync		Range	-	V1-	V3+		Recall:
Multimode							

NEC		Horizontal	Vertical	Connector Pins			Grounds
3FG8		Freq		Red	RedI		
		Pix	1024 MAX	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype	C	V1+	V2-	V4-	
Multisync	Y	Range	27-57	V1-	V3+		Recall:
Multimode	N		55-90				

NEC		Horizontal	Vertical	Connector Pins			Grounds
4DS-JC1601VMA		Freq		Red	RedI		
		Pix	1024	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range	27-57	V1-	V3+		Recall: 5-11
Multimode			1024 x 768 at 70 Hz				

NEC		Horizontal	Vertical	Connector Pins			Grounds
4FG		Freq		Red	RedI		
		Pix	1024 MAX	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype	C	V1+	V2-	V4-	
Multisync	Y	Range	27-57	V1-	V3+		Recall:
Multimode	N		55-90				

NEC		Horizontal	Vertical	Connector Pins			Grounds
5D	Freq	1280	1024	Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-66	50-90	V1-	V3+		Recall:
Multimode							

NEC		Horizontal	Vertical	Connector Pins			Grounds
JB-1611	Freq	76.00	70.0	Red	RedI		
	Pix	1024	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.5 (84)	0.039 (81)	Blu	BluI		4,5
Interlace	N Bpor	2.6 (85)	0.563 (82)	Vsyn 1	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1 (86)	0.209 (83)	Hsyn 2	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

Video input is on coax

NEC		Horizontal	Vertical	Connector Pins			Grounds
JC-1431VMA	Freq			Red	RedI		
SVGA	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range	31.5/48	50-90	V1-	V3+		Recall:
Multimode		VGA, SVGA, VESA,					

NEC		Horizontal	Vertical	Connector Pins			Grounds
JC-1531	Freq			Red	RedI		
MULTISYNC 3FGS & 4	Pix	1024 MAX	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	C	C	V1+	V2-	V4-	
Multisync	Y Range	27-57	55-90	V1-	V3+		Recall:
Multimode	N						

NEC		Horizontal	Vertical	Connector Pins			Grounds
JC-1531VMA-3	Freq			Red	RedI		
MULTISYNC 4FGs	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	31-62	55-90	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A ONLY					

NEC		Horizontal	Vertical	Connector Pins			Grounds
JC-1532VMA-2	Freq			Red	RedI		
MULTISYNC 3FGs	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	31-50	55-90	V1-	V3+		Recall:
Multimode	Y	VGA, SVGA, VESA, INTERLACED IN 8514A ONLY					

NEC		Horizontal	Vertical	Connector Pins			Grounds
JC-1535VMA	Freq			Red	RedI		
MULTISYNC 3V	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	31-50	55-90	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A ONLY					

NEC		Horizontal	Vertical	Connector Pins			Grounds
JC-1731VMA-3	Freq			Red	RedI		
MULTISYNC 5FG	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range	31-62	55-90	V1-	V3+		Recall:
Multimode	VGA, SVGA, VESA, INTERLACED IN 8514A ONLY						

NEC		Horizontal	Vertical	Connector Pins			Grounds
JC-1741VMA-3	Freq			Red	RedI		
MULTISYNC 5FG	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range	27-79	55-90	V1-	V3+		Recall:
Multimode	VGA, SVGA, VESA, INTERLACED IN 8514A ONLY						

NEC		Horizontal	Vertical	Connector Pins			Grounds
JC-2141VMA-3	Freq			Red	RedI		
MULTISYNC 6FG	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range	27-79	55-90	V1-	V3+		Recall:
Multimode	VGA, SVGA, VESA, INTERLACED IN 8514A ONLY						

NEC		Horizontal	Vertical	Connector Pins			Grounds
JC1403	Freq	35.40	70.0	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	VGA WILL ALSO DO VGA; same as NEC 2A						

NEC		Horizontal	Vertical	Connector Pins			Grounds
PG2710	Freq			Red	RedI		
MULTISYNC 3PG	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range	15-38	40-100	V1-	V3+		Recall: 0,2,5-7
Multimode	NTSC, CGA, EGA, V						

NEC		Horizontal	Vertical	Connector Pins			Grounds
PG6000	Freq			Red	RedI		
MULTISYNC 6PG	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range	15-61.1	30-150	V1-	V3+		Recall: 0,2,5-12
Multimode	NTSC, CGA, EGA, V						

NEC		Horizontal	Vertical	Connector Pins			Grounds
PG9000	Freq			Red	RedI		
MULTISYNC 9PG	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range	15-90	38-150	V1-	V3+		Recall: 0,2,5-12
Multimode	NTSC, CGA, EGA, V						

NIESHO CM2086A35G		Horizontal	Vertical	Connector Pins			Grounds
	Freq	64.00	60.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.374 (84)	0.047 (81)	Blu	BluI		
Interlace	N Bpor	2.24 (85)	0.547 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.12 (86)	0.047 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

OGIVAR CH1413H		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	720	350	Grn	GrnI		Ang Gnd:
Adapter#	1 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range	15.8/18.4	60.5/50	V1-	V3+		Recall: 0,1
Multimode	Y CGA,MDA						

OPTIQUEST 1000D		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	31.5-48		V1-	V3+		Recall: 11,30
Multimode	N IBM,VESA,+						

OPTIQUEST 1000S		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range	31.5/48		V1-	V3+		Recall: 11,30
Multimode	Y IBM,VESA,+						

OPTIQUEST 1500D		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-65	50-110	V1-	V3+		Recall:
Multimode	N VGA,SVGA,VESA,INTERLACED IN 8514A MODE.						

OPTIQUEST 2000DC		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-65	50-110	V1-	V3+		Recall: 5-9
Multimode	N VGA,SVGA,8514AINTERLACED IN 8514A ONLY.						

OPTIQUEST 2000DX		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	31-60	50-90	V1-	V3+		Recall: 11,30
Multimode	N IBM,VESA,+						

OPTIQUEST 4000D		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31-64	50-90	V1-	V3+	Recall: 5-9,+
Multimode	N	VGA, SVGA, XGA, 8					

OPTIQUEST 4000DX		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31-60	50-90	V1-	V3+	Recall: 11,30
Multimode	N	VGA, SVGA, 8514A					

OPTIQUEST 2000 15" COLOR		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range	31.5/48	40-87	V1-	V3+	Recall: 5-9,+
Multimode	Y	VGA, SVGA, 8514A INTERLACED IN 8514A MODE.					

PACKARD BELL PB1518DT		Horizontal	Vertical	Connector Pins			Grounds
	Freq	62.75	60.0	Red	RedI		
	Pix	1006	1048	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

PACKARD BELL PB8508VG		Horizontal	Vertical	Connector Pins			Grounds
	Freq	35.10		Red	RedI		
	Pix	720	400	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range		50-70	V1-	V3+	Recall: 5-7
Multimode		VGA					

PACKARD BELL PB8509VG		Horizontal	Vertical	Connector Pins			Grounds
	Freq	35.10		Red	RedI		
	Pix	720	400	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range		50-70	V1-	V3+	Recall: 5-7
Multimode		VGA					

PACKARD BELL PB8528SVG		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range	31.5-38.0	55-87	V1-	V3+	Recall: 7-9
Multimode		VGA, SVGA, 8514/INTERLACED IN 8514A MODE					

PACKARD BELL PB8529VG		Horizontal	Vertical	Connector Pins			Grounds
	Freq	35.10		Red	RedI		
	Pix	720	400	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range		50-70	V1-	V3+		Recall: 5-7
Multimode	VGA						

PACKARD BELL PB8538SVG		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	CX Stype			V1+	V2-	V4-	
Multisync	Range	31.5-38.0	55-87	V1-	V3+		Recall: 7-9
Multimode	VGA, SVGA, 8514/INTERLACED IN 8514A MODE						

PACKARD BELL PB8538SVGA		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red 1	RedI		4-8, 10, 11
	Pix	1024	768	Grn 2	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu 3	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	31.5-35.5	50-90	V1-	V3+		Recall: 5, 6, 7, 8, 9
Multimode	N SVGA		INTERLACED IN 1024 X 768 ONLY.				

PACKARD BELL PB8539V		Horizontal	Vertical	Connector Pins			Grounds
	Freq	35.10		Red	RedI		
	Pix	720	400	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range		50-70	V1-	V3+		Recall: 5-7
Multimode	VGA						

PACKARD BELL PB8542VG		Horizontal	Vertical	Connector Pins			Grounds
	Freq	35.10		Red	RedI		
	Pix	720	400	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range		60-70	V1-	V3+		Recall: 5-7
Multimode	VGA						

PACKARD BELL PB8551VG		Horizontal	Vertical	Connector Pins			Grounds
	Freq	35.10		Red	RedI		
	Pix	720	400	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range		60-70	V1-	V3+		Recall: 5-7
Multimode	VGA						

PANASONIC A1497A, B TX		Horizontal	Vertical	Connector Pins			Grounds
	Freq	62.90	74.9	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.756 (84)	0.064 (81)	Blu	BluI		
Interlace	N Bpor	1.51 (85)	1.02 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.51 (86)	0.064 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	G	G	V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode							

PANASONIC		Horizontal	Vertical	Connector Pins			Grounds
TX-1213FH		Freq	15.98	62.4	Red	RedI	
		Pix	740	580	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	4.3 (84)	0.93 (81)	Blu	BluI	
Interlace	N	Bpor	9.2 (85)	2.1 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	D	Sync	4.4 (86)	0.5 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode							

PANASONIC		Horizontal	Vertical	Connector Pins			Grounds
TX-1703MAA		Freq			Red	RedI	
FS DIGITAL MULTI-SPIX		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#	4,6	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-64	50-90	V1-	V3+	Recall: 5,7-11
Multimode	N		VGA, SVGA, 8514A	INTERLACED IN 8514A MODE			

PANASONIC		Horizontal	Vertical	Connector Pins			Grounds
TX-2013MAA		Freq			Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#	4,6	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-64	50-90	V1-	V3+	Recall: 5,7-11
Multimode	N		VGA, SVGA, 8514A	INTERLACED IN 8514A MODE			

PANASONIC-MODES		Horizontal	Vertical	Connector Pins			Grounds
8514/A		Freq	35.52	87.0	Red	RedI	
VARIOUS MODELS		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.18 (84)	0.014 (81)	Blu	BluI	
Interlace	Y	Bpor	1.25 (85)	0.577 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	3.92 (86)	0.113 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	+	+	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall: 9
Multimode			8514/A				

PANASONIC-MODES		Horizontal	Vertical	Connector Pins			Grounds
MACII		Freq	35.00	66.7	Red	RedI	
VARIOUS MODELS		Pix	640	480	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	2.08 (84)	0.086 (81)	Blu	BluI	
Interlace	N	Bpor	3.25 (85)	1.114 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	2.08 (86)	0.086 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall: 10
Multimode			MACII				

PANASONIC-MODES		Horizontal	Vertical	Connector Pins			Grounds
STD-1024x768		Freq	48.37	60.5	Red	RedI	
VARIOUS MODELS		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.75 (84)	0.021 (81)	Blu	BluI	
Interlace	N	Bpor	1.99 (85)	0.578 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	1.99 (86)	0.062 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	G	G	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall: 11
Multimode			STD-1024x768				

PANASONIC-MODES		Horizontal	Vertical	Connector Pins			Grounds
STD-1280x1024		Freq	63.70	60.0	Red	RedI	
VARIOUS MODELS		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.4 (84)	0.047 (81)	Blu	BluI	
Interlace	N	Bpor	2.18 (85)	0.502 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	1.42 (86)	0.047 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	G	G	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode			STD-1280x1024				

PANASONIC-MODES		Horizontal	Vertical	Connector Pins			Grounds
SVGA		Freq	35.16	56.2	Red	RedI	
VARIOUS MODELS		Pix	800	600	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.67 (84)	0.03 (81)	Blu	BluI	
Interlace	N	Bpor	3.55 (85)	0.63 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	2 (86)	0.06 (83)	Hsyn	V2+	V4+
Color/Mono		Stype	+	+	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall: 8
Multimode		SVGA					

PANASONIC-MODES		Horizontal	Vertical	Connector Pins			Grounds
VGA350-50HZ		Freq	31.47	50.0	Red	RedI	
VARIOUS MODELS		Pix	640	350	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.636 (84)	4.035 (81)	Blu	BluI	
Interlace	N	Bpor	1.907 (85)	4.767 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	3.813 (86)	0.064 (83)	Hsyn	V2+	V4+
Color/Mono		Stype	+	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode		VGA350-50HZ					

PANASONIC-MODES		Horizontal	Vertical	Connector Pins			Grounds
VGA350-60HZ		Freq	31.47	60.0	Red	RedI	
VARIOUS MODELS		Pix	640	350	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.636 (84)	2.351 (81)	Blu	BluI	
Interlace	N	Bpor	1.907 (85)	3.147 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	3.813 (86)	0.064 (83)	Hsyn	V2+	V4+
Color/Mono		Stype	+	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode		VGA350-60HZ					

PANASONIC-MODES		Horizontal	Vertical	Connector Pins			Grounds
VGA350-70HZ		Freq	31.47	70.0	Red	RedI	
VARIOUS MODELS		Pix	640	350	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.636 (84)	1.176 (81)	Blu	BluI	
Interlace	N	Bpor	1.907 (85)	1.906 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	3.813 (86)	0.064 (83)	Hsyn	V2+	V4+
Color/Mono		Stype	+	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall: 5
Multimode		VGA350-70HZ					

PANASONIC-MODES		Horizontal	Vertical	Connector Pins			Grounds
VGA400-50HZ		Freq	31.47	50.0	Red	RedI	
VARIOUS MODELS		Pix	640	400	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.636 (84)	3.242 (81)	Blu	BluI	
Interlace	N	Bpor	1.907 (85)	3.972 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	3.813 (86)	0.064 (83)	Hsyn	V2+	V4+
Color/Mono		Stype	-	+	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode		VGA400-50HZ					

PANASONIC-MODES		Horizontal	Vertical	Connector Pins			Grounds
VGA400-60HZ		Freq	31.47	60.0	Red	RedI	
VARIOUS MODELS		Pix	640	400	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.636 (84)	1.557 (81)	Blu	BluI	
Interlace	N	Bpor	1.907 (85)	2.352 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	3.813 (86)	0.064 (83)	Hsyn	V2+	V4+
Color/Mono		Stype	-	+	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode		VGA400-60HZ					

PANASONIC-MODES		Horizontal	Vertical	Connector Pins			Grounds
VGA400-70HZ		Freq	31.47	70.0	Red	RedI	
VARIOUS MODELS		Pix	640	400	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.636 (84)	0.381 (81)	Blu	BluI	
Interlace	N	Bpor	1.907 (85)	1.112 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	3.813 (86)	0.064 (83)	Hsyn	V2+	V4+
Color/Mono		Stype	-	+	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode		VGA400-70HZ					

PANASONIC-MODES		Horizontal	Vertical	Connector Pins			Grounds
VGA480-50HZ		Freq	31.47		Red	RedI	
VARIOUS MODELS		Pix	640		Grn	GrnI	Ang Gnd:
Adapter#	Fpor	0.636 (84)	1.97 (81)	Blu	BluI		
Interlace	N Bpor	1.907 (85)	2.701 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	3.813 (86)	0.064 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	VGA480-50HZ						

PANASONIC-MODES		Horizontal	Vertical	Connector Pins			Grounds
VGA480-60		Freq	31.47		Red	RedI	
VARIOUS MODELS		Pix	640		Grn	GrnI	Ang Gnd:
Adapter#	Fpor	0.636 (84)	0.318 (81)	Blu	BluI		
Interlace	N Bpor	1.907 (85)	1.048 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	3.813 (86)	0.064 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall: 7
Multimode	VGA480-60HZ						

PHILIPS		Horizontal	Vertical	Connector Pins			Grounds
1435LE		Freq			Red	RedI	
	Pix	1024	768		Grn	GrnI	Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range	31.5/35.5	50-100	V1-	V3+		Recall: 5,7-9
Multimode	Y	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY					

PHILIPS		Horizontal	Vertical	Connector Pins			Grounds
1520AS		Freq			Red	RedI	
	Pix	1024	768		Grn	GrnI	Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-58	50-100	V1-	V3+		Recall:
Multimode	N	ALL VGA & 1024 INTERLACED IN 8514A MODE.					

PHILIPS		Horizontal	Vertical	Connector Pins			Grounds
1720DC		Freq			Red	RedI	
	Pix	1280	1024		Grn	GrnI	Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-82	50-120	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A MODE.					

PHILIPS		Horizontal	Vertical	Connector Pins			Grounds
1762DT		Freq			Red	RedI	
	Pix	1280	1024		Grn	GrnI	Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-64	50-100	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 8514A INTERLACE IN 8514A ONLY					

PHILIPS		Horizontal	Vertical	Connector Pins			Grounds
2082DC		Freq			Red	RedI	
	Pix	1280	1024		Grn	GrnI	Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-82	50-160	V1-	V3+		Recall:
Multimode	N	VESA, MACII, SPA INTERLACED IN 8514A ONLY.					

PHILIPS FLC20KR		Horizontal	Vertical	Connector Pins			Grounds
	Freq	40.00	60.0	Red	RedI		
	Pix	768	512	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	0.4 (84)	1.5 (81)	Blu	BluI	
Interlace		Bpor	3.2 (85)	2.1 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	2.4 (86)	0.075 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

PHILIPS 8399		Horizontal	Vertical	Connector Pins			Grounds
	Freq	68.20	64.0	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	0.407 (84)	0.059 (81)	Blu	BluI	
Interlace	N	Bpor	1.9 (85)	0.498 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	1.49 (86)	0.059 (83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N						

PHILLIPS 1435L		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red 1	RedI		
	Pix	1024	768	Grn 2	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu 3	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn 14	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn 13	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5-35.5	50-100	V1-	V3+	Recall:
Multimode	N	VGA, SVGA	14" DUAL	VGA/SVGA			

PRINCETON ULTRA 14		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	800	600	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range	15-38	45-120	V1-	V3+	Recall:
Multimode							

PRINCETON SR12		Horizontal	Vertical	Connector Pins			Grounds
	Freq	31.40	60.0	Red	RedI		
	Pix	640	400	Grn	GrnI		Ang Gnd:
Adapter#	1	Fpor	0.55 (84)	1.6 (81)	Blu	BluI	
Interlace		Bpor	6.56 (85)	2.14 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	D	Sync	2.38 (86)	0.19 (83)	Hsyn	V2+	V4+
Color/Mono		Stype	+	+	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode		CGA/MDA	CGA/MDA				

RADIUS 0031		Horizontal	Vertical	Connector Pins			Grounds
	Freq	64.80	70.4	Red	RedI		
	Pix	1152	882	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	0.161 (84)	0.001 (81)	Blu	BluI	
Interlace	N	Bpor	1.93 (85)	0.365 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	1.77 (86)	0.232 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	C	C	V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N						

RADIUS 0194		Horizontal	Vertical	Connector Pins			Grounds
	Freq	64.10	66.9	Red 1	RedI		
	Pix	640	864	Grn	GrnI		Ang Gnd: 2,3
Adapter#		Fpor	0.156 (84)	0.25 (81)	Blu	BluI	
Interlace	N	Bpor	0.156 (85)	0.265 (82)	Vsyn 5	Csyn	V3- Dig Gnd:
Video Type	A	Sync	2.8 (86)	0.499 (83)	Hsyn 4	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0217		Freq 64.80	70.4	Red	RedI		
TPD/21		Pix 1152	882	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 0.161 (84)	0.001 (81)	Blu	BluI		
Interlace	N	Bpor 1.93 (85)	0.365 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.77 (86)	0.232 (83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype C	C	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:

FOR MAC AND PC

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0218		Freq 64.80	70.4	Red	RedI		
TPD/19		Pix 1152	882	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 0.161 (84)	0.001 (81)	Blu	BluI		
Interlace	N	Bpor 1.93 (85)	0.365 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.77 (86)	0.232 (83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype C	C	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:

FOR MAC AND PC

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0220		Freq 64.80	65.0	Red	RedI		
TPD (PC)		Pix 1280	960	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.214 (84)	0.001 (81)	Blu	BluI		
Interlace	N	Bpor 2 (85)	0.339 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.79 (86)	0.247 (83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync	Y	Range 64.8	65-73	V1-	V3+		Recall:
Multimode	N						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0233		Freq 68.90	75.0	Red	RedI		
COLOR PIVOT (MAC)		Pix 640	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.559 (84)	0.044 (81)	Blu	BluI		
Interlace	N	Bpor 1.4 (85)	0.61 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.4 (86)	0.044 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0276		Freq 68.50	75.0	Red	RedI		
MONO PIVOT (MAC)		Pix 640	870	Grn	GrnI		Ang Gnd:
Adapter#	5	Fpor 1.13 (84)	0.044 (81)	Blu	BluI		
Interlace	N	Bpor 1.13 (85)	0.54 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.13 (86)	0.044 (83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype -	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0277		Freq 68.90	75.0	Red	RedI		
COLOR PIVOT (MAC)		Pix 640	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.559 (84)	0.044 (81)	Blu	BluI		
Interlace	N	Bpor 1.4 (85)	0.61 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.4 (86)	0.044 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0287		Freq 64.80	71.0	Red	RedI		
21" COLOR (MAC)		Pix 1152	882	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.161 (84)	0.001 (81)	Blu	BluI		
Interlace	N	Bpor 1.93 (85)	0.355 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.93 (86)	0.232 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype C	C	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0311	Freq	68.90	75.0	Red	RedI		
FPD (MAC)	Pix	640	870	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.559 (84)	0.044 (81)	Blu	BluI		
Interlace	N Bpor	1.4 (85)	0.61 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.4 (86)	0.044 (83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode							

RADIUS		Horizontal	Vertical	Connector Pins			Grounds	
0320	Freq			Red	RedI			
FULL PAGE PIVOT	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range	48	60-107	V1-	V3+		Recall:	
Multimode		768 x 1024 landscape; PC						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds	
0322	Freq			Red	RedI			
PRECISION COLOR/20	Pix	1280	1024	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	B Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range	30-71	?-75	V1-	V3+		Recall: 5-12	
Multimode		FOR PC OR MAC						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds	
0348	Freq	68.00	75.0	Red	RedI			
COLOR DISPLAY/21	Pix	1152	870	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Range			V1-	V3+		Recall:	
Multimode		FOR MAC						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds	
0350	Freq			Red	RedI			
PRECISION COLOR/19	Pix	1280	960	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range	30-67	?-72	V1-	V3+		Recall:	
Multimode		FOR MAC OR PC						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds	
0356	Freq		72.0	Red	RedI			
PRECISION COLOR PI	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype	-	-	V1+	V2-	V4-		
Multisync	Y Range	30-60	50-90	V1-	V3+		Recall:	
Multimode	N	FOR MAC						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds	
0356	Freq	35.00	66.7	Red	RedI			
PRECISION COLOR PI	Pix	640	480	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	2.12 (84)	0.086 (81)	Blu	BluI			
Interlace	N Bpor	3.17 (85)	1.11 (82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	Sync	2.12 (86)	0.086 (83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	N Range			V1-	V3+		Recall:	
Multimode	1	FOR MAC						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0356	Freq	48.00	72.0	Red	RedI		
PRECISION COLOR	PIPix	832	624	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	2	FOR MAC					

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0356	Freq	68.90	75.0	Red	RedI		
PRECISION COLOR	PIPix	640	870	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.559 (84)	0.044 (81)	Blu	BluI		
Interlace	N Bpor	1.4 (85)	0.61 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.4 (86)	0.044 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	3	FOR MAC					

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0357	Freq	65.00	71.0	Red	RedI		
TPD/21E	Pix	1152	870	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	N						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0361	Freq	68.90	75.0	Red	RedI		
MONO PIVOT (MAC)	Pix	640	870	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.559 (84)	0.044 (81)	Blu	BluI		
Interlace	N Bpor	1.4 (85)	0.61 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.4 (86)	0.044 (83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	N						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0362	Freq	68.90	75.0	Red	RedI		
FPD (MAC)	Pix	640	870	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.559 (84)	0.044 (81)	Blu	BluI		
Interlace	N Bpor	1.4 (85)	0.61 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.4 (86)	0.044 (83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode							

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0379	Freq	48.00	72.0	Red	RedI		
COLOR PIVOT/LE	Pix	832	624	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode		624 x 832 landscape; MAC					

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0381	Freq			Red	RedI		
INTELLICOLOR DISPL	Pix	1600	1200	Grn	GrnI		Ang Gnd:
Adapter#	5 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-85	50-160	V1-	V3+		Recall: 10, 19, 21, 2
Multimode	N						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0427	Freq			Red	RedI		
PRECISION COLOR/20	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	5 Fpor		(84)	(81) Blu	BluI		
Interlace	N Bpor		(85)	(82) Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync		(86)	(83) Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-68	50-90	V1-	V3+		Recall: SEE NOTES
Multimode	N						

RECALLS 7, 10, 21, 22, 25, 26, 30, 32, 39

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0436	Freq	68.70	75.0	Red	RedI		
TPD/20gs	Pix	1152	870	Grn	GrnI		Ang Gnd:
Adapter#	5 Fpor	0.32	(84)	0.044	(81) Blu	BluI	
Interlace	N Bpor	1.44	(85)	0.568	(82) Vsyn	Csyn	V3-
Video Type	A Sync	1.28	(86)	0.044	(83) Hsyn	V2+	V4+
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall: 21
Multimode	N						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0437	Freq	68.70	75.0	Red	RedI		
TPD/21gs	Pix	1152	870	Grn	GrnI		Ang Gnd:
Adapter#	5 Fpor	0.32	(84)	0.044	(81) Blu	BluI	
Interlace	N Bpor	1.44	(85)	0.568	(82) Vsyn	Csyn	V3-
Video Type	A Sync	1.28	(86)	0.044	(83) Hsyn	V2+	V4+
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall: 21
Multimode	N						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
15RAM1	Freq		69.0	Red 1	RedI		
	Pix	640	864	Grn	GrnI		Ang Gnd:
Adapter#	Fpor		(84)	(81) Blu	BluI		2,3
Interlace	N Bpor		(85)	(82) Vsyn	5 Csyn	V3-	Dig Gnd:
Video Type	A Sync		(86)	(83) Hsyn	4 V2+	V4+	
Color/Mono	C Stype	-	+	V1+	V2-	V4-	
Multisync	Y Range	64 or 68		V1-	V3+		Recall:
Multimode							

H freq. depends on serial number

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
15RAM3	Freq		69.0	Red 1	RedI		
FPD	Pix	640	864	Grn	GrnI		Ang Gnd:
Adapter#	Fpor		(84)	(81) Blu	BluI		2,3
Interlace	N Bpor		(85)	(82) Vsyn	5 Csyn	V3-	Dig Gnd:
Video Type	-D Sync		(86)	(83) Hsyn	4 V2+	V4+	
Color/Mono	C Stype	-	+	V1+	V2-	V4-	
Multisync	Y Range	64 or 68		V1-	V3+		Recall:
Multimode							

H freq. depends on serial number

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
FPD	Freq	68.75	67.1	Red	RedI		
	Pix	640	864	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.145	(84)	0.96	(81) Blu	BluI	
Interlace	N Bpor	0.145	(85)	0.001	(82) Vsyn	Csyn	V3-
Video Type	A Sync	2.62	(86)	1.37	(83) Hsyn	V2+	V4+
Color/Mono	C Stype	C	C	V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode							

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
FPD	Freq	64.10	69.0	Red	RedI		
	Pix	640	864	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.195	(84)	0.25	(81) Blu	BluI	
Interlace	N Bpor	0.117	(85)	0.265	(82) Vsyn	Csyn	V3-
Video Type	A Sync	2.81	(86)	0.499	(83) Hsyn	V2+	V4+
Color/Mono	C Stype	C	C	V1+	V2-	V4-	
Multisync	Y Range			V1-	V3+		Recall:
Multimode							

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
GDM-1950		Freq	61.90	67.7	Red	RedI	
		Pix	1024	880	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.35 (84)	0.001 (81)	Blu	BluI	
Interlace	N	Bpor	2.24 (85)	0.468 (82)	Vsyn	Csyn	V3-
Video Type	A	Sync	1.52 (86)	0.048 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
GDM-1971		Freq	64.80	71.0	Red	RedI	
		Pix	1152	882	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0217		Freq	64.79	72.0	Red	RedI	
		Pix	1152	882	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode		TWO PAGE DSP/2					

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0218		Freq	64.79	72.0	Red	RedI	
		Pix	1152	882	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode		TWO PAGE DSP/1					

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0233		Freq	68.98	75.0	Red	RedI	
		Pix	640	870	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	1						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0233		Freq	68.85	85.0	Red	RedI	
		Pix	560	760	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	2						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0276		Freq	68.85	75.0	Red	RedI	
		Pix	640	870	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0277	Freq	68.98	75.0	Red	RedI		
	Pix	640	870	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	1 PIVOT DISPLAY						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0277	Freq	68.85	85.0	Red	RedI		
	Pix	560	760	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	2 PIVOT DISPLAY						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0287	Freq	64.77	77.0	Red	RedI		
DSPLY/21	Pix	1056	807	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	1 WYSIWYG MODE -						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0287	Freq	64.79	71.0	Red	RedI		
DSPLY/21	Pix	1152	882	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	2 TWO PAGE MODE						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0311	Freq	68.85	75.0	Red	RedI		
	Pix	640	870	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0322	Freq	68.68	75.0	Red	RedI		
	Pix	1152	870	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	1 TWO PAGE MODE						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0322	Freq	60.00	75.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	2 WYSIWYG MODE -						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0348		Freq 68.68	75.0	Red	RedI		
DSPLY/21		Pix 1152	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	1	TWO PAGE MODE					

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0348		Freq 68.38	80.0	Red	RedI		
DSPLY/21		Pix 1072	810	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	2	WYSIWYG MODE -					

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0350		Freq 64.79	72.0	Red	RedI		
		Pix 1152	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	1	TWO PAGE MODE					

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0350		Freq 57.83	72.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	2	WYSIWYG MODE -					

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0356		Freq 49.73	75.0	Red	RedI		
		Pix 832	624	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		PRECISION COLO					

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0357		Freq 64.79	72.0	Red	RedI		
		Pix 1152	882	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		TWO PAGE DSP/2					

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0361		Freq 68.85	75.0	Red	RedI		
		Pix 640	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0362		Freq 68.85	75.0	Red	RedI		
		Pix 640	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0379		Freq 48.00	72.0	Red	RedI		
		Pix 832	624	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode		0379 MODE					

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0381		Freq 68.68	75.0	Red	RedI		
		Pix 1152	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	1	INTELLICOLOR D					

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0381		Freq 60.00	75.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	2						

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0387		Freq 68.68	75.0	Red	RedI		
		Pix 1152	882	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	1	TWO PAGE - 038					

RADIUS		Horizontal	Vertical	Connector Pins			Grounds
0387		Freq 60.00	75.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	2	WYSIWYG - 0387					

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
2060A		Freq 48.80	60.0	Red	RedI		
CC		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
2060B		Freq 60.20	75.0	Red	RedI		
CC		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
708+		Freq 48.80	66.7	Red	RedI		
		Pix 800	600	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.96 (84)	0.983 (81)	Blu	BluI		
Interlace	N	Bpor 1.6 (85)	1.53 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync 1.92 (86)	0.123 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	1						

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
708+		Freq 35.00	66.7	Red	RedI		
		Pix 640	480	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 2.12 (84)	0.086 (81)	Blu	BluI		
Interlace	N	Bpor 3.17 (85)	1.11 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync 2.12 (86)	0.086 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	2						

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
8/24 XLI		Freq 70.20	76.5	Red	RedI		
		Pix 640	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.838 (84)	0.043 (81)	Blu	BluI		
Interlace		Bpor 1.12 (85)	0.599 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync 1.12 (86)	0.029 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	1						

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
8/24 XLI		Freq 68.70	75.1	Red	RedI		
		Pix 1152	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.32 (84)	0.044 (81)	Blu	BluI		
Interlace	N	Bpor 1.44 (85)	0.568 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync 1.28 (86)	0.044 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	2						

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
8/24 XLI		Freq 48.80	60.1	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.992 (84)	0.123 (81)	Blu	BluI		
Interlace	N	Bpor 1.98 (85)	0.676 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync 1.49 (86)	0.123 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	3						

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
8/24 XLI		Freq 48.40	66.7	Red	RedI		
		Pix 800	600	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 1.28 (84)	0.983 (81)	Blu	BluI		
Interlace	N	Bpor 1.92 (85)	1.62 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync 1.28 (86)	0.123 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	4						

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
8/24 XLI		Freq 35.00	66.7	Red	RedI		
		Pix 640	480	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 2.13 (84)	0.086 (81)	Blu	BluI		
Interlace	N	Bpor 3.2 (85)	1.11 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync 2.13 (86)	0.086 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	5						

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
GDM-1950		Freq 61.90	67.7	Red	RedI		
		Pix 1024	880	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 0.45 (84)	0.001 (81)	Blu	BluI		
Interlace	N	Bpor 2.24 (85)	0.468 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.52 (86)	0.048 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
GSXL		Freq 68.70	75.1	Red	RedI		
Clear Vue		Pix 1152	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.32 (84)	0.044 (81)	Blu	BluI		
Interlace	N	Bpor 1.44 (85)	0.568 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync 1.28 (86)	0.044 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	1						

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
GSXL		Freq 60.20	75.1	Red	RedI		
Clear Vue		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.4 (84)	0.05 (81)	Blu	BluI		
Interlace	N	Bpor 1.8 (85)	0.48 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync 1.6 (86)	0.033 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	2						

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
GSXL		Freq 70.19	76.5	Red	RedI		
		Pix 640	870	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.838 (84)	0.043 (81)	Blu	BluI		
Interlace	N	Bpor 1.12 (85)	0.598 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type		Sync 1.12 (86)	0.029 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	3						

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
1649		Freq 49.70	75.0	Red	RedI		
SWEET 16		Pix 832	624	Grn	GrnI		Ang Gnd:
Adapter#	5	Fpor 0.8 (84)	0.01 (81)	Blu	BluI		
Interlace	N	Bpor 4.5 (85)	0.6 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 0.8 (86)	0.4 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

use gender changer

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
1902		Freq 63.98	72.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	ECL	Fpor (84)	(81)	Blu	BluI		8,9
Interlace	N	Bpor (85)	(82)	Vsyn 4	Csyn	V3-	Dig Gnd:
Video Type	E	Sync (86)	(83)	Hsyn 3	V2+	V4+	
Color/Mono	M	Stype		V1+ 1	V2-	V4-	
Multisync		Range		V1- 6	V3+		Recall:
Multimode							

RASTER OPS		Horizontal	Vertical	Connector Pins			Grounds
7084	Freq	60.20	75.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	1 (84)	0.05 (81)	Blu	BluI		
Interlace	Bpor	1.8 (85)	0.482 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	1 (86)	0.05 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

RELISYS		Horizontal	Vertical	Connector Pins			Grounds
RE1420	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range30-40		47-89	V1-	V3+		Recall: 5-9,11,+
Multimode	VARIOUS IBM	INTERLACED IN 8514A MODE.					

RELISYS		Horizontal	Vertical	Connector Pins			Grounds
RE1422	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range30-76			V1-	V3+		Recall:
Multimode	VARIOUS IBM,	8INTERLACED IN 8514A MODE.					

RELISYS		Horizontal	Vertical	Connector Pins			Grounds
RE1458/1558	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range30-58		50-120	V1-	V3+		Recall:
Multimode	VARIOUS IBM	INTERLACED IN 1280X1024					

RELISYS		Horizontal	Vertical	Connector Pins			Grounds
RE1776	Freq			Red	RedI		
HI RES MULTISCAN	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range30-76		40-120	V1-	V3+		Recall: 5-9,11,+
Multimode	VARIOUS IBM	INTERLACED IN 8514A MODE.					

RELISYS		Horizontal	Vertical	Connector Pins			Grounds
RE2058	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range31.5-58			V1-	V3+		Recall:
Multimode	VARIOUS IBM						

RELISYS		Horizontal	Vertical	Connector Pins			Grounds
RE2072	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range28-72			V1-	V3+		Recall:
Multimode	VARIOUS IBM						

RELISYS		Horizontal	Vertical	Connector Pins			Grounds
RE9512		Freq	31.50	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall: 6,7
Multimode	N	VGA					

RELISYS		Horizontal	Vertical	Connector Pins			Grounds
RE9513L		Freq	31.50	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall: 6,7
Multimode	N	VGA					

RELISYS		Horizontal	Vertical	Connector Pins			Grounds
RF5155		Freq	35.50	Red	RedI		
	Pix	800	600	Grn	GrnI		Ang Gnd:
Adapter#	1	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall: 5-8
Multimode							

RELISYS		Horizontal	Vertical	Connector Pins			Grounds
RF5155		Freq	15.75	Red	RedI		
	Pix	640	200	Grn	GrnI		Ang Gnd:
Adapter#	1	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	D	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall: 0
Multimode		VGA, SVGA	also VGA & SVGA				

RELISYS		Horizontal	Vertical	Connector Pins			Grounds
RM-9502		Freq		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall: 6,7
Multimode	N	VGA					

ROLAND		Horizontal	Vertical	Connector Pins			Grounds
CD240		Freq		Red	3 RedI	6	
	Pix	720	400	Grn	4 GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	5 BluI	1
Interlace		Bpor	(85)	(82)	Vsyn	9 Csyn	V3-
Video Type	D	Sync	(86)	(83)	Hsyn	8	V2+
Color/Mono	C	Stype			V1+		V4+
Multisync	Y	Range	24-26.5		V1-	V3+	V4-
Multimode			54-60				Recall:

SAMPO		Horizontal	Vertical	Connector Pins			Grounds
BDS-1902		Freq	64.00	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	ECL	Fpor	0.001 (84)	(81)	Blu	BluI	8,9
Interlace	N	Bpor	2.65 (85)	(82)	Vsyn	4 Csyn	V3-
Video Type	E	Sync	1.18 (86)	(83)	Hsyn	3	V2+
Color/Mono	M	Stype			V1+	1	V2-
Multisync		Range			V1-	6	V3+
Multimode							Recall:

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CC9511	Freq			Red	RedI		
DESIGNMASTER	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	46-64	55-65	V1-	V3+		Recall:
Multimode	N CAD,CAM,CAE						

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CCB7571	Freq			Red	RedI		
SYNCMASER 4PLUS	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	C	C	V1+	V2-	V4-	
Multisync	Y Range	30-65	45-90	V1-	V3+		Recall:
Multimode	N VGA, SVGA, 851						

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CJ4681	Freq			Red 1	RedI		6-8,10,11
VGA-GRAPHICMASTER	Pix	720	400	Grn 2	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu 3	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range	31.5	60-70	V1-	V3+		Recall: 5,6,7
Multimode	N VGA						

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CK4644/CK4656	Freq	15.75	60.0	Red 1	RedI		4-8,10,11
	Pix	640	200	Grn 2	GrnI		Ang Gnd:
Adapter#	1 Fpor	(84)	(81)	Blu 3	BluI		
Interlace	Bpor	(85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	D Sync	(86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall: 1
Multimode	Y CGA,MDA,HGC	14"	CGA				

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CM4531,93,92	Freq			Red	RedI		
	Pix	640	350	Grn	GrnI		Ang Gnd:
Adapter#	1,2 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	N Range	15.7,21.8	50-60	V1-	V3+		Recall: 0,1,2
Multimode	Y EGA,CGA,MDA,HGUSE ADAPTER #2 FOR RECALL PRGM #2						

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CSA7571	Freq			Red	RedI		
SYNCMASER 4	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	20-50	50-90	V1-	V3+		Recall:0,1,2,5-7
Multimode	N SVGA,VGA,EGA,CRCL O&1=ADPT #1; RCL 2=#2; RCL 3&4=#3; RCL 5-8=#4.						

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CSF7487	Freq			Red	RedI		
SYNCMASER 5C	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	C	C	V1+	V2-	V4-	
Multisync	Y Range	30-65	45-90	V1-	V3+		Recall:
Multimode	N VGA, SVGA, 851						

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CSG9511		Freq		Red	RedI		
SYNCMaster 6C		Pix	1280	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range	30-78	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, EVG					

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CSJ4927A		Freq		Red	RedI		
SYNCMaster 3N		Pix	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype	C	V1+	V2-	V4-	
Multisync	Y	Range	30-59	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 851					

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CSK5577		Freq		Red	RedI		
SYNCMaster 15C		Pix	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range	30-58	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 851					

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CT4581		Freq		Red	RedI		
SYNCMaster		Pix	800	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range	15-38	V1-	V3+		Recall: 0-2,5-8
Multimode	N	SVGA,VGA,EGA,CRECALL 0&1 USES ADPT #1; RCL 2 = #2; RCL 5-8 = #4.					

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CVB4581		Freq		Red	RedI		
SYNCMaster 2		Pix	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range	31.5-35.5	V1-	V3+		Recall: 5-9
Multimode	N	SVGA, 8514/A, VG					

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CVB4587		Freq		Red	RedI		
SYNCMaster 3		Pix	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range	31.5-35.5	V1-	V3+		Recall: 5-9
Multimode	N	SVGA, 8514/A, VG					

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CVL4955		Freq		Red	RedI		
		Pix	720	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range	31.5	V1-	V3+		Recall:
Multimode	Y	VGA 14" VGA COLOR					

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CVL4955		Freq		Red	RedI		
		Pix	720	400	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range	31.5	60-70	V1-	V3+	Recall:
Multimode	Y	VGA	14"	VGA COLOR			

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CVL4955		Freq		Red	RedI		
		Pix	640	480	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range	31.5	60-70	V1-	V3+	Recall:
Multimode	Y	VGA	14"	VGA COLOR			

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CVM4963T		Freq		Red	RedI		
SYNCMAS-TER 2		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5-35.5	50-86.8	V1-	V3+	Recall:
Multimode	N	SVGA, VGA	ONLY 1024 X 768 RESOLUTION IS INTERLACED				

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
CVM4967T		Freq		Red	RedI		
SYNCMAS-TER 3		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5-35.5	50-86.8	V1-	V3+	Recall:
Multimode	N	SVGA, VGA	ONLY 1024 X 768 RESOLUTION IS INTERLACED				

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
MA2565/MA2675		Freq	18.43	50.0	Red	RedI	
		Pix	720	350	Grn	GrnI	Ang Gnd:
Adapter#	1	Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	D	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall: 1
Multimode	N	HGC, MDA	12"	AMBER			

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
MP4771		Freq		Red	RedI		
SYNCMAS-TER		Pix	800	600	Grn	GrnI	Ang Gnd:
Adapter#	1-4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	Y	Range	15-38	48-72	V1-	V3+	Recall: 0-8
Multimode	N	VGA, SVGA, EGA, CRCL	0&1=ADPT #1; RCL 2=#2; RCL 3&4=#3; RCL 5-8=#4.				

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
ML2611		Freq		Red 1	RedI		4-8,10,11
		Pix	720	400	Grn 2	GrnI	Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu 3	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn 14	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn 13	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	n	Range	31.5	60-70	V1-	V3+	Recall: 4,5,6
Multimode	y	VGA	12"	WHITE VGA			

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
ML4571		Freq	720	400	Red 1	RedI	4-8,10,11
		Pix			Grn 2	GrnI	Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu 3	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn 14	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn 13	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	n	Range	31.5	60-70	V1-	V3+	Recall: 4,5,6
Multimode	y	VGA	14" WHITE VGA				

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
MP5671		Freq	62.76	60.0	Red 14	RedI 15	
		Pix	860	1006	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.15 (84)	0.001 (81)	Blu	BluI	7-10
Interlace	N	Bpor	1.6 (85)	0.541 (82)	Vsyn 2	Csyn	V3- Dig Gnd:
Video Type	A	Sync	1.8 (86)	0.127 (83)	Hsyn 1	V2+	V4+
Color/Mono	M	Stype	-	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
MP5671/MP5771		Freq	62.75	59.9	Red	RedI	
PAGEMASTER/PGMSTR1		Pix	640	870	Grn	GrnI	Ang Gnd:
Adapter#	1	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	E	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall: 1
Multimode	N	HGC					

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
MP5671A		Freq	62.75	59.8	Red	RedI	
		Pix	1006	1048	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	D	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N	HGC	15" FULL PAGE, WHITE				

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
MU9511A		Freq	66.00	63.0	Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type		Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N	DEPENDS ON VID20" DUAL PAGE					

SAMSUNG		Horizontal	Vertical	Connector Pins			Grounds
MZ4571/MZ4575		Freq	720	350	Red	RedI	
		Pix			Grn	GrnI	Ang Gnd:
Adapter#	1	Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	D	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	N	Range	15.7-18.4	50-60	V1-	V3+	Recall: 1
Multimode	Y	HGC,MDA,CGA 14" AMBER					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
CDS5577		Freq			Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	28-59	45-90	V1-	V3+	Recall:
Multimode	N	VGA,SVGA,8514AINTERLACED IN 8514A MODE.					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-428TX		Freq		Red	RedI		
	Adapter# 4,5	Pix 1024	768	Grn	GrnI		Ang Gnd:
	Interface	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync Y	Stype		V1+	V2-	V4-	
	Multimode NY	Range31.5-48	43.5-70	V1-	V3+		Recall: 5-10
		VGA, SVGA, 8514/RCL 5-9=ADPTR#4; RCL 10=ADPTR#5					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-428TX		Freq		Red	RedI		
	Adapter# 4	Pix 1024	768	Grn	GrnI		Ang Gnd:
	Interface N	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync N	Stype		V1+	V2-	V4-	
	Multimode Y	Range31.5/48	56/72	V1-	V3+		Recall:5-8,28-31
		VGA, SVGA, XGA, V					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-428TXL		Freq		Red	RedI		
	Adapter# 4	Pix 1024	768	Grn	GrnI		Ang Gnd:
	Interface N	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync N	Stype		V1+	V2-	V4-	
	Multimode Y	Range31.5/48	56/72	V1-	V3+		Recall:5-8,28-31
		VGA, SVGA, XGA, V					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-428UXL		Freq		Red	RedI		
	Adapter# 4	Pix 1024	768	Grn	GrnI		Ang Gnd:
	Interface N	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync N	Stype		V1+	V2-	V4-	
	Multimode Y	Range30-62	50-76	V1-	V3+		Recall:
		VGA, SVGA, XGA, V					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-428V		Freq		Red	RedI		
	Adapter# 4	Pix 1024	768	Grn	GrnI		Ang Gnd:
	Interface Y	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync Y	Stype		V1+	V2-	V4-	
	Multimode N	Range31.5-35.5	43.5-70	V1-	V3+		Recall: 8,9
		SVGA, 8514/A, MARECALL PRGM MAY VARY WITH VIDEO CARD USED					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-428VS		Freq		Red	RedI		
	Adapter# 4	Pix 1027	768	Grn	GrnI		Ang Gnd:
	Interface Y	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync Y	Stype		V1+	V2-	V4-	
	Multimode N	Range31.5-35.5	43.5-70	V1-	V3+		Recall: 8,9
		SVGA, 8514/A RECALL PRGM MAY VARY WITH VIDEO CARD USED					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-428VS+		Freq		Red	RedI		
	Adapter# 4	Pix 1024	768	Grn	GrnI		Ang Gnd:
	Interface N	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync N	Stype		V1+	V2-	V4-	
	Multimode Y	Range31.5/37.8	56/72	V1-	V3+		Recall:
		VGA, SVGA, XGA, V					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-428VX		Freq		Red	RedI		
	Pix	1027	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5-48	43.5-70	V1-	V3+	Recall: 8
Multimode	N	SVGA	RECALL PRGM MAY VARY WITH VIDEO CARD USED				

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-428VXL		Freq		Red	RedI		
	Pix	1027	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5-48	43.5-70	V1-	V3+	Recall: 8
Multimode	N	SVGA, XGA	RECALL PRGM MAY VARY WITH VIDEO CARD USED				

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-431VII		Freq		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5	60-70	V1-	V3+	Recall: 5,7
Multimode	N	VGA	RECALL PRGM MAY VARY WITH VIDEO CARD USED				

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-431VS		Freq		Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5-35.5	43.5-70	V1-	V3+	Recall: 8,9
Multimode	N	SVGA, 8514/A	RECALL PRGM MAY VARY WITH VIDEO CARD USED				

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-441V		Freq		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5	60-70	V1-	V3+	Recall: 5,7
Multimode	N	VGA	RECALL PRGM MAY VARY WITH VIDEO CARD USED				

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-441V		Freq	31.50	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range		60-70	V1-	V3+	Recall: 4,5
Multimode	Y	VGA	RECALL PRGM MAY VARY WITH VIDEO CARD USED				

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-452V		Freq		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5	60-70	V1-	V3+	Recall: 5,7
Multimode	N	VGA	RECALL PRGM MAY VARY WITH VIDEO CARD USED				

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-470		Freq 31.50		Red	RedI		
	Adapter# 4	Pix 640	480	Grn	GrnI		Ang Gnd:
	Interface N	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono M	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync N	Stype		V1+	V2-	V4-	
	Multimode Y	Range 60-70		V1-	V3+		Recall: 4,5

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-528DX		Freq		Red	RedI		
	Adapter# 4,5	Pix 1024	768	Grn	GrnI		Ang Gnd:
	Interface N	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync Y	Stype		V1+	V2-	V4-	
	Multimode N	Range 31.5-58	43.5-72	V1-	V3+		Recall: 5-10
		VGA, SVGA, 8514/RCL 5-9=ADPTR#4; RCL 10=ADPTR#5					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-528DXL		Freq		Red	RedI		
	Adapter# 4	Pix 1024	768	Grn	GrnI		Ang Gnd:
	Interface N	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync N	Stype		V1+	V2-	V4-	
	Multimode Y	Range 31.5/56.4	56/72	V1-	V3+		Recall: 5-8, 28-32
		VGA, SVGA, XGA, V					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-528MXL		Freq		Red	RedI		
	Adapter# 4	Pix 1280	1024	Grn	GrnI		Ang Gnd:
	Interface N	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync Y	Stype		V1+	V2-	V4-	
	Multimode N	Range 30-64	50-76	V1-	V3+		Recall:
		VGA, SVGA, XGA, V					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-528UXL		Freq		Red	RedI		
	Adapter# 4	Pix 1280	1024	Grn	GrnI		Ang Gnd:
	Interface N	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync Y	Stype		V1+	V2-	V4-	
	Multimode N	Range 30-64	50-76	V1-	V3+		Recall:
		VGA, SVGA, XGA, V					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-726MXL		Freq		Red	RedI		
	Adapter# 4	Pix 1280	1024	Grn	GrnI		Ang Gnd:
	Interface N	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync Y	Stype		V1+	V2-	V4-	
	Multimode N	Range 30-82	50-76	V1-	V3+		Recall:
		VGA, SVGA, XGA, V					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-726UXL		Freq		Red	RedI		
	Adapter# 4	Pix 1280	1024	Grn	GrnI		Ang Gnd:
	Interface N	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync Y	Stype		V1+	V2-	V4-	
	Multimode N	Range 30-64	50-76	V1-	V3+		Recall:
		VGA, SVGA, XGA, V					

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SC-726V		Freq		Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	A Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Y Range	31.5-58	V1-	V3+		Recall: 5-10
		N	VGA, SVGA, 8514/RCL	5-9=ADPTR#4; RCL 10=ADPTR#5			

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SM-460		Freq	18.43	Red	RedI		
	Adapter#	Pix		Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	D Sync	(86)	Hsyn	V2+	V4+	
	Multisync	M Stype		V1+	V2-	V4-	
	Multimode	N Range		V1-	V3+		Recall:
				RECALL PRGM MAY VARY WITH VIDEO CARD USED			

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SM-470		Freq		Red	RedI		
	Adapter#	Pix	640	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	A Sync	(86)	Hsyn	V2+	V4+	
	Multisync	M Stype		V1+	V2-	V4-	
	Multimode	N Range		V1-	V3+		Recall: 7
				RECALL PRGM MAY VARY WITH VIDEO CARD USED			

SAMTRON		Horizontal	Vertical	Connector Pins			Grounds
SM-480		Freq	18.4, 15.75	Red	RedI		
	Adapter#	Pix		Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	D Sync	(86)	Hsyn	V2+	V4+	
	Multisync	M Stype		V1+	V2-	V4-	
	Multimode	N Range		V1-	V3+		Recall:
		Y		RECALL PRGM MAY VARY WITH VIDEO CARD USED			

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds
CC-6N		Freq		Red	RedI		
	Adapter#	Pix	1280	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	A Sync	(86)	Hsyn	V2+	V4+	
	Multisync	C Stype		V1+	V2-	V4-	
	Multimode	Y Range	30-60	V1-	V3+		Recall:
		N	VGA, SVGA, 8514A	INTERLACE IN 8514A ONLY			

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds
CE-6N		Freq		Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	A Sync	(86)	Hsyn	V2+	V4+	
	Multisync	C Stype		V1+	V2-	V4-	
	Multimode	Y Range	30-48	V1-	V3+		Recall:
		N	VGA, SVGA, 8514A	INTERLACE IN 8514A ONLY			

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds
CE-8		Freq		Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	A Sync	(86)	Hsyn	V2+	V4+	
	Multisync	C Stype		V1+	V2-	V4-	
	Multimode	Y Range	15-38	V1-	V3+		Recall: 0-10
		Y	VGA, SVGA, MDA, C				

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds
CL-520		Freq		Red	RedI		
	Adapter#	Pix	1280	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range	30-58	V1-	V3+		Recall: 5-10, 30, 32
			50-90				
		VGA, SVGA, 8514/INTERLACED IN 1280 X 1024 MODE ONLY.					

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds
CL-615		Freq		Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range	31.5-56.5	V1-	V3+		Recall: 5-10
			50-90				
		VGA, SVGA, 8514/RCL 5-9=ADPTR #4; RCL 10=ADPTR #5					

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds
CL-617		Freq		Red	RedI		
	Adapter#	Pix	1280	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range	30-66	V1-	V3+		Recall: 5-10, 30, 32
			50-90				
		VGA, SVGA, 8514/INTERLACED IN 1280 X 1024 MODE ONLY.					

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds
CM-4Y		Freq		Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range	31.5-35.5	V1-	V3+		Recall: 5-9
			56-87				
		VGA, SVGA, 8514/					

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds
CM-6L		Freq		Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range	31.5-35.5	V1-	V3+		Recall: 5-9
			56-87				
		VGA, SVGA, 8514/					

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds
CM-6N		Freq		Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range	31.5-48	V1-	V3+		Recall: 5-9, 30, 31
			50-90				
		VGA, SVGA, 8514/					

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds
CM-6Y		Freq		Red	RedI		
	Adapter#	Pix	1024	Grn	GrnI		Ang Gnd:
	Interface	Fpor	(84)	Blu	BluI		
	Video Type	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono	Sync	(86)	Hsyn	V2+	V4+	
	Multisync	Stype		V1+	V2-	V4-	
	Multimode	Range	31.5-35.5	V1-	V3+		Recall: 5-9
			56-87				
		VGA, SVGA, 8514/					

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds	
CS-621		Freq		Red	RedI			
	Pix	1600	1280	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range30-82		47-104	V1-	V3+		Recall:	
Multimode	N VGA, SVGA, 8514A	INTERLACE IN 8514A ONLY						

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds	
CS-6N		Freq		Red	RedI			
	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Adapter#	4 Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range30/50		47-104	V1-	V3+		Recall:	
Multimode	Y VGA, SVGA, 8514A	INTERLACE IN 8514A ONLY						

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds	
CS-717		Freq		Red	RedI			
	Pix	1600	1280	Grn	GrnI		Ang Gnd:	
Adapter#	4 Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range30-82		47-104	V1-	V3+		Recall:	
Multimode	N VGA, SVGA, 8514A	INTERLACE IN 8514A ONLY						

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds	
CT-6G		Freq		Red	RedI			
	Pix	31.50	60-70	Grn	GrnI		Ang Gnd:	
Adapter#	4 Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	N Range			V1-	V3+		Recall: 6,7	
Multimode	Y VGA, MCGA							

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds	
ME-1W		Freq		Red	RedI			
	Pix	720	350	Grn	GrnI		Ang Gnd:	
Adapter#	1 Fpor	(84)	(81)	Blu	BluI			
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	N Range15.8/18.4		50/60	V1-	V3+		Recall:	
Multimode	Y CGA, TTL							

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds	
ME-6W		Freq		Red	RedI			
	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Adapter#	4 Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range31.5/85		45-85	V1-	V3+		Recall:	
Multimode	Y MCGA, VGA, 8514A	INTERLACE IN 8514A ONLY.						

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds	
MM-1A		Freq		Red	RedI			
	Pix	18.43	50.0	Grn	GrnI		Ang Gnd:	
Adapter#	1 Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	M Stype			V1+	V2-	V4-		
Multisync	N Range			V1-	V3+		Recall: 1	
Multimode	N MDA, HERCULES							

SCEPTRE		Horizontal	Vertical	Connector Pins			Grounds
MM-6W		Freq 31.47	50-70	Red	RedI		
		Pix 720	400	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace		Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall: 6,7
Multimode	Y	VGA, MCGA					

SEIKO		Horizontal	Vertical	Connector Pins			Grounds
CM-1445		Freq 35.00	66.7	Red	RedI		
		Pix 640	480	Grn	GrnI		Ang Gnd:
Adapter#	5F	Fpor 2.12 (84)	0.086 (81)	Blu	BluI		
Interlace	N	Bpor 3.18 (85)	1.11 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 2.12 (86)	0.086 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall: 10
Multimode	N						

SHAMROCK		Horizontal	Vertical	Connector Pins			Grounds
SCR-1401		Freq		Red	RedI		
14" COLOR		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range28-40	47-90	V1-	V3+		Recall: 5-10,+
Multimode	N	VARIOUS IBM, MINTERLACED IN 8514A MODE.					

SHAMROCK		Horizontal	Vertical	Connector Pins			Grounds
SCR-1402		Freq		Red	RedI		
14" COLOR		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range28-50	47-90	V1-	V3+		Recall: 5-10,+
Multimode	N	VARIOUS IBM, MINTERLACED IN 8514A MODE.					

SHAMROCK		Horizontal	Vertical	Connector Pins			Grounds
SCR-1403		Freq		Red	RedI		
14" COLOR		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range28-60	47-104	V1-	V3+		Recall: 5-10,+
Multimode	N	VARIOUS IBM, MINTERLACED IN 8514A MODE.					

SHAMROCK		Horizontal	Vertical	Connector Pins			Grounds
SCR-1481		Freq		Red	RedI		
14" COLOR		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range28-40	47-90	V1-	V3+		Recall: 5-10,+
Multimode	N	VARIOUS IBM, MINTERLACED IN 8514A MODE.					

SHAMROCK		Horizontal	Vertical	Connector Pins			Grounds
SCR-1491		Freq		Red	RedI		
14" COLOR		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range28-40	47-90	V1-	V3+		Recall: 5-10,+
Multimode	N	VARIOUS IBM, MINTERLACED IN 8514A MODE.					

SHAMROCK		Horizontal	Vertical	Connector Pins			Grounds
SCR-1501	Freq			Red	RedI		
15" COLOR	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	28-60	47-104	V1-	V3+		Recall: 5-10,+
Multimode	N	VARIOUS IBM, MINTERLACED IN 8514A MODE.					

SHAMROCK		Horizontal	Vertical	Connector Pins			Grounds
SCR-1701	Freq			Red	RedI		
17" COLOR	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	27-72	47-104	V1-	V3+		Recall: 5-10,+
Multimode	N	VARIOUS IBM, MINTERLACED IN 8514A MODE.					

SHAMROCK		Horizontal	Vertical	Connector Pins			Grounds
SCR-1901	Freq			Red	RedI		
19" COLOR	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	27-72	47-104	V1-	V3+		Recall: 5-10,+
Multimode	N	VARIOUS IBM, MINTERLACED IN 8514A MODE.					

SHAMROCK		Horizontal	Vertical	Connector Pins			Grounds
SCR-2101	Freq			Red	RedI		
21" COLOR	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	27-76	47-104	V1-	V3+		Recall: 5-10,+
Multimode	N	VARIOUS IBM, MINTERLACED IN 8514A MODE.					

SIEMENS		Horizontal	Vertical	Connector Pins			Grounds
MAGNETOM 13/63	Freq	64.00	60.0	Red	RedI		
	Pix	1700	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.282 (84)	0.016 (81)	Blu	BluI		
Interlace	N Bpor	1.83 (85)	0.625 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.83 (86)	0.016 (83)	Hsyn	V2+	V4+	
Color/Mono	M Stype	C	C	V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	N						

SIGMA DESIGN		Horizontal	Vertical	Connector Pins			Grounds
L-VIEW	Freq	74.63	81.6	Red	RedI		
	Pix	1664	870	Grn	GrnI		Ang Gnd:
Adapter#	ECL Fpor	0.001 (84)	0.0134 (81)	Blu	BluI		
Interlace	N Bpor	0.8 (85)	0.376 (82)	Vsyn 9	Csyn	V3-	Dig Gnd:
Video Type	E Sync	2.2 (86)	0.214 (83)	Hsyn 5	V2+ 3	V4+	7,8
Color/Mono	M Stype	-	-	V1+ 1	V2- 2	V4-	
Multisync	Range			V1- 6	V3+		Recall:
Multimode	1						

SIGMA DESIGN		Horizontal	Vertical	Connector Pins			Grounds
L-VIEW	Freq	74.63	91.8	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	ECL Fpor	0.001 (84)	0.013 (81)	Blu	BluI		
Interlace	N Bpor	0.807 (85)	0.375 (82)	Vsyn 9	Csyn	V3-	Dig Gnd:
Video Type	E Sync	2.26 (86)	0.215 (83)	Hsyn 5	V2+ 3	V4+	7,8
Color/Mono	M Stype	+	-	V1+ 1	V2- 2	V4-	
Multisync	Range			V1- 6	V3+		Recall:
Multimode	2						

SIGMA DESIGN		Horizontal	Vertical	Connector Pins			Grounds
L-VIEW		Freq	74.63	74.2	Red	RedI	
		Pix	1280	960	Grn	GrnI	Ang Gnd:
Adapter#	ECL	Fpor	0.001 (84)	0.013 (81)	Blu	BluI	
Interlace	N	Bpor	0.781 (85)	0.375 (82)	Vsyn 9	Csyn	V3-
Video Type	E	Sync	2.15 (86)	0.215 (83)	Hsyn 5	V2+ 3	V4+
Color/Mono	M	Stype	-	+	V1+ 1	V2- 2	V4-
Multisync		Range			V1- 6	V3+	Recall:
Multimode	3						

SIGMA DESIGN		Horizontal	Vertical	Connector Pins			Grounds
L-VIEW		Freq	74.63	60.0	Red	RedI	
		Pix	1664	1200	Grn	GrnI	Ang Gnd:
Adapter#	ECL	Fpor	0.001 (84)	0.0134 (81)	Blu	BluI	
Interlace	N	Bpor	0.8 (85)	0.375 (82)	Vsyn 9	Csyn	V3-
Video Type	E	Sync	2.2 (86)	0.214 (83)	Hsyn 5	V2+ 3	V4+
Color/Mono	M	Stype	+	+	V1+ 1	V2- 2	V4-
Multisync		Range			V1- 6	V3+	Recall:
Multimode	4						

SIGMA DESIGN		Horizontal	Vertical	Connector Pins			Grounds
PAGE VIEW		Freq	78.70	80.1	Red	RedI	
		Pix	784	940	Grn	GrnI	Ang Gnd:
Adapter#	ECL	Fpor	0.116 (84)	0.038 (81)	Blu	BluI	
Interlace	N	Bpor	0.001 (85)	0.47 (82)	Vsyn 9	Csyn	V3-
Video Type	E	Sync	1.56 (86)	0.038 (83)	Hsyn 5	V2+ 3	V4+
Color/Mono	M	Stype	+	-	V1+ 1	V2- 2	V4-
Multisync		Range			V1- 6	V3+	Recall:
Multimode	1						

SIGMA DESIGN		Horizontal	Vertical	Connector Pins			Grounds
PAGE VIEW		Freq	78.70	76.2	Red	RedI	
		Pix	736	990	Grn	GrnI	Ang Gnd:
Adapter#	ECL	Fpor	0.11 (84)	0.038 (81)	Blu	BluI	
Interlace	N	Bpor	0.001 (85)	0.47 (82)	Vsyn 9	Csyn	V3-
Video Type	E	Sync	2.4 (86)	0.038 (83)	Hsyn 5	V2+ 3	V4+
Color/Mono	M	Stype	+	+	V1+ 1	V2- 2	V4-
Multisync		Range			V1- 6	V3+	Recall:
Multimode	2						

SIGMA DESIGN		Horizontal	Vertical	Connector Pins			Grounds
PAGE VIEW		Freq	78.70	56.7	Red	RedI	
		Pix	676	768	Grn	GrnI	Ang Gnd:
Adapter#	ECL	Fpor	0.141 (84)	0.038 (81)	Blu	BluI	
Interlace	N	Bpor	0.001 (85)	0.47 (82)	Vsyn 9	Csyn	V3-
Video Type	E	Sync	0.635 (86)	0.038 (83)	Hsyn 5	V2+ 2	V4+
Color/Mono	M	Stype	-	-	V1+ 1	V2- 3	V4-
Multisync		Range			V1- 6	V3+	Recall:
Multimode	3						

SIGMA DESIGN		Horizontal	Vertical	Connector Pins			Grounds
PAGE VIEW		Freq	78.70	86.2	Red	RedI	
		Pix	640	870	Grn	GrnI	Ang Gnd:
Adapter#	ECL	Fpor	0.127 (84)	0.038 (81)	Blu	BluI	
Interlace	N	Bpor	0.001 (85)	0.47 (82)	Vsyn 9	Csyn	V3-
Video Type	E	Sync	2.4 (86)	0.038 (83)	Hsyn 5	V2+ 3	V4+
Color/Mono	M	Stype	-	+	V1+ 1	V2- 2	V4-
Multisync		Range			V1- 6	V3+	Recall:
Multimode	4						

SIGMA DESIGN		Horizontal	Vertical	Connector Pins			Grounds
SILVER VIEW		Freq	66.49	72.9	Red 5	RedI	
		Pix	1152	870	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.32 (84)	0.015 (81)	Blu	BluI	1,4,11
Interlace	N	Bpor	1.92 (85)	0.572 (82)	Vsyn 10	Csyn	V3-
Video Type	A	Sync	1.28 (86)	0.045 (83)	Hsyn 3	V2+	V4+
Color/Mono	M	Stype	-	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	1						

SIGMA DESIGN		Horizontal	Vertical	Connector Pins			Grounds
SILVER VIEW		Freq	86.80	72.3	Red 5	RedI	6
		Pix	864	1152	Grn	GrnI	Ang Gnd:
Adapter#	Fpor	0.32 (84)	0.012 (81)	Blu	BluI		1,4,11
Interlace	N Bpor	1.68 (85)	0.507 (82)	Vsyn 10	Csyn	V3-	Dig Gnd:
Video Type	A Sync	0.88 (86)	0.035 (83)	Hsyn 3	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	2						

SIGMA-DESIGNS		Horizontal	Vertical	Connector Pins			Grounds	
POWER PORTRAIT		Freq	78.70	97.0	Red	RedI		
		Pix	576	768	Grn	GrnI	Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	M Stype			V1+	V2-	V4-		
Multisync	N Range			V1-	V3+		Recall:	
Multimode	Y ALL MAC	RESOLUTIONS: 576X768, 640X870, 704X940						

SIGMA-DESIGNS		Horizontal	Vertical	Connector Pins			Grounds
SILVERVIEW PRO		Freq	68.68	75.0	Red	RedI	
SILVERVIEW PRO		Pix	1152	870	Grn	GrnI	Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	Y ALL MAC						

SOCOS		Horizontal	Vertical	Connector Pins			Grounds
CM-1402		Freq			Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-38		50-90	V1-	V3+		Recall: 5-9
Multimode	N VGA, SVGA, VESA, INTERLACED IN 8514A MODE.						

SOCOS		Horizontal	Vertical	Connector Pins			Grounds
CM-1402A		Freq			Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-38		50-90	V1-	V3+		Recall: 5-9
Multimode	N VGA, SVGA, VESA, INTERLACED IN 8514A MODE.						

SOCOS		Horizontal	Vertical	Connector Pins			Grounds
CM-1403A		Freq			Red	RedI	
		Pix	800	600	Grn	GrnI	Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-38		50-90	V1-	V3+		Recall: 5-8
Multimode	N VGA, SVGA, VESA						

SOCOS		Horizontal	Vertical	Connector Pins			Grounds
CM-1448		Freq			Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30/50		50-90	V1-	V3+		Recall: 5-9
Multimode	N VGA, SVGA, VESA, INTERLACED IN 8514A MODE.						

SOCOS		Horizontal	Vertical	Connector Pins			Grounds
DCM-1468		Freq		Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range30-60	50-100	V1-	V3+		Recall: 5-9
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A MODE.					

SOCOS		Horizontal	Vertical	Connector Pins			Grounds
DCM-1568		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range30-65	50-100	V1-	V3+		Recall: 5-9
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A MODE.					

SOCOS		Horizontal	Vertical	Connector Pins			Grounds
DCM-1588		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range30-65	50-100	V1-	V3+		Recall: 5-9
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A MODE.					

SOCOS		Horizontal	Vertical	Connector Pins			Grounds
DCM-1768/VA		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range30-65	50-100	V1-	V3+		Recall: 12,15
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A ONLY					

SOCOS		Horizontal	Vertical	Connector Pins			Grounds
PCM-1768/A		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4,5	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range30-66	50-100	V1-	V3+		Recall: 5-10
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A MODE.					

SOCOS		Horizontal	Vertical	Connector Pins			Grounds
PCM-2068		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4,5	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range30-64	50-120	V1-	V3+		Recall: 5-10
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A MODE.					

SOCOS		Horizontal	Vertical	Connector Pins			Grounds
SCM-1760VA		Freq		Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4,5	Fpor	(84)	(81)	Blu	BluI	
Interlace	Y	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range28-57	50-87	V1-	V3+		Recall: 5-10
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A MODE.					

SOCOS		Horizontal	Vertical	Connector Pins			Grounds
SCM-2070VA		Freq		Red	RedI		
	Adapter# 4,5	Pix 1280	1024	Grn	GrnI		Ang Gnd:
	Interlace Y	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync Y	Stype		V1+	V2-	V4-	
	Multimode N	Range30-71	50-120	V1-	V3+		Recall: 5-10
VGA, SVGA, VESA, INTERLACED IN 8514A MODE.							

SONY		Horizontal	Vertical	Connector Pins			Grounds
CPD-1302		Freq		Red 3	RedI		
	Adapter# 1	Pix 800	600	Grn 4	GrnI		Ang Gnd:
	Interlace N	Fpor (84)	(81)	Blu 5	BluI		1
	Video Type A	Bpor (85)	(82)	Vsyn 9	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn 8	V2+	V4+	
	Multisync Y	Stype		V1+	V2-	V4-	
	Multimode	Range15-36	50-100	V1-	V3+		Recall:
use gender changer							

SONY		Horizontal	Vertical	Connector Pins			Grounds
CPD-1304		Freq		Red 3	RedI		
	Adapter#	Pix 1024	768	Grn 4	GrnI		Ang Gnd:
	Interlace N	Fpor (84)	(81)	Blu 5	BluI		1
	Video Type A	Bpor (85)	(82)	Vsyn 9	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn 8	V2+	V4+	
	Multisync Y	Stype	-	V1+	V2-	V4-	
	Multimode	Range28-50	50-87	V1-	V3+		Recall:

SONY		Horizontal	Vertical	Connector Pins			Grounds
CPD-13048		Freq		Red 1	RedI		
	Adapter# 4	Pix 1024	768	Grn 2	GrnI		Ang Gnd:
	Interlace N	Fpor (84)	(81)	Blu 3	BluI		4-8,10,11
	Video Type A	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn 13	V2+	V4+	
	Multisync Y	Stype -	-	V1+	V2-	V4-	
	Multimode N	Range28-57	55-110	V1-	V3+		Recall: 5-11,32

SONY		Horizontal	Vertical	Connector Pins			Grounds
CPD-1320		Freq		Red	RedI		
	Adapter# 4	Pix 31.50	480	Grn	GrnI		Ang Gnd:
	Interlace N	Fpor (84)	(81)	Blu	BluI		
	Video Type A	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Color/Mono C	Sync (86)	(83)	Hsyn	V2+	V4+	
	Multisync Y	Stype		V1+	V2-	V4-	
	Multimode	Range	60-70	V1-	V3+		Recall: 5,6,7

SONY		Horizontal	Vertical	Connector Pins			Grounds
CPD-1393		Freq		Red 1	RedI		6,7,8,10,1
TRINITRON CHARACTER		Pix 1024	768	Grn 2	GrnI		Ang Gnd:
	Adapter# 4	Fpor 1.35 (84)	0 (81)	Blu 3	BluI		
	Interlace N	Bpor 1.97 (85)	0.6 (82)	Vsyn 14	Csyn	V3-	Dig Gnd:
	Video Type A	Sync 1.23 (86)	0.06 (83)	Hsyn 13	V2+	V4+	
	Color/Mono C	Stype +	+	V1+	V2-	V4-	
	Multisync Y	Range31.5-48.7	60-70	V1-	V3+		Recall:
	Multimode N	BLANKING TIMES FOR BORDER					

SONY		Horizontal	Vertical	Connector Pins			Grounds
CPD-1430		Freq		Red 1	RedI		4-8,10,11
MULTISCAN COLOR MO		Pix 1024	768	Grn 2	GrnI		Ang Gnd:
	Adapter# 4	Fpor (84)	(81)	Blu 3	BluI		
	Interlace N	Bpor (85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
	Video Type A	Sync (86)	(83)	Hsyn 13	V2+	V4+	
	Color/Mono C	Stype		V1+	V2-	V4-	
	Multisync Y	Range31.5-49.7	60-87	V1-	V3+		Recall:5,7,9,32,3
	Multimode N	INTERLACED IN 8514A MODE, HAS 8 ADDITIONAL MODES.					

SONY		Horizontal	Vertical	Connector Pins			Grounds
CPD-1604		Freq		Red 1	RedI		4,6,7,8,10
MULTISCAN COLOR		DI Pix	1024	Grn 2	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	Blu 3	BluI		
Interlace	N	Bpor	(85)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	D	Sync	(86)	Hsyn 13	V2+	V4+	
Color/Mono	C	Stype	G	V1+	V2-	V4-	
Multisync	Y	Range	28-57	V1-	V3+		Recall:
Multimode	N						

SONY		Horizontal	Vertical	Connector Pins			Grounds
CPD-1730		Freq		Red 1	RedI		4-8, 10,11
MULTISCAN		Pix	1024	Grn 2	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	Blu 3	BluI		
Interlace	Y	Bpor	(85)	Vsyn 14	Csyn 13	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn 13	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync	Y	Range	28-58	V1-	V3+		Recall:5,6,7,9,10
Multimode	N			INTERLACE IN 1024 X 768 ONLY.			

SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1601		Freq	63.34	Red	RedI		
		Pix	1280	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	0.407 (84)	Blu	BluI		
Interlace	N	Bpor	1.05 (85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	1.7 (86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1602		Freq	48.78	Red	RedI		
		Pix	1024	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	1 (84)	Blu	BluI		
Interlace	N	Bpor	2 (85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	1.5 (86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype	-	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1662		Freq	61.80	Red A1	RedI		
		Pix	1152	Grn A2	GrnI		Ang Gnd:
Adapter#		Fpor	0.312 (84)	Blu A3	BluI		1,4,7,10
Interlace	N	Bpor	2.1 (85)	Vsyn 2	Csyn 5	V3-	Dig Gnd:
Video Type	A	Sync	1.38 (86)	Hsyn 6	V2+	V4+	
Color/Mono	C	Stype	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1901		Freq	63.34	Red	RedI		
		Pix	1280	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	0.407 (84)	Blu	BluI		
Interlace	N	Bpor	1.85 (85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	1.7 (86)	Hsyn	V2+	V4+	
Color/Mono		Stype	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1930		Freq	63.34	Red	RedI		
		Pix	1280	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	0.407 (84)	Blu	BluI		
Interlace	N	Bpor	1.85 (85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	1.7 (86)	Hsyn	V2+	V4+	
Color/Mono		Stype	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	1						

SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1930		Freq	48.78	60.0	Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	1 (84)	0.062 (81)	Blu	BluI	
Interlace	N	Bpor	1.5 (85)	0.8 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	2 (86)	0.062 (83)	Hsyn	V2+	V4+
Color/Mono		Stype	-	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	2						
SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1931		Freq	48.78	60.0	Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	1 (84)	0.062 (81)	Blu	BluI	
Interlace	N	Bpor	1.5 (85)	0.8 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	2 (86)	0.062 (83)	Hsyn	V2+	V4+
Color/Mono		Stype	-	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							
SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1932		Freq	63.34	60.0	Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.407 (84)	0.047 (81)	Blu	BluI	
Interlace	N	Bpor	1.85 (85)	0.41 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	1.7 (86)	0.047 (83)	Hsyn	V2+	V4+
Color/Mono		Stype	-	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							
SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1934		Freq	78.86	74.1	Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.237 (84)	0.03804 (81)	Blu	BluI	
Interlace	N	Bpor	1.896 (85)	0.4311 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type		Sync	1.067 (86)	0.038 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	G	G	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							
SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1950		Freq	63.34	60.0	Red	RedI	
		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.407 (84)	0.047 (81)	Blu	BluI	
Interlace	N	Bpor	1.85 (85)	0.411 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	1.7 (86)	0.047 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N						
SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1952		Freq	48.78	60.0	Red	RedI	
		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	1 (84)	0.062 (81)	Blu	BluI	
Interlace	N	Bpor	2 (85)	0.8 (82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	1.5 (86)	0.062 (83)	Hsyn	V2+	V4+
Color/Mono		Stype	-	-	V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N						
SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1962		Freq	71.70	67.0	Red	A1 RedI	
		Pix	1280	1024	Grn	A2 GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	A3 BluI	1,4,7,10
Interlace	N	Bpor	(85)	(82)	Vsyn	2 Csyn 5	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	6 V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	1						

SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1962	Freq	71.70	76.0	Red A1	RedI		
	Pix	1152	900	Grn A2	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu A3	BluI		1,4,7,10
Interlace	N Bpor	(85)	(82)	Vsyn 2	Csyn 5	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn 6	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	2						

SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1962	Freq	61.80	66.0	Red A1	RedI		
	Pix	1152	900	Grn A2	GrnI		Ang Gnd:
Adapter#	Fpor	0.312 (84)	0.032 (81)	Blu A3	BluI		1,4,7,10
Interlace	N Bpor	2.1 (85)	0.502 (82)	Vsyn 2	Csyn 5	V3-	Dig Gnd:
Video Type	A Sync	1.38 (86)	0.065 (83)	Hsyn 6	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	3						

SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1962	Freq	71.70	76.0	Red A1	RedI		
	Pix	1076	824	Grn A2	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu A3	BluI		1,4,7,10
Interlace	N Bpor	(85)	(82)	Vsyn 2	Csyn 5	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn 6	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	4						

SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-2038	Freq			Red 1	RedI		
MULTISCAN COLOR	GRPix	1280	1024	Grn 2	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu 3	BluI		1,4,7,10
Interlace	N Bpor	(85)	(82)	Vsyn 14	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn 13	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	28-85	50-160	V1-	V3+		Recall:6,7,21,30,
Multimode	M						

SONY		Horizontal	Vertical	Connector Pins			Grounds
GVM-1300	Freq			Red 3	RedI		1
TRINITRON COLOR	MOpix	1024	768	Grn 4	GrnI		Ang Gnd:
Adapter#	2 Fpor	0.349 (84)	0.64 (81)	Blu 5	BluI		
Interlace	N Bpor	1.91 (85)	1.017 (82)	Vsyn 9	Csyn 8	V3-	Dig Gnd:
Video Type	A Sync	3.81 (86)	0.06 (83)	Hsyn 8	V2+	V4+	
Color/Mono	C Stype	C	C	V1+	V2-	V4-	
Multisync	Y Range	15-36	50-100	V1-	V3+		Recall:0,2,5,6,7
Multimode	N	VGA,CGA,EGA	ANALOG OR DIGITAL	VIDEO, RGB=900 X 560			

SONY		Horizontal	Vertical	Connector Pins			Grounds
GVM-1305TS	Freq			Red 3	RedI		1
TRINITRON COLOR	VIpix	1024	768	Grn 4	GrnI		Ang Gnd:
Adapter#	2 Fpor	(84)	(81)	Blu 5	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn 9	Csyn 8	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn 8	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	15-36	50-100	V1-	V3+		Recall:0,2,5,6,7
Multimode	N	VGA,CGA,EGA	ANALOG/DIGITAL.				

SONY		Horizontal	Vertical	Connector Pins			Grounds
GVM-1305TS	Freq			Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	2 Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	15.0-36.0	50-100	V1-	V3+		Recall:
Multimode							NTSC composite, Y/C and RGB

SONY		Horizontal	Vertical	Connector Pins			Grounds	
GVM-1311Q	Freq			Red 3	RedI		1	
TRINITRON COLOR VI	Pix	1024	768	Grn 4	GrnI		Ang Gnd:	
Adapter#	2 Fpor	(84)	(81)	Blu 5	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn 9	Csyn 8	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn 8	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range	15-36	50-100	V1-	V3+		Recall: 2,9,7	
Multimode	N	VGA,CGA,EGA, 1ANALOG/DIGITAL, INTERLACE ONLY ON 1024 X 768						

SONY		Horizontal	Vertical	Connector Pins			Grounds	
GVM-1316TSQ	Freq	15.73	59.9	Red 6	RedI		16-24	
	Pix	640	242	Grn 5	GrnI		Ang Gnd:	
Adapter#	2 Fpor	1.5 (84)	0.191 (81)	Blu 4	BluI			
Interlace	N Bpor	3.2 (85)	0.892 (82)	Vsyn 11	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	4.7 (86)	0.191 (83)	Hsyn 3	V2+	V4+		
Color/Mono	C Stype	-	-	V1+	V2-	V4-		
Multisync	N Range			V1-	V3+		Recall: 27	
Multimode	N							

SONY		Horizontal	Vertical	Connector Pins			Grounds	
GVM-1316TSQ	Freq			Red 3	RedI		1	
TRINITRON COLOR VI	Pix	1024	768	Grn 4	GrnI		Ang Gnd:	
Adapter#	2 Fpor	(84)	(81)	Blu 5	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn 9	Csyn 8	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn 8	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range	15-36	50-100	V1-	V3+		Recall: 2,9,7	
Multimode	N	CGA,EGA,VGA,85ANALOG/DIGITAL, INTERLACE IN 1024 X 768 ONLY.						

SONY		Horizontal	Vertical	Connector Pins			Grounds	
GVM-1316TSQ	Freq			Red 3	RedI		1	
TRINITRON COLOR VI	Pix	1024	768	Grn 4	GrnI		Ang Gnd:	
Adapter#	2 Fpor	(84)	(81)	Blu 5	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn 9	Csyn 8	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn 8	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range	15-36	50-100	V1-	V3+		Recall: 2,7,9	
Multimode	N	CGA,EGA,VGA,85ANALOG/DIGITAL, INTERLACE IN 1024 X 768 ONLY.						

SONY		Horizontal	Vertical	Connector Pins			Grounds	
GVM-2000	Freq			Red	RedI			
	Pix	720	480	Grn	GrnI		Ang Gnd:	
Adapter#	6 Fpor	(84)	(81)	Blu	BluI			
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range	15.75-36	50-100	V1-	V3+		Recall:	
Multimode	N	CGA, EGA, VGA, COMPATIBLE WITH CGA, EGA, VGA, MACII						

SONY		Horizontal	Vertical	Connector Pins			Grounds	
PVM-1270Q	Freq	15.73	59.9	Red 6	RedI		16-24	
	Pix	640	242	Grn 5	GrnI		Ang Gnd:	
Adapter#	2 Fpor	1.5 (84)	0.191 (81)	Blu 4	BluI			
Interlace	N Bpor	3.2 (85)	0.892 (82)	Vsyn 11	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	4.7 (86)	0.191 (83)	Hsyn 3	V2+	V4+		
Color/Mono	C Stype	-	-	V1+	V2-	V4-		
Multisync	N Range			V1-	V3+		Recall: 27	
Multimode	N							

SONY		Horizontal	Vertical	Connector Pins			Grounds	
PVM-1342Q	Freq	15.70	60.0	Red	RedI			
	Pix			Grn	GrnI		Ang Gnd:	
Adapter#	1 Fpor	(84)	(81)	Blu	BluI			
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	D Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	N Range			V1-	V3+		Recall: 0	
Multimode	N	RCA input = analog						

SONY		Horizontal	Vertical	Connector Pins			Grounds
PVM-1910		Freq	15.70	60.0	Red	RedI	
		Pix	440	242	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	1.5 (84)	0.191 (81)	Blu	BluI	
Interlace	N	Bpor	3.2 (85)	0.892 (82)	Vsyn	Csyn	V3-
Video Type	A	Sync	4.7 (86)	0.191 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N						
NTSC, SWITCH ALL INPUTS TO 75 OHM TERM							
SONY		Horizontal	Vertical	Connector Pins			Grounds
PVM-8041Q		Freq			Red	RedI	
		Pix			Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type		Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall: 27
Multimode	N						
NTSC composite color							
SONY		Horizontal	Vertical	Connector Pins			Grounds
PVM-8044Q		Freq			Red	RedI	
		Pix			Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type		Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall: 27
Multimode	N						
NTSC composite color							
SONY		Horizontal	Vertical	Connector Pins			Grounds
GDM-1604		Freq	61.80	66.0	Red A1	RedI	
		Pix	1024	768	Grn A2	GrnI	Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu A3	BluI	1,4,7,10
Interlace	N	Bpor	(85)	(82)	Vsyn 2	Csyn 5	V3-
Video Type	A	Sync	(86)	(83)	Hsyn 6	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N						
NTSC composite color							
SPERRY		Horizontal	Vertical	Connector Pins			Grounds
TX1404S		Freq	23.80	60.0	Red 1	RedI	
		Pix	600	375	Grn 3	GrnI	Ang Gnd:
Adapter#		Fpor	1.63 (84)	0.126 (81)	Blu 5	BluI	2,4,6,
Interlace		Bpor	2.74 (85)	0.126 (82)	Vsyn 1	Csyn	V3-
Video Type	D	Sync	5.63 (86)	0.672 (83)	Hsyn 3	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							
TERMINAL, VIDEO ON A4 PLUG, SYNC ON A5 PLUG							
SUN		Horizontal	Vertical	Connector Pins			Grounds
1024x1024		Freq	65.30	61.4	Red	RedI	
		Pix	1024	1024	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	0.344 (84)	0.031 (81)	Blu	BluI	
Interlace	N	Bpor	2.58 (85)	0.506 (82)	Vsyn	Csyn	V3-
Video Type	A	Sync	1.38 (86)	0.061 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							
NTSC composite color							
SUN		Horizontal	Vertical	Connector Pins			Grounds
360-1015		Freq	61.80	66.0	Red	RedI	
HM		Pix	1152	900	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	0.312 (84)	0.032 (81)	Blu	BluI	
Interlace	N	Bpor	2.1 (85)	0.502 (82)	Vsyn	Csyn	V3-
Video Type	A	Sync	1.38 (86)	0.065 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N						

SUN		Horizontal		Vertical	Connector Pins			Grounds
365-1000		Freq	61.80	66.0	Red	RedI		
HM		Pix	1152	900	Grn	GrnI	Ang Gnd:	
Adapter#	6	Fpor	0.312 (84)	0.032 (81)	Blu	BluI		
Interlace	N	Bpor	2.1 (85)	0.502 (82)	Vsyn	Csyn	V3- Dig Gnd:	
Video Type	A	Sync	1.38 (86)	0.065 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype	C	C	V1+	V2-	V4-	
Multisync	N	Range			V1-	V3+	Recall:	
Multimode	N							

SUN		Horizontal		Vertical	Connector Pins			Grounds
365-1005		Freq	89.28	66.9	Red	RedI		
L7		Pix	1600	1280	Grn	GrnI	Ang Gnd:	
Adapter#	ECL	Fpor	0.014 (84)	0.001 (81)	Blu	BluI		
Interlace	N	Bpor	1.92 (85)	0.493 (82)	Vsyn	Csyn	V3- Dig Gnd:	
Video Type	E	Sync	1.28 (86)	0.112 (83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype			V1+	V2-	V4-	
Multisync	N	Range			V1-	V3+	Recall:	
Multimode	N							

SUN		Horizontal		Vertical	Connector Pins			Grounds
365-1016		Freq	62.50	66.7	Red	RedI	2,7-9	
M1		Pix	1152	900	Grn	GrnI	Ang Gnd:	
Adapter#	ECL	Fpor	0.001 (84)	0.001 (81)	Blu	BluI		
Interlace	N	Bpor	3.28 (85)	0.425 (82)	Vsyn 4	Csyn	V3- Dig Gnd:	
Video Type	E	Sync	1.28 (86)	0.16 (83)	Hsyn 3	V2+	V4+	
Color/Mono	M	Stype			V1+ 1	V2-	V4-	
Multisync	N	Range			V1- 6	V3+	Recall:	
Multimode	N							

SUN		Horizontal		Vertical	Connector Pins			Grounds
365-1038		Freq	61.80	66.0	Red	A1 RedI		
GD		Pix	1152	900	Grn	A2 GrnI	Ang Gnd:	
Adapter#		Fpor	0.312 (84)	0.032 (81)	Blu	A3 BluI		
Interlace	N	Bpor	2.1 (85)	0.502 (82)	Vsyn	Csyn 5	V3- Dig Gnd:	
Video Type	A	Sync	1.38 (86)	0.065 (83)	Hsyn	V2+	V4+ 4	
Color/Mono	C	Stype			V1+	V2-	V4-	
Multisync	N	Range			V1-	V3+	Recall:	
Multimode	N							

SUN		Horizontal		Vertical	Connector Pins			Grounds
365-1051		Freq	62.50	66.7	Red	RedI	2,7-9	
M1		Pix	1152	900	Grn	GrnI	Ang Gnd:	
Adapter#	ECL	Fpor	0.001 (84)	0.001 (81)	Blu	BluI		
Interlace	N	Bpor	3.28 (85)	0.425 (82)	Vsyn 4	Csyn	V3- Dig Gnd:	
Video Type	E	Sync	1.28 (86)	0.16 (83)	Hsyn 3	V2+	V4+	
Color/Mono	M	Stype			V1+ 1	V2-	V4-	
Multisync	N	Range			V1- 6	V3+	Recall:	
Multimode	N							

SUN		Horizontal		Vertical	Connector Pins			Grounds
365-1053		Freq	61.80	66.0	Red	RedI		
		Pix	1076	824	Grn	GrnI	Ang Gnd:	
Adapter#		Fpor	(84)	(81)	Blu	BluI		
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:	
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype			V1+	V2-	V4-	
Multisync	N	Range			V1-	V3+	Recall:	
Multimode	N							

SUN		Horizontal		Vertical	Connector Pins			Grounds
365-1056		Freq	61.80	66.0	Red	RedI		
HM		Pix	1152	900	Grn	GrnI	Ang Gnd:	
Adapter#	6	Fpor	0.312 (84)	0.032 (81)	Blu	BluI		
Interlace	N	Bpor	2.1 (85)	0.502 (82)	Vsyn	Csyn	V3- Dig Gnd:	
Video Type	A	Sync	1.38 (86)	0.065 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype	C	C	V1+	V2-	V4-	
Multisync	N	Range			V1-	V3+	Recall:	
Multimode	N							

SUN 365-1063		Horizontal	Vertical	Connector Pins			Grounds
GD		Freq 61.80	66.0	Red	RedI		
		Pix 1152	900	Grn	GrnI		Ang Gnd:
	Adapter# 6	Fpor 0.312 (84)	0.032 (81)	Blu	BluI		
	Interlace N	Bpor 2.1 (85)	0.502 (82)	Vsyn	Csyn	V3-	Dig Gnd:
	Video Type A	Sync 1.38 (86)	0.065 (83)	Hsyn	V2+	V4+	
	Color/Mono C	Stype		V1+	V2-	V4-	
	Multisync N	Range		V1-	V3+		Recall:
	Multimode N						

SUN 365-1065		Horizontal	Vertical	Connector Pins			Grounds
GD		Freq 61.80	66.0	Red A1	RedI		
		Pix 1152	900	Grn A2	GrnI		Ang Gnd:
	Adapter#	Fpor 0.312 (84)	0.032 (81)	Blu A3	BluI		
	Interlace N	Bpor 2.1 (85)	0.502 (82)	Vsyn	Csyn 5	V3-	Dig Gnd:
	Video Type A	Sync 1.38 (86)	0.065 (83)	Hsyn	V2+	V4+	4
	Color/Mono C	Stype		V1+	V2-	V4-	
	Multisync N	Range		V1-	V3+		Recall:
	Multimode N						

SUN 365-1071		Horizontal	Vertical	Connector Pins			Grounds
M1		Freq 61.80	66.0	Red	RedI		
		Pix 1152	900	Grn	GrnI		Ang Gnd:
	Adapter#	Fpor (84)	(81)	Blu	BluI		
	Interlace N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Video Type A	Sync (86)	(83)	Hsyn	V2+	V4+	
	Color/Mono M	Stype		V1+	V2-	V4-	
	Multisync N	Range		V1-	V3+		Recall:
	Multimode N						

SUN 365-1073		Horizontal	Vertical	Connector Pins			Grounds
HM		Freq 61.80	66.0	Red	RedI		
		Pix 1152	900	Grn	GrnI		Ang Gnd:
	Adapter# 6	Fpor 0.312 (84)	0.032 (81)	Blu	BluI		
	Interlace N	Bpor 2.1 (85)	0.502 (82)	Vsyn	Csyn	V3-	Dig Gnd:
	Video Type A	Sync 1.38 (86)	0.065 (83)	Hsyn	V2+	V4+	
	Color/Mono C	Stype C	C	V1+	V2-	V4-	
	Multisync N	Range		V1-	V3+		Recall:
	Multimode						

SUN 365-1081		Horizontal	Vertical	Connector Pins			Grounds
M1		Freq 62.50	66.7	Red	RedI		2,7-9
		Pix 1152	900	Grn	GrnI		Ang Gnd:
	Adapter# ECL	Fpor 0.001 (84)	0.001 (81)	Blu	BluI		
	Interlace N	Bpor 3.28 (85)	0.425 (82)	Vsyn 4	Csyn	V3-	Dig Gnd:
	Video Type E	Sync 1.28 (86)	0.16 (83)	Hsyn 3	V2+	V4+	
	Color/Mono M	Stype		V1+ 1	V2-	V4-	
	Multisync N	Range		V1- 6	V3+		Recall:
	Multimode N						

SUN 365-1086		Horizontal	Vertical	Connector Pins			Grounds
M1		Freq 62.50	66.7	Red	RedI		2,7-9
		Pix 1152	900	Grn	GrnI		Ang Gnd:
	Adapter# ECL	Fpor 0.001 (84)	0.001 (81)	Blu	BluI		
	Interlace N	Bpor 3.28 (85)	0.425 (82)	Vsyn 4	Csyn	V3-	Dig Gnd:
	Video Type E	Sync 1.28 (86)	0.16 (83)	Hsyn 3	V2+	V4+	
	Color/Mono M	Stype		V1+ 1	V2-	V4-	
	Multisync N	Range		V1- 6	V3+		Recall:
	Multimode N						

SUN 365-1094		Horizontal	Vertical	Connector Pins			Grounds
17		Freq 61.80	66.0	Red	RedI		
		Pix 1152	900	Grn	GrnI		Ang Gnd:
	Adapter#	Fpor (84)	(81)	Blu	BluI		
	Interlace N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
	Video Type A	Sync (86)	(83)	Hsyn	V2+	V4+	
	Color/Mono M	Stype		V1+	V2-	V4-	
	Multisync N	Range		V1-	V3+		Recall:
	Multimode N						

SUN		Horizontal	Vertical	Connector Pins			Grounds
365-1099		Freq 71.70	76.0	Red	RedI		
		Pix 1152	900	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	1						
SUN		Horizontal	Vertical	Connector Pins			Grounds
365-1099		Freq 71.70	76.0	Red	RedI		
		Pix 1076	824	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	2						
SUN		Horizontal	Vertical	Connector Pins			Grounds
365-1112		Freq 71.70	67.0	Red A1	RedI		
GD		Pix 1280	1024	Grn A2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu A3	BluI		1,4,7,10
Interlace	N	Bpor (85)	(82)	Vsyn 2	Csyn 5	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 6	V2+	V4+	
Color/Mono	C	Stype -	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	1						
SUN		Horizontal	Vertical	Connector Pins			Grounds
365-1112		Freq 71.70	76.0	Red A1	RedI		
GD		Pix 1152	900	Grn A2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu A3	BluI		1,4,7,10
Interlace	N	Bpor (85)	(82)	Vsyn 2	Csyn 5	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 6	V2+	V4+	
Color/Mono	C	Stype -	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	2						
SUN		Horizontal	Vertical	Connector Pins			Grounds
365-1112		Freq 61.80	66.0	Red A1	RedI		
GD		Pix 1152	900	Grn A2	GrnI		Ang Gnd:
Adapter#		Fpor 0.312 (84)	0.032 (81)	Blu A3	BluI		1,4,7,10
Interlace	N	Bpor 2.1 (85)	0.502 (82)	Vsyn 2	Csyn 5	V3-	Dig Gnd:
Video Type	A	Sync 1.38 (86)	0.065 (83)	Hsyn 6	V2+	V4+	
Color/Mono	C	Stype -	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	3						
SUN		Horizontal	Vertical	Connector Pins			Grounds
365-1112		Freq 71.70	76.0	Red A1	RedI		
GD		Pix 1076	824	Grn A2	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu A3	BluI		1,4,7,10
Interlace	N	Bpor (85)	(82)	Vsyn 2	Csyn 5	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn 6	V2+	V4+	
Color/Mono	C	Stype -	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode	4						
OVERSCAN MODE							
SUN		Horizontal	Vertical	Connector Pins			Grounds
365-1113		Freq 76.71	72.2	Red	RedI		
		Pix 1280	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor 0.296 (84)	0.0261 (81)	Blu	BluI		
Interlace	N	Bpor 2.37 (85)	0.3781 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 0.889 (86)	0.1043 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype C	C	V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode							

SUN		Horizontal	Vertical	Connector Pins			Grounds
GD	365-1130	Freq 71.70	67.0	Red A1 RedI			
		Pix 1280	1024	Grn A2 GrnI			Ang Gnd:
	Adapter#	Fpor (84)	(81)	Blu A3 BluI			1,4,7,10
	Interlace N	Bpor (85)	(82)	Vsyn 2 Csyn 5	V3-		Dig Gnd:
	Video Type A	Sync (86)	(83)	Hsyn 6	V2+	V4+	
	Color/Mono C	Stype -	-	V1+	V2-	V4-	
	Multisync	Range		V1-	V3+		Recall:
	Multimode 1						

SUN		Horizontal	Vertical	Connector Pins			Grounds
GD	365-1130	Freq 71.70	76.0	Red A1 RedI			
		Pix 1152	900	Grn A2 GrnI			Ang Gnd:
	Adapter#	Fpor (84)	(81)	Blu A3 BluI			1,4,7,10
	Interlace N	Bpor (85)	(82)	Vsyn 2 Csyn 5	V3-		Dig Gnd:
	Video Type A	Sync (86)	(83)	Hsyn 6	V2+	V4+	
	Color/Mono C	Stype -	-	V1+	V2-	V4-	
	Multisync	Range		V1-	V3+		Recall:
	Multimode 2						

SUN		Horizontal	Vertical	Connector Pins			Grounds
GD	365-1130	Freq 61.80	66.0	Red A1 RedI			
		Pix 1152	900	Grn A2 GrnI			Ang Gnd:
	Adapter#	Fpor 0.312 (84)	0.032 (81)	Blu A3 BluI			1,4,7,10
	Interlace N	Bpor 2.1 (85)	0.502 (82)	Vsyn 2 Csyn 5	V3-		Dig Gnd:
	Video Type A	Sync 1.38 (86)	0.065 (83)	Hsyn 6	V2+	V4+	
	Color/Mono C	Stype -	-	V1+	V2-	V4-	
	Multisync	Range		V1-	V3+		Recall:
	Multimode 3						

SUN		Horizontal	Vertical	Connector Pins			Grounds
GD	365-1130	Freq 71.70	76.0	Red A1 RedI			
		Pix 1076	824	Grn A2 GrnI			Ang Gnd:
	Adapter#	Fpor (84)	(81)	Blu A3 BluI			1,4,7,10
	Interlace N	Bpor (85)	(82)	Vsyn 2 Csyn 5	V3-		Dig Gnd:
	Video Type A	Sync (86)	(83)	Hsyn 6	V2+	V4+	
	Color/Mono C	Stype -	-	V1+	V2-	V4-	
	Multisync	Range		V1-	V3+		Recall:
	Multimode 4						

SUN		Horizontal	Vertical	Connector Pins			Grounds
M2	365-1140	Freq 71.70	76.0	Red RedI			
		Pix 1076	824	Grn GrnI			Ang Gnd:
	Adapter#	Fpor (84)	(81)	Blu BluI			Dig Gnd:
	Interlace N	Bpor (85)	(82)	Vsyn Csyn	V3-		
	Video Type A	Sync (86)	(83)	Hsyn	V2+	V4+	
	Color/Mono M	Stype		V1+	V2-	V4-	
	Multisync N	Range		V1-	V3+		Recall:
	Multimode 1						

SUN		Horizontal	Vertical	Connector Pins			Grounds
C1	365-1143	Freq 61.80	66.0	Red RedI			
		Pix 1152	900	Grn GrnI			Ang Gnd:
	Adapter#	Fpor 0.312 (84)	0.032 (81)	Blu BluI			Dig Gnd:
	Interlace N	Bpor 2.1 (85)	0.502 (82)	Vsyn Csyn	V3-		
	Video Type A	Sync 1.38 (86)	0.065 (83)	Hsyn	V2+	V4+	
	Color/Mono C	Stype		V1+	V2-	V4-	
	Multisync N	Range		V1-	V3+		Recall:
	Multimode N						

SUN		Horizontal	Vertical	Connector Pins			Grounds
	365-1145	Freq 71.70	76.0	Red RedI			
		Pix 1152	900	Grn GrnI			Ang Gnd:
	Adapter# ECL	Fpor (84)	(81)	Blu BluI			Dig Gnd:
	Interlace N	Bpor (85)	(82)	Vsyn Csyn	V3-		
	Video Type E	Sync (86)	(83)	Hsyn	V2+	V4+	
	Color/Mono M	Stype		V1+	V2-	V4-	
	Multisync N	Range		V1-	V3+		Recall:
	Multimode						

SUN		Horizontal	Vertical	Connector Pins			Grounds
365-1286		Freq	61.80	66.0	Red A1 RedI		
		Pix	1152	900	Grn A2 GrnI		Ang Gnd:
Adapter#		Fpor	0.42 (84)	0.032 (81)	Blu A3 BluI		1,4,7,10
Interlace	N	Bpor	2.2 (85)	0.501 (82)	Vsyn 2 Csyn 5	V3-	Dig Gnd:
Video Type	A	Sync	1.36 (86)	0.065 (83)	Hsyn 6	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	1						

SUN		Horizontal	Vertical	Connector Pins			Grounds
365-1286		Freq	62.00	77.0	Red A1 RedI		
		Pix	1024	768	Grn A2 GrnI		Ang Gnd:
Adapter#		Fpor	0.38 (84)	0.032 (81)	Blu A3 BluI		1,4,7,10
Interlace	N	Bpor	2.09 (85)	0.5 (82)	Vsyn 2 Csyn 5	V3-	Dig Gnd:
Video Type	A	Sync	1.52 (86)	0.065 (83)	Hsyn 6	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode	2						

SUN		Horizontal	Vertical	Connector Pins			Grounds
540-1062		Freq	61.80	66.0	Red RedI		
		Pix	1152	900	Grn GrnI		Ang Gnd:
Adapter#	ECL	Fpor	0.44 (84)	0.032 (81)	Blu BluI		8,9
Interlace	N	Bpor	1.96 (85)	0.502 (82)	Vsyn 4 Csyn	V3-	Dig Gnd:
Video Type	E	Sync	1.4 (86)	0.064 (83)	Hsyn 3	V2+	V4+
Color/Mono	M	Stype			V1+ 1	V2-	V4-
Multisync		Range			V1- 6	V3+	Recall:
Multimode							Horizontal back porch time may also be 4.7uS

SUN		Horizontal	Vertical	Connector Pins			Grounds
540-1094		Freq	61.80	66.0	Red RedI		
EM		Pix	1152	900	Grn GrnI		Ang Gnd:
Adapter#	6	Fpor	0.312 (84)	0.032 (81)	Blu BluI		
Interlace	N	Bpor	2.1 (85)	0.502 (82)	Vsyn Csyn	V3-	Dig Gnd:
Video Type	A	Sync	1.38 (86)	0.065 (83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	C	C	V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N						

SUN		Horizontal	Vertical	Connector Pins			Grounds
540-1240		Freq	61.80	66.0	Red RedI		
M1		Pix	1152	900	Grn GrnI		Ang Gnd:
Adapter#	ECL	Fpor	(84)	(81)	Blu BluI		
Interlace	N	Bpor	(85)	(82)	Vsyn Csyn	V3-	Dig Gnd:
Video Type	E	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N						

SUN		Horizontal	Vertical	Connector Pins			Grounds
FC16AS		Freq	61.80	66.0	Red A1 RedI		
		Pix	1152	900	Grn A2 GrnI		Ang Gnd:
Adapter#		Fpor	0.312 (84)	0.032 (81)	Blu A3 BluI		1,4,7,10
Interlace	N	Bpor	2.1 (85)	0.065 (82)	Vsyn 2 Csyn 5	V3-	Dig Gnd:
Video Type	A	Sync	1.38 (86)	0.502 (83)	Hsyn 6	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

SUN		Horizontal	Vertical	Connector Pins			Grounds
M19P114		Freq	62.50	66.8	Red 1 RedI 6		2-H,8-V,9
		Pix	1152	900	Grn GrnI		Ang Gnd:
Adapter#		Fpor	0.08 (84)	0.001 (81)	Blu BluI		
Interlace	N	Bpor	3.28 (85)	0.425 (82)	Vsyn 4 Csyn	V3-	Dig Gnd:
Video Type	E	Sync	1.28 (86)	0.16 (83)	Hsyn 3	V2+	V4+
Color/Mono		Stype	-	-	V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode							

SUN		Horizontal	Vertical	Connector Pins			Grounds
VCC2191		Freq 76.70	72.1	Red	RedI		
		Pix 1024	960	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn *	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode				* add composite sync to H-INPUT			
SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
19"		Freq 48.19	59.3	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 1.25 (84)	0.228 (81)	Blu	BluI		
Interlace	N	Bpor 2.25 (85)	0.602 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.25 (86)	0.104 (83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							
SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
CM2086A3UY		Freq 60.24	75.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono		Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall: 26
Multimode				RECALL FOR CM2125			
SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
CM2186A3UY		Freq 68.68	75.0	Red	RedI		
		Pix 1152	870	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 0.32 (84)	0.044 (81)	Blu	BluI		
Interlace	N	Bpor 1.44 (85)	0.716 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.28 (86)	0.044 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							
SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
DM2060		Freq 48.70	60.0	Red	RedI		
I1		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor 0.875 (84)	0.061 (81)	Blu	BluI		
Interlace	N	Bpor 2.12 (85)	0.799 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync 1.5 (86)	0.061 (83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype -	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							
SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
STD9430		Freq 48.78	60.0	Red	RedI		
		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							
SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
STD9437		Freq 53.37	66.1	Red	RedI		
DM		Pix 1024	768	Grn	GrnI		Ang Gnd:
Adapter#	ECL	Fpor 0.888 (84)	0.001 (81)	Blu	BluI		7,8
Interlace	N	Bpor 2.22 (85)	0.671 (82)	Vsyn 4	Csyn	V3-	Dig Gnd:
Video Type	E	Sync 1.33 (86)	0.111 (83)	Hsyn 3	V2+	V4+	
Color/Mono	M	Stype -	-	V1+ 1	V2-	V4-	
Multisync		Range		V1- 6	V3+		Recall:
Multimode							

SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
STD9730		Freq		Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	M Range			V1-	V3+		Recall:5-8,10,25,
Multimode	Y						

SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
STD9750		Freq	68.60	75.1	Red	RedI	
	Pix	1152	870	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.32 (84)	0.044 (81)	Blu	BluI		
Interlace	M Bpor	1.44 (85)	0.568 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.28 (86)	0.044 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	1						

SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
STD9750		Freq	60.24	75.1	Red	RedI	
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.4 (84)	0.05 (81)	Blu	BluI		
Interlace	M Bpor	2.2 (85)	0.498 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.2 (86)	0.05 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	2						

SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
STD9751		Freq	68.60	75.1	Red	RedI	
	Pix	1152	870	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.32 (84)	0.044 (81)	Blu	BluI		
Interlace	M Bpor	1.44 (85)	0.568 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.28 (86)	0.044 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	1						

SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
STD9751		Freq	60.24	75.1	Red	RedI	
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.4 (84)	0.05 (81)	Blu	BluI		
Interlace	M Bpor	2.2 (85)	0.498 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.2 (86)	0.05 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	2						

SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
STD9782		Freq	60.24	75.0	Red	RedI	
CM	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.4 (84)	0.05 (81)	Blu	BluI		
Interlace	N Bpor	2.2 (85)	0.498 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.2 (86)	0.05 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
STD9790		Freq	60.24	75.0	Red	RedI	
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.4 (84)	0.05 (81)	Blu	BluI		
Interlace	M Bpor	2.2 (85)	0.498 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.2 (86)	0.05 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode							

SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
VCX	Freq	60.24	74.9	Red	RedI		
99	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.4 (84)	0.05 (81)	Blu	BluI		
Interlace	N Bpor	2.2 (85)	0.498 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.2 (86)	0.05 (83)	Hsyn	V2+	V4+	
Color/Mono	M Stype	G	G	V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	1						

SUPER MAC		Horizontal	Vertical	Connector Pins			Grounds
VCX	Freq	68.70	75.1	Red	RedI		
	Pix	1152	870	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.32 (84)	0.044 (81)	Blu	BluI		
Interlace	N Bpor	1.44 (85)	0.568 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.28 (86)	0.044 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	2						

SUPERMAC		Horizontal	Vertical	Connector Pins			Grounds
GDM-1952	Freq	48.78	60.0	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	1 (84)	0.062 (81)	Blu	BluI		
Interlace	N Bpor	2 (85)	0.8 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.5 (86)	0.062 (83)	Hsyn	V2+	V4+	
Color/Mono	Stype	-	-	V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	N						

SYNCO		Horizontal	Vertical	Connector Pins			Grounds	
CM-14WS	Freq			Red	RedI			
14", 90 DEGREE	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Adapter#	4 Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range30-60		50-90	V1-	V3+		Recall:	
Multimode	N VGA, SVGA, 8514A	INTERLACED IN 8514A ONLY.						

SYNCO		Horizontal	Vertical	Connector Pins			Grounds	
CM-14XV	Freq			Red	RedI			
14", 90 DEGREE	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Adapter#	4 Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range31.5/39		50-90	V1-	V3+		Recall: 5-10	
Multimode	Y VGA, SVGA, 8514A	INTERLACED IN 8514A ONLY.						

SYNCO		Horizontal	Vertical	Connector Pins			Grounds	
CM-15GS	Freq			Red	RedI			
15", 90 DEGREES	Pix	1280	1024	Grn	GrnI		Ang Gnd:	
Adapter#	4 Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range30-64		50-90	V1-	V3+		Recall:	
Multimode	N VGA, SVGA, 8514A	INTERLACED IN 8514A ONLY.						

SYNCO		Horizontal	Vertical	Connector Pins			Grounds	
CM-17GS	Freq			Red	RedI			
17" FLAT SQUARE	Pix	1280	1024	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range30-64		50-90	V1-	V3+		Recall:	
Multimode	N VGA, SVGA, 8514A	INTERLACED IN 8514A ONLY.						

SYNCO		Horizontal	Vertical	Connector Pins			Grounds
CM-20GS		Freq		Red	RedI		
20", 90 DEGREE		Pix	1280	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace	Y	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range	30-64	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY.					

SYNCO		Horizontal	Vertical	Connector Pins			Grounds
CM-20WS		Freq		Red	RedI		
20", 90 DEGREE		Pix	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace	Y	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range	30-60	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A ONLY.					

SYNCO		Horizontal	Vertical	Connector Pins			Grounds
TM-14AS		Freq	18.43	Red	RedI		
		Pix	720	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall:
Multimode	N						

SYNCO		Horizontal	Vertical	Connector Pins			Grounds
TM-14GT		Freq	18.43	Red	RedI		
		Pix	1000	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync	N	Range	18.4/25	V1-	V3+		Recall:
Multimode	N						

SYSDYNE		Horizontal	Vertical	Connector Pins			Grounds
DTP 19PW		Freq		Red	RedI		
		Pix		Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	E	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync	Y	Range	63-68	V1-	V3+		Recall:
Multimode		47-63					

TANDY		Horizontal	Vertical	Connector Pins			Grounds
26-5112		Freq	26.40	Red	RedI		
		Pix	640	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	2.14 (84)	Blu	BluI		
Interlace	N	Bpor	4.29 (85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D	Sync	2.86 (86)	Hsyn	V2+	V4+	
Color/Mono		Stype	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

TANDY		Horizontal	Vertical	Connector Pins			Grounds
CM-1		Freq	26.40	Red	RedI		
		Pix	640	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	2.14 (84)	Blu	BluI		
Interlace	N	Bpor	4.29 (85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	D	Sync	2.86 (86)	Hsyn	V2+	V4+	
Color/Mono		Stype	-	V1+	V2-	V4-	
Multisync		Range		V1-	V3+		Recall:
Multimode							

TANDY		Horizontal	Vertical	Connector Pins			Grounds
TR880 2000 SERIES		Freq 26.40	60.0	Red 3	RedI		
	Pix 640		400	Grn	GrnI		Ang Gnd:
Adapter#	Fpor (84)	(81)		Blu	BluI		2
Interlace	M Bpor (85)	(82)		Vsyn 5	Csyn	V3-	Dig Gnd:
Video Type	D Sync (86)	(83)		Hsyn 4	V2+	V4+	
Color/Mono	M Stype			V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode		ALSO #JM1	V-SYNC MAY BE PIN #7				

TATUNG		Horizontal	Vertical	Connector Pins			Grounds	
CM-1495G		Freq		Red	RedI			
	Pix 1024		768	Grn	GrnI		Ang Gnd:	
Adapter#	1 Fpor (84)	(81)		Blu	BluI			
Interlace	Y Bpor (85)	(82)		Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync (86)	(83)		Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range15-37	40-120		V1-	V3+		Recall: 0-10	
Multimode	N	VGA, SVGA, EGA, 8INTERLACED IN 8514A MODE.						

TATUNG		Horizontal	Vertical	Connector Pins			Grounds	
CM-2000		Freq		Red	RedI			
	Pix 1280		1024	Grn	GrnI		Ang Gnd:	
Adapter#	4 Fpor (84)	(81)		Blu	BluI			
Interlace	Y Bpor (85)	(82)		Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync (86)	(83)		Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range21-65	43-100		V1-	V3+		Recall: 5-9,+	
Multimode	N	VGA, SVGA, 8514AINTERLACED IN 8514A MODE						

TATUNG		Horizontal	Vertical	Connector Pins			Grounds	
CM1400		Freq		Red	RedI			
	Pix 1024		768	Grn	GrnI		Ang Gnd:	
Adapter#	4 Fpor (84)	(81)		Blu	BluI			
Interlace	Y Bpor (85)	(82)		Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync (86)	(83)		Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range31.5-38	55-90		V1-	V3+		Recall: 5-9,+	
Multimode	Y	VGA, SVGA, 8514AINTERLACED IN 8514A MODE						

TATUNG		Horizontal	Vertical	Connector Pins			Grounds
CM1492V		Freq 31.50		Red	RedI		
	Pix 640		480	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor (84)	(81)		Blu	BluI		
Interlace	N Bpor (85)	(82)		Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync (86)	(83)		Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range	50/60/70		V1-	V3+		Recall: 5,6,7
Multimode	VGA						

TATUNG		Horizontal	Vertical	Connector Pins			Grounds	
CM1495H		Freq		Red	RedI			
	Pix 1024		768	Grn	GrnI		Ang Gnd:	
Adapter#	1 Fpor (84)	(81)		Blu	BluI			
Interlace	Y Bpor (85)	(82)		Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	D Sync (86)	(83)		Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	N Range15-37	40-120		V1-	V3+		Recall: 2,7-9,28	
Multimode	Y	VGA, SVGA, MDA, EINTERLACED IN 8514A MODE. ALSO ANALOG.						

TATUNG		Horizontal	Vertical	Connector Pins			Grounds	
CM1496V		Freq 31.50		Red	RedI			
	Pix 640		480	Grn	GrnI		Ang Gnd:	
Adapter#	4 Fpor (84)	(81)		Blu	BluI			
Interlace	N Bpor (85)	(82)		Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync (86)	(83)		Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	N Range	50/60/70		V1-	V3+		Recall: 5,6,7	
Multimode	Y	VGA						

TATUNG CM14SAE		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range 31.5-38	55-90	V1-	V3+		Recall: 5-9,+
Multimode	Y	VGA, SVGA, 8514A INTERLACED IN 8514A MODE					

TATUNG CM14SAM		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range		V1-	V3+		Recall: 7-9,28
Multimode	Y	VGA, SVGA, 8514A INTERLACED IN 8514A MODE.					

TATUNG CM14SAS		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range		V1-	V3+		Recall: 7-9,28
Multimode	Y	VGA, SVGA, VESA, INTERLACED IN 8514A MODE.					

TATUNG CM14UAS		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range 31.5/48	50-80	V1-	V3+		Recall: 5-9,+
Multimode	Y	VGA, SVGA, 8514A INTERLACED IN 8514A MODE					

TATUNG CM17MBD		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	Y	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range 29-65	50-90	V1-	V3+		Recall: 5-9,+
Multimode	N	VGA, SVGA, 8514A INTERLACED IN 8514A MODE					

TATUNG MM1432		Horizontal	Vertical	Connector Pins			Grounds
	Freq	31.50		Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	N	Range	50-70	V1-	V3+		Recall: 5,6,7
Multimode	3	VGA					

TATUNG MM14SAE		Horizontal	Vertical	Connector Pins			Grounds
	Freq	37.90	72.0	Red	RedI		
	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor (84)	(81)	Blu	BluI		
Interlace	N	Bpor (85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync (86)	(83)	Hsyn	V2+	V4+	
Color/Mono	M	Stype		V1+	V2-	V4-	
Multisync	N	Range		V1-	V3+		Recall: 28
Multimode	Y	VESA					

TATUNG MM1580		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix			Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	D	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall: 7
Multimode		FULL PAGE DISPFULL PAGE					

TATUNG 1401		Horizontal	Vertical	Connector Pins			Grounds
	Freq	18.45		50.0	Red	RedI	
	Pix	720		350	Grn	GrnI	Ang Gnd:
Adapter#	1	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	D	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall: 1
Multimode	N	MDA					

TAXAN 650/635		Horizontal	Vertical	Connector Pins			Grounds
	Freq	25.90		57.0	Red 3	RedI	
	Pix	640		400	Grn 4	GrnI	Ang Gnd:
Adapter#	2	Fpor	2.5 (84)	0.62 (81)	Blu 7	BluI	1
Interlace	N	Bpor	5.3 (85)	0.93 (82)	Vsyn 9	Csyn	V3-
Video Type	D	Sync	1.6 (86)	0.62 (83)	Hsyn 8	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

TAXAN 875 MULTIVISION		Horizontal	Vertical	Connector Pins			Grounds
	Freq				Red	RedI	
	Pix	1280		1040	Grn	GrnI	Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	-	-	V1+	V2-	V4-
Multisync	Y	Range	30-75	50-90	V1-	V3+	Recall:
Multimode							

TAXAN KS12R401SU ##		Horizontal	Vertical	Connector Pins			Grounds
	Freq	24.75		56.0	Red	RedI	
	Pix	600		400	Grn	GrnI	Ang Gnd:
Adapter#	1	Fpor	2.6 (84)	0.64 (81)	Blu	BluI	
Interlace	N	Bpor	5.3 (85)	0.95 (82)	Vsyn	Csyn	V3-
Video Type	D	Sync	1.9 (86)	0.64 (83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode		VISION 440					

TAXAN 620		Horizontal	Vertical	Connector Pins			Grounds
	Freq	15.70			Red 2	RedI 5	
	Pix	640		200	Grn 3	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu 4	BluI	6
Interlace	N	Bpor	(85)	(82)	Vsyn 8	Csyn	V3-
Video Type	D	Sync	(86)	(83)	Hsyn 7	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range		49-61	V1-	V3+	Recall:
Multimode							

TEKTRONIX 119-4409-01 19" MONOCHROME		Horizontal	Vertical	Connector Pins			Grounds
	Freq	76.33		72.0	Red	RedI	
	Pix	1280		1024	Grn	GrnI	Ang Gnd:
Adapter#	BNC	Fpor	0.2475 (84)	0.001 (81)	Blu	BluI	
Interlace	N	Bpor	1.734 (85)	472.2 (82)	Vsyn	Csyn	V3-
Video Type	A	Sync	1.2374 (86)	52.467 (83)	Hsyn	V2+	V4+
Color/Mono	M	Stype	+	+	V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall:
Multimode	N						

TOSHIBA		Horizontal	Vertical	Connector Pins			Grounds
P172665		Freq		Red	RedI		
OMNISYNC CT		Pix	1280	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	Blu	BluI		
Interlace		Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range	30-65	V1-	V3+		Recall: 5-9
Multimode	N	VGA, SVGA, 8514/OTHER RECALL MODES MAY BE COMPATIBLE					

TOSHIBA		Horizontal	Vertical	Connector Pins			Grounds
P172680		Freq		Red	RedI		
OMNISYNC CW		Pix	1600	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	Blu	BluI		
Interlace		Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range	30-80	V1-	V3+		Recall: 5-9
Multimode	N	VGA, SVGA, 8514/OTHER RECALL MODES MAY BE COMPATIBLE					

TOSHIBA		Horizontal	Vertical	Connector Pins			Grounds
P17CM01		Freq		Red	RedI		
OMNISYNC CM		Pix	1280	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range	30-65	V1-	V3+		Recall: 5-9
Multimode	N	VGA, SVGA, 8514/OTHER RECALL MODES MAY BE COMPATIBLE					

TOSHIBA		Horizontal	Vertical	Connector Pins			Grounds
P17CS01		Freq		Red	RedI		
OMNISYNC CS		Pix	1280	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	Blu	BluI		
Interlace		Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range	30-65	V1-	V3+		Recall: 5-9
Multimode	N	VGA, SVGA, 8514/OTHER RECALL MODES MAY BE COMPATIBLE					

TOSHIBA		Horizontal	Vertical	Connector Pins			Grounds
P17CU01		Freq		Red	RedI		
OMNISYNC CU		Pix	1024	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	Blu	BluI		
Interlace	N	Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range	30-57	V1-	V3+		Recall: 5-9
Multimode	N	VGA, SVGA, 8514/OTHER RECALL MODES MAY BE COMPATIBLE					

TOSHIBA		Horizontal	Vertical	Connector Pins			Grounds
P21CR00		Freq		Red	RedI		
OMNISYNC CR		Pix	1280	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace		Bpor	(85)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	V2+	V4+	
Color/Mono	C	Stype		V1+	V2-	V4-	
Multisync	Y	Range	30-65	V1-	V3+		Recall:
Multimode	N	VGA, SVGA, 8514/OTHER RECALL MODES MAY BE COMPATIBLE					

TRI-POLE		Horizontal	Vertical	Connector Pins			Grounds
T1015AT-AR, AF		Freq		Red	RedI		5-9
		Pix		Grn	1 GrnI		Ang Gnd:
Adapter#		Fpor	(84)	Blu	BluI		
Interlace		Bpor	(85)	Vsyn	4 Csyn	V3-	Dig Gnd:
Video Type	A	Sync	(86)	Hsyn	3 V2+	V4+	
Color/Mono	M	Stype	-	V1+	V2-	V4-	
Multisync	Y	Range	60-75	V1-	V3+		Recall:
Multimode			65-85				

TRI-POLE		Horizontal	Vertical	Connector Pins			Grounds
T1015AT-TR,TF		Freq	68.85	75.0	Red	RedI	1-5
		Pix	640	870	Grn 7	GrnI 6	Ang Gnd:
Adapter#		Fpor	0.559 (84)	0.044 (81)	Blu	BluI	
Interlace	N	Bpor	1.12 (85)	0.61 (82)	Vsyn 9	Csyn	V3- Dig Gnd:
Video Type	-D	Sync	1.68 (86)	0.044 (83)	Hsyn 8	V2+	V4+
Color/Mono	M	Stype	-	-	V1+	V2-	V4-
Multisync	Y	Range	60-75	65-85	V1-	V3+	Recall:
Multimode	N						

TVM		Horizontal	Vertical	Connector Pins			Grounds
MD-11 III+		Freq			Red	RedI	
MEDIASCAN 3+		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type		Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	15-38	46-100	V1-	V3+	Recall:
Multimode	N						

TVM		Horizontal	Vertical	Connector Pins			Grounds
MD-14 I+		Freq			Red	RedI	
MEDIASCAN 1A+		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type		Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5-35.5	45-100	V1-	V3+	Recall:
Multimode	N						

TVM		Horizontal	Vertical	Connector Pins			Grounds
MD-14 III LR		Freq			Red	RedI	
LOW RADIATION		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5-35.5	50-100	V1-	V3+	Recall:
Multimode	N						

TVM		Horizontal	Vertical	Connector Pins			Grounds
MD-14 III LR		Freq			Red	RedI	
LOW RADIATION		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5-35.5	50-100	V1-	V3+	Recall:
Multimode	N						

TVM		Horizontal	Vertical	Connector Pins			Grounds
MD-14 IV+		Freq			Red	RedI	
MEDIASCAN 4A+		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type		Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5-48	50-90	V1-	V3+	Recall:
Multimode	N						

BOTH INTERLACED AND NON-INTERLACED

TVM		Horizontal	Vertical	Connector Pins			Grounds
MD-15		Freq			Red	RedI	
MEDIASCAN 5A		Pix	1024	768	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type		Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	31.5-48	40-100	V1-	V3+	Recall:
Multimode	N						

BOTH INTERLACED AND NON-INTERLACED

TVM		Horizontal	Vertical	Connector Pins			Grounds	
MD-15+ LR	Freq			Red	RedI			
LOW RADIATION 5A+	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range27-57		40-100	V1-	V3+		Recall:	
Multimode	N	BOTH INTERLACED AND NON-INTERLACED IN						

TVM		Horizontal	Vertical	Connector Pins			Grounds	
MD-17	Freq			Red	RedI			
MEDIASCAN 6A	Pix	1280	1024	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range29-66		50-90	V1-	V3+		Recall:	
Multimode	N							

TVM		Horizontal	Vertical	Connector Pins			Grounds	
MD-20	Freq			Red	RedI			
MEDIASCAN 7A	Pix	1280	1024	Grn	GrnI		Ang Gnd:	
Adapter#	Fpor	(84)	(81)	Blu	BluI			
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+		
Color/Mono	C Stype			V1+	V2-	V4-		
Multisync	Y Range29-66		50-90	V1-	V3+		Recall:	
Multimode	N							

TYSTAR		Horizontal	Vertical	Connector Pins			Grounds	
TY-1415P	Freq			Red	RedI			
Adapter#	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Interlace	Y Fpor	(84)	(81)	Blu	BluI			
Video Type	A Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Color/Mono	C Sync	(86)	(83)	Hsyn	V2+	V4+		
Multisync	Y Range31.5-38		50-90	V1+	V2-	V4-		
Multimode	N	ONLY INTERLACED IN 8514A DISPLAY MODE					Recall:	

TYSTAR		Horizontal	Vertical	Connector Pins			Grounds	
TY-1415PH	Freq			Red	RedI			
Adapter#	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Interlace	Y Fpor	(84)	(81)	Blu	BluI			
Video Type	A Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Color/Mono	C Sync	(86)	(83)	Hsyn	V2+	V4+		
Multisync	Y Range31.5-38		43-100	V1+	V2-	V4-		
Multimode	N	ONLY INTERLACED IN 8514A DISPLAY MODE					Recall:	

TYSTAR		Horizontal	Vertical	Connector Pins			Grounds	
TY-1448	Freq			Red	RedI			
Adapter#	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Interlace	N Fpor	(84)	(81)	Blu	BluI			
Video Type	A Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Color/Mono	C Sync	(86)	(83)	Hsyn	V2+	V4+		
Multisync	Y Range30-50		50-90	V1+	V2-	V4-		
Multimode	N						Recall:	

TYSTAR		Horizontal	Vertical	Connector Pins			Grounds	
TY-1458	Freq			Red	RedI			
Adapter#	Pix	1024	768	Grn	GrnI		Ang Gnd:	
Interlace	N Fpor	(84)	(81)	Blu	BluI			
Video Type	A Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:	
Color/Mono	C Sync	(86)	(83)	Hsyn	V2+	V4+		
Multisync	Y Range30-60		50-90	V1+	V2-	V4-		
Multimode	N	14"					Recall:	

TYSTAR TY-1764		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range	30-65	47-90	V1-	V3+		Recall:
Multimode			17"				

TYSTAR TY-2064		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Range	30-65	48-90	V1-	V3+		Recall:
Multimode			20"				

U.S. PIXEL PX19-9		Horizontal	Vertical	Connector Pins				Grounds
	Freq	74.63	60.0	Red	RedI			
	Pix	1600	1200	Grn	GrnI		Ang Gnd:	
Adapter#	ECL Fpor	(84)	(81)	Blu	BluI		7,8	
Interlace	N Bpor	(85)	(82)	Vsyn 9	Csyn	V3-	Dig Gnd:	
Video Type	E Sync	(86)	(83)	Hsyn 5	V2+ 3	V4+		
Color/Mono	M Stype	+	+	V1+ 1	V2- 2	V4-		
Multisync	Range			V1- 6	V3+		Recall:	
Multimode							Sync must be positive	

UNISYS UDC2-Q5A		Horizontal	Vertical	Connector Pins			Grounds
	Freq	47.26	59.2	Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.952 (84)	0.001 (81)	Blu	BluI		
Interlace	N Bpor	1.89 (85)	0.36 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.81 (86)	0.085 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-		V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	2						

UNISYS VDC2-Q5A		Horizontal	Vertical	Connector Pins			Grounds
	Freq	61.90	58.6	Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	0.26 (84)	0.016 (81)	Blu	BluI		
Interlace	N Bpor	2.17 (85)	0.469 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.52 (86)	0.048 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-		V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	1						

UNISYS VDC2-Q5A		Horizontal	Vertical	Connector Pins			Grounds
	Freq	37.30	60.0	Red	RedI		
	Pix	800	600	Grn	GrnI		Ang Gnd:
Adapter#	6 Fpor	1.16 (84)	0.08 (81)	Blu	BluI		
Interlace	N Bpor	2 (85)	0.429 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	2 (86)	0.08 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-		V1+	V2-	V4-	
Multisync	Range			V1-	V3+		Recall:
Multimode	3						

USFO D-4NI		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range	30-50	50-90	V1-	V3+		Recall: 9,28-31
Multimode	N	VGA, SVGA, VESA, INTERLACED IN 8514A MODE.					

USFO		Horizontal	Vertical	Connector Pins			Grounds
D-4ST	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-50		50-90	V1-	V3+		Recall: 9,28-31
Multimode	N VGA, SVGA, VESA, INTERLACED IN 8514A MODE.						
USFO		Horizontal	Vertical	Connector Pins			Grounds
D-4VS	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-64		50-90	V1-	V3+		Recall: 9,12,28-32
Multimode	N VGA, SVGA, VESA, INTERLACED IN 8514A MODE.						
USFO		Horizontal	Vertical	Connector Pins			Grounds
D-5VS	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	Y Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-64		50-90	V1-	V3+		Recall: 9,12,28-32
Multimode	N VGA, SVGA, VESA, INTERLACED IN 8514A MODE.						
USFO		Horizontal	Vertical	Connector Pins			Grounds
D-7MP (F)	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range31-70		50-90	V1-	V3+		Recall: 12,18,28-3
Multimode	N VGA, SVGA, VESA,						
USFO		Horizontal	Vertical	Connector Pins			Grounds
D-7MP (N)	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range31-70		50-90	V1-	V3+		Recall: 12,18,28-3
Multimode	N VGA, SVGA, VESA,						
VIDEO MONITORS		Horizontal	Vertical	Connector Pins			Grounds
C6000	Freq			Red	RedI		
	Pix	1280	1200	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	(84)	(81)	Blu	BluI		
Interlace	N Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	C Stype			V1+	V2-	V4-	
Multisync	Y Range30-68		30-120	V1-	V3+		Recall:
Multimode	CAD/CAM						
VIDEO MONITORS		Horizontal	Vertical	Connector Pins			Grounds
LD C6000-058	Freq	61.80	66.0	Red	RedI		
	Pix	1152	900	Grn	GrnI		Ang Gnd:
Adapter#	Fpor	0.17 (84)	0.032 (81)	Blu	BluI		
Interlace	N Bpor	2.24 (85)	0.5 (82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	1.38 (86)	0.064 (83)	Hsyn	V2+	V4+	
Color/Mono	C Stype	-	-	V1+	V2-	V4-	
Multisync	N Range			V1-	V3+		Recall:
Multimode	N						

VIEWSONIC		Horizontal	Vertical	Connector Pins			Grounds
4E	Freq			Red	RedI		
VIEWSONIC 4E	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Y Range	31.5-35.5	50-90	V1-	V3+		Recall: 7-9
Multimode	N VGA, SVGA, 8514/						

VIEWSONIC		Horizontal	Vertical	Connector Pins			Grounds
5+	Freq			Red	RedI		
VIEWSONIC 5+	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Y Range	31-57	50-90	V1-	V3+		Recall: 7-9
Multimode	N VGA, SVGA, 8514/						

VIEWSONIC		Horizontal	Vertical	Connector Pins			Grounds
5E	Freq			Red	RedI		
VIEWSONIC 5E	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Y Range	31-60	50-90	V1-	V3+		Recall: 7-9
Multimode	N VGA, SVGA, 8514/						

VIEWSONIC		Horizontal	Vertical	Connector Pins			Grounds
6E	Freq			Red	RedI		
VIEWSONIC 6E	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Y Range	31.5-48	50-90	V1-	V3+		Recall: 7-9
Multimode	N VGA, SVGA, 8514/						

VIEWSONIC		Horizontal	Vertical	Connector Pins			Grounds
6FS	Freq			Red	RedI		
VIEWSONIC 6FS	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4,5 Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	Y Range	31-60	50-90	V1-	V3+		Recall: 7-10
Multimode	N VGA, SVGA, 8514/RCL						7-9=ADPTR #4; RCL 10=ADPTR #5.

VIEWSONIC		Horizontal	Vertical	Connector Pins			Grounds
1	Freq			Red	RedI		
VIEWSONIC 1	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	N Range	31.5	50-70	V1-	V3+		Recall: 7
Multimode	Y VGA						

VIEWSONIC		Horizontal	Vertical	Connector Pins			Grounds
2	Freq			Red	RedI		
VIEWSONIC 2	Pix	640	480	Grn	GrnI		Ang Gnd:
Adapter#	4 Fpor	(84)	(81)	Blu	BluI		
Interlace	Bpor	(85)	(82)	Vsyn	Csyn	V3-	Dig Gnd:
Video Type	A Sync	(86)	(83)	Hsyn	V2+	V4+	
Color/Mono	Stype			V1+	V2-	V4-	
Multisync	N Range	31.5	50-70	V1-	V3+		Recall: 7
Multimode	Y VGA						

VIEWSONIC 6		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#	4	Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync	Y	Range	30-50		V1-	V3+	Recall: 7-9
Multimode	N	VGA, SVGA,	8514/				

VIEWSONIC 7		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4,5	Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync	Y	Range	30-64		V1-	V3+	Recall: 7-10
Multimode	N	VGA, SVGA,	8514/RCL	7-9=ADPTR #4; RCL 10=ADPTR #5.			

VIEWSONIC 8		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	4,5	Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync	Y	Range	30-64		V1-	V3+	Recall: 7-10
Multimode	N	VGA, SVGA,	8514/RCL	7-9=ADPTR #4; RCL 10=ADPTR #5.			

VIEWSONIC 21		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1600	1280	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	M	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-82		V1-	V3+	Recall:
Multimode	N	PC, MAC					

WEN JK1450		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1024	768	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	29.5-48		V1-	V3+	Recall:
Multimode	N	VGA, SVGA,	MACII				

WEN JK1770		Horizontal	Vertical	Connector Pins			Grounds
	Freq			Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	30-64		V1-	V3+	Recall:
Multimode	N	VGA, SVGA,	MACII				

WESTINGHOUSE 1642		Horizontal	Vertical	Connector Pins			Grounds
	Freq	15.70	60.0	Red	RedI		
	Pix	640	200	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3- Dig Gnd:
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	G		V1+	V2-	V4-
Multisync	N	Range			V1-	V3+	Recall: 0
Multimode	N	CGA		USE ANOLOG & SYNC ON GREEN			

WYSE		Horizontal	Vertical	Connector Pins			Grounds
790M		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#	6	Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype			V1+	V2-	V4-
Multisync	Y	Range	42-70	58-80	V1-	V3+	Recall:
Multimode							

WYSE		Horizontal	Vertical	Connector Pins			Grounds
WY-7500		Freq		Red	RedI		
GRAYSCALE GRAPHICS		Pix	1280	1024	Grn	GrnI	Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace	N	Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type	A	Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono	C	Stype	C	C	V1+	V2-	V4-
Multisync	Y	Range	42-71	60-85	V1-	V3+	Recall:
Multimode	N	VGA, EGA, CGA, MDTWO CONNECTORS FOR COLOR AND MONOCHROME					

WYSE		Horizontal	Vertical	Connector Pins			Grounds
WY-790N		Freq		Red	RedI		
	Pix	1280	1024	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	0.726 (84)	0.043 (81)	Blu	BluI	
Interlace	N	Bpor	1.9 (85)	0.429 (82)	Vsyn	Csyn	V3-
Video Type	A	Sync	0.9 (86)	0.043 (83)	Hsyn	V2+	V4+
Color/Mono	M	Stype	C	C	V1+	V2-	V4-
Multisync	Y	Range	42-71	60-85	V1-	V3+	Recall:
Multimode	N	VGA, EGA, CGA, MD19" MONOCHROME					

WYSE		Horizontal	Vertical	Connector Pins			Grounds
WY700		Freq	32.00		Red 3	RedI 4	
	Pix	1024	800	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	8,9
Interlace	Y	Bpor	(85)	(82)	Vsyn 2	Csyn	V3-
Video Type	D	Sync	(86)	(83)	Hsyn 1	V2+	V4+
Color/Mono	M	Stype	+	+	V1+	V2-	V4-
Multisync	N	Range		69.4, 76	V1-	V3+	Recall:
Multimode							

WYSE		Horizontal	Vertical	Connector Pins			Grounds
60		Freq	26.60		Red	RedI	
	Pix	800	416	Grn	GrnI		Ang Gnd:
Adapter#		Fpor	(84)	(81)	Blu	BluI	
Interlace		Bpor	(85)	(82)	Vsyn	Csyn	V3-
Video Type		Sync	(86)	(83)	Hsyn	V2+	V4+
Color/Mono		Stype			V1+	V2-	V4-
Multisync		Range			V1-	V3+	Recall:
Multimode							

ZENITH		Horizontal	Vertical	Connector Pins			Grounds
19MGM2		Freq	64.70		Red	RedI	
	Pix	1024	826	Grn	GrnI		Ang Gnd:
Adapter#	ECL	Fpor	0.432 (84)	0.015 (81)	Blu	BluI	8,9
Interlace	N	Bpor	2.59 (85)	0.433 (82)	Vsyn 4	Csyn	V3-
Video Type	E	Sync	0.8 (86)	0.124 (83)	Hsyn 3	V2+	V4+
Color/Mono	M	Stype			V1+ 1	V2-	V4-
Multisync		Range			V1- 6	V3+	Recall:
Multimode							

Appendix A - Parameters of Stored Setups

<u>RECALL</u>	<u>FORMAT</u>	<u>HORIZ FREQ</u> (kHz)	<u>VERT FREQ</u> (Hz)	<u>HORIZ PIX</u>	<u>VERT PIX</u>	<u>VIDEO TYPE</u>	<u>INTER LACE</u>	<u>V_FP</u> (81)	<u>V_BP</u> (82)	<u>V_S</u> (83)	<u>H_FP</u> (84)	<u>H_BP</u> (85)	<u>H_S</u> (86)
0	CGA, EGA LO	15.8	60.5	640 X	200	D	OFF	1.580	2.150	0.190	6.600	7.200	4.200
1	MDA, HERCULES	18.4	50.0	720 X	350	D	OFF	0.001	0.200	0.900	0.600	1.100	8.300
2	EGA HI	21.8	60.0	640 X	350	D	OFF	0.001	0.080	0.600	0.001	1.600	4.900
3	PGC 1	30.5	60.0	640 X	400	A	OFF	1.380	2.110	0.070	0.400	2.800	4.500
4	PGC 2	30.5	60.0	640 X	480	A	OFF	0.070	0.790	0.070	0.400	2.800	4.500
5	VGA 1	31.5	70.1	640 X	350	A	OFF	1.180	1.910	0.060	0.640	1.910	3.810
6	VGA 2, MCGA 1	31.5	70.1	720 X	400	A	OFF	0.380	1.110	0.060	0.640	1.910	3.810
7	VGA 3, MCGA 2	31.5	60.0	640 X	480	A	OFF	0.320	1.050	0.060	0.640	1.910	3.810
8	SVGA	35.2	56.0	800 X	600	A	OFF	0.030	0.630	0.060	0.670	3.560	2.000
9	8514A, XGA	35.5	87.0	1024 X	768	A	ON	0.030	0.563	0.113	0.180	1.250	3.920
10	MAC	35.0	67.0	640 X	480	A	OFF	0.086	1.120	0.086	2.120	3.170	2.120
11	Generic	48.4	60.5	1024 X	768	A	OFF	0.020	0.540	0.080	0.750	2.600	1.000
12	Apollo	64.0	60.0	1280 X	1024	A	OFF	0.020	0.580	0.080	0.750	2.000	1.000
13	DEC	54.9	60.0	1024 X	874	A	OFF	0.042	0.644	0.055	0.378	1.120	2.130
14	SUN	61.8	66.0	1152 X	900	A	OFF	0.001	0.508	0.065	0.106	2.380	1.500
15	IBM, Apollo	63.4	60.0	1280 X	1024	A	OFF	0.051	0.411	0.048	0.240	2.250	1.880
16	Apollo	64.0	76.0	1024 X	800	A	OFF	0.063	0.539	0.063	0.755	1.490	1.610
17	IBM	70.8	67.0	1360 X	1024	A	OFF	0.001	0.354	0.113	0.383	1.370	1.880
18	Apollo	75.1	70.0	1280 X	1024	A	OFF	0.040	0.562	0.046	0.261	1.490	1.380
19	Radius	66.0	72.0	1152 X	882	A	OFF	0.001	0.380	0.200	0.138	2.420	1.280

RECALL	FORMAT	HORIZ FREQ (kHz)	VERT FREQ (Hz)	HORIZ PIX	VERT PIX	VIDEO		INTER		V S (83)	H FP (84)	H BP (85)	H S (86)
						TYPE	LACE	V FP (81)	V BP (82)				
20	Radius/MAC port. 640x870/75Hz	68.9	75.0	640	870	A	OFF	0.044	0.610	0.044	0.559	1.120	1.680
21	Radius/MAC	68.7	75.0	1152	870	A	OFF	0.044	0.716	0.044	0.320	1.440	1.280
22	Radius	64.8	72.0	1152	870	A	OFF	0.001	0.478	0.046	0.170	2.300	1.350
23	Apollo	68.2	64.0	1280	1024	D	OFF	0.059	0.498	0.059	0.407	1.900	1.490
24	Sun	89.2	66.9	1600	1280	D	OFF	0.011	0.471	0.112	0.001	1.400	2.030
25	MAC	49.7	74.6	832	624	A	OFF	0.020	0.784	0.060	0.559	3.910	1.117
26	SuperMac	60.2	75.0	1024	768	A	OFF	0.050	0.498	0.050	0.420	2.200	1.200
27	NTSC Mono Video Monitor	15.8	60.0	640	242	A	ON	0.191	0.892	0.191	1.500	3.200	4.700
28	VESA	37.9	72.0	640	480	A	OFF	0.238	0.740	0.079	0.762	4.063	1.270
29	VESA	37.9	60.0	800	600	A	OFF	0.026	0.607	0.106	1.000	2.200	3.200
30	VESA	48.1	72.0	800	600	A	OFF	0.770	0.478	0.125	1.120	1.280	2.400
31	VESA	48.4	60.0	1024	768	A	OFF	0.062	0.600	0.124	0.369	2.462	2.092
32	VESA	56.5	70.0	1024	768	A	OFF	0.053	0.513	0.106	0.321	1.920	1.813
33	XGA-2	39.4	87.9	720	350	A	OFF	0.811	1.344	0.051	0.254	1.268	3.042
34	XGA-2	39.4	87.9	720	400	A	OFF	0.152	0.685	0.051	0.254	1.268	3.042
35	XGA-2	39.4	75.0	640	480	A	OFF	0.076	0.610	0.051	0.254	1.268	3.048
36	XGA-2	61.1	75.0	1024	768	A	OFF	0.001	0.491	0.131	0.093	0.651	3.721
37	Sony	48.8	60.0	1024	768	A	OFF	0.062	0.800	0.062	1.000	1.500	2.000
38	Sony	61.8	66.0	1152	900	A	OFF	0.032	.0502	0.065	0.312	2.100	1.380
39	Sony	63.3	60.0	1280	1024	A	OFF	0.047	0.411	0.047	0.407	1.050	1.700
40	Samsung	62.8	59.8	1006	1048	-D	OFF	0.001	0.542	0.127	0.150	1.580	1.880
41	DEC	54.0	60.0	1024	864	A	OFF	0.001	0.629	0.056	0.160	1.680	1.850
42	DEC	70.7	66.5	1280	1024	A	OFF	0.042	0.467	0.042	0.267	1.870	1.330

Appendix B - Monitor Manufacturers

We have made every effort to ensure the following telephone numbers are correct. However, telephone numbers change beyond our ability to track and we cannot be responsible for incorrect listings.

We have attempted to include information for as many monitor manufacturers as possible. If a manufacturer is omitted it is because we do not have sufficient information to list them.

Aamazing

(714) 255-1688

Acer

(408) 432-6200
(800) 733-8837

Action

(818) 813-1500

ADI

(408) 944-0100
(201) 334-0019

Amdek

(800) 800-9973

AOC

(615) 661-4366
(408) 954-0325

AST

(714) 727-4141

Apple

(800) 767-2775
(800) 776-2333 FAX

Atari

(408) 745-2000

Aydin

(215) 657-7510

Barco

(800) 992-5016
(404) 590-7900

Commodore

(800) 874-4811

Compaq

(713) 374-5392

Conrac

(818) 303-0095

Cornerstone

(408) 435-8900 Corporate
(408) 434-3300 FAX
(800) 562-2552

CTX

(714) 595-6146

Daewoo

(310) 774-1746
(312) 876-0255
(212) 909-8200

DEC

(800) 722-9332

Dell

(800) 624-9896 support
(800) 950-1329 FAX

Dotronics

(715) 834-7785

DTC/Qume

(408) 262-7700 support
(408) 942-4000 corporate

DTK

(818) 810-8880

E-Machine

(503) 646-6699

Electrohome

(519) 744-7111

ETC

(510) 226-6250

Essex

(713) 784-6632

Fimi

(508) 562-4803

Genius

(612) 437-2233
(800) 328-9524

Goldstar

(205) 772-8860
(800) 777-1192
(800) 777-1256
(800) 255-2550
(408) 432-1331

Hitachi

(510) 785-9770
(408) 720-1735
(800) 241-6558

HP/Apollo

(612) 649-4224
(800) 225-5290
(800) 323-2282
(800) 548-8833 Medical

Hyundai

(800) 289-4986
(416) 882-5255

IBM

(800) 426-3333
(800) 772-2227 support
(404) 835-6592 support
(800) 879-2755 manuals
(800) 426-4329 FAX

Ikegami

(310) 534-0050

Iiyama/ IDEK

(215) 957-6551

Image Systems

(612) 935-1171
(408) 734-5260

Intra

(408) 744-1706

Kaga (see Taxan)

KFC

(714) 546-0336

KTV, Korea Electronics

(201) 440-9090

Laser Data

(508) 649-4600

Leading Edge

(800) 874-3340

MAG

(714) 751-2008

Magnavox

(615) 521-4366
(615) 475-0219

Mirror Technology

(612) 633-4450
(612) 633-3136 FAX

Appendix B continued - Monitor Manufacturers

Mitsubishi
(800) 344-6352
(800) 843-2515
(714) 236-6453 FAX

Moniterm (see MPI below)

**Monitor Technology Inc. /
Moniterm**
(612) 551-1478

Nanao
(310) 325-5202
(800) 800-5202

NCR
(800) 543-9935

NEC
(508) 264-8000
(708) 860-9500

Nissei Sangyo
(617) 893-5700

Olivetti
(800) 255-4319

Packard Bell
(800) 733-4433

Panasonic
(800) 848-3979
(201) 348-9090

Philips
(615) 521-4316

Princeton Graphic
(800) 221-1490
(404) 664-4103 FAX

Qume (see DTC)

Radius
(408) 434-1012
(800) 227-2795
(800) 966-7360 FAX

RasterOps
(800) 729-2656

Relisys
(408) 945-9000

Sampo
(404) 449-6220

Samsung
(201) 691-6200
(310) 802-8425
(714) 522-1282
(201) 347-8650 FAX

Samtron
(310) 802-8425
(714) 522-1280

Seiko
(800) 553-5312
(408) 922-5900

Sony
(619) 673-2703 GDM units
(708) 773-6000 PVM units
(816) 891-7550 Natl. Parts

Sun
(415) 960-1300 Corporate
(408) 276-4959
(303) 290-1645
(612) 832-4155
(800) 873-7869

Super Mac
(408) 541-6100

Tandy
(817) 390-3861

Tatung
(402) 234-7954
(800) 827-2850
(310) 979-7055

Taxan
(408) 263-4900
(408) 946-3400

Tektronix
(800) 547-8949

Televideo Systems Inc.
(408) 954-8333

Toshiba
(708) 541-9400
(714) 455-2000

Tri-Pole
(714) 890-5332
(714) 890-5335 FAX

TVM
(714) 985-4788

Tystar

(816) 842-7900

Ultimate Display
(404) 664-1016

Unisys/Burroughs
(419) 866-2218

ViewSonic
(909) 869-7318

Video Monitors, Inc.
(715) 834-7785

Wyse
(408) 473-1200
(408) 435-2770 FAX
(800) 752-8557
(800) 800-9973

Zenith
(312) 745-5281
(708) 391-7864
(800) 227-3360

Appendix C - Parts & Schematic Sources

Note: The following list of parts sources is compiled with the input of many of our customers. Sencore makes no claims as

to its completeness or its accuracy, nor can we vouch for the service or the availability of parts from any of the vendors.

ADI

General parts
(408) 944-0100

Advantage

General parts
(800) 233-7041

AmcoTron

Flybacks, ICs, Samsung & Samtron
schematics.
(800) 344-3882

B & D Enterprises

ICs
(800) 458-6053
(201) 628-7373

CRC Manufacturer

General parts
(800) 366-1272

Computer Component Source

Flybacks, IC's (IBM) (Compaq)
(800) 356-1227

Comtest

PS/2, Compaq manuals
(201) 398-2665

Consolidated Electronics

Flybacks, ICs, some schematics
(800) 543-3568
(513) 252-5662

Dalbani Corporation

Flybacks, ICs, other
(800) 325-2264

Dalco

Flybacks: Apple, IBM, Goldstar, etc.
(800) 445-5342

Data Serv

Wyse (schematic)
IBM, Compaq (board level)
(800) 752-8557

Datatronics, Inc.

General parts
(713) 367-0562

Delbani

IC chips parts A/V
(800) 325-2264

Diamond Data

IBM used parts
(404) 928-0055

Digi-Key Corporation

ICs, other
(800) 344-4539

Directory of Parts Suppliers (Littleton, MA)

(508) 486-0388
(508) 486-0120 FAX

Egan Tech Services

Schematics
(612) 688-0098
(612) 688-7829 FAX

FOX International Limited

Flybacks, ICs, other
(800) 627-4368

Gates FA

Board level parts
(800) 322-2222

Hawkeye Picture Tube Co.

Rebuilt CRTs
(515) 288-8567

ICM

Flybacks
(800) 748-6232

J & J International

Flybacks, ICs, Samsung & Samtron
schematics.
(800) 627-4368

LEAD Electronics

Flybacks, ICs, other
(315) 699-6099

MAT Electronics

Flybacks, ICs, other
(800) 628-1118

M I Technologies

Schematics
(513) 335-4560
(513) 339-6344 FAX

Merisel Inc

Distributor
(310) 416-9600 (product info FAX)

Appendix C continued - Parts & Schematic Sources

Master Repair

Re-engineer monitors & draw schematics
(801) 568-2710

MCM Electronics

Flybacks, ICs, other
(800) 543-4330

Mouser Electronics

ICs, other
(800) 346-6873

Micro Doc

Apple & Mac
(503) 344-5335

Parts Port

IBM Parts
(800) 253-0515

Prelco Electronics

ICs, other
(908) 851-8600

Russel Industries

Flybacks
(800) 645-2202
(516) 536-5000

SPI Semiconductors

IBM chips
(818) 884-8000

Ultra-Spec Cable

Sun/Mac cables & connectors
(800) 622-2537

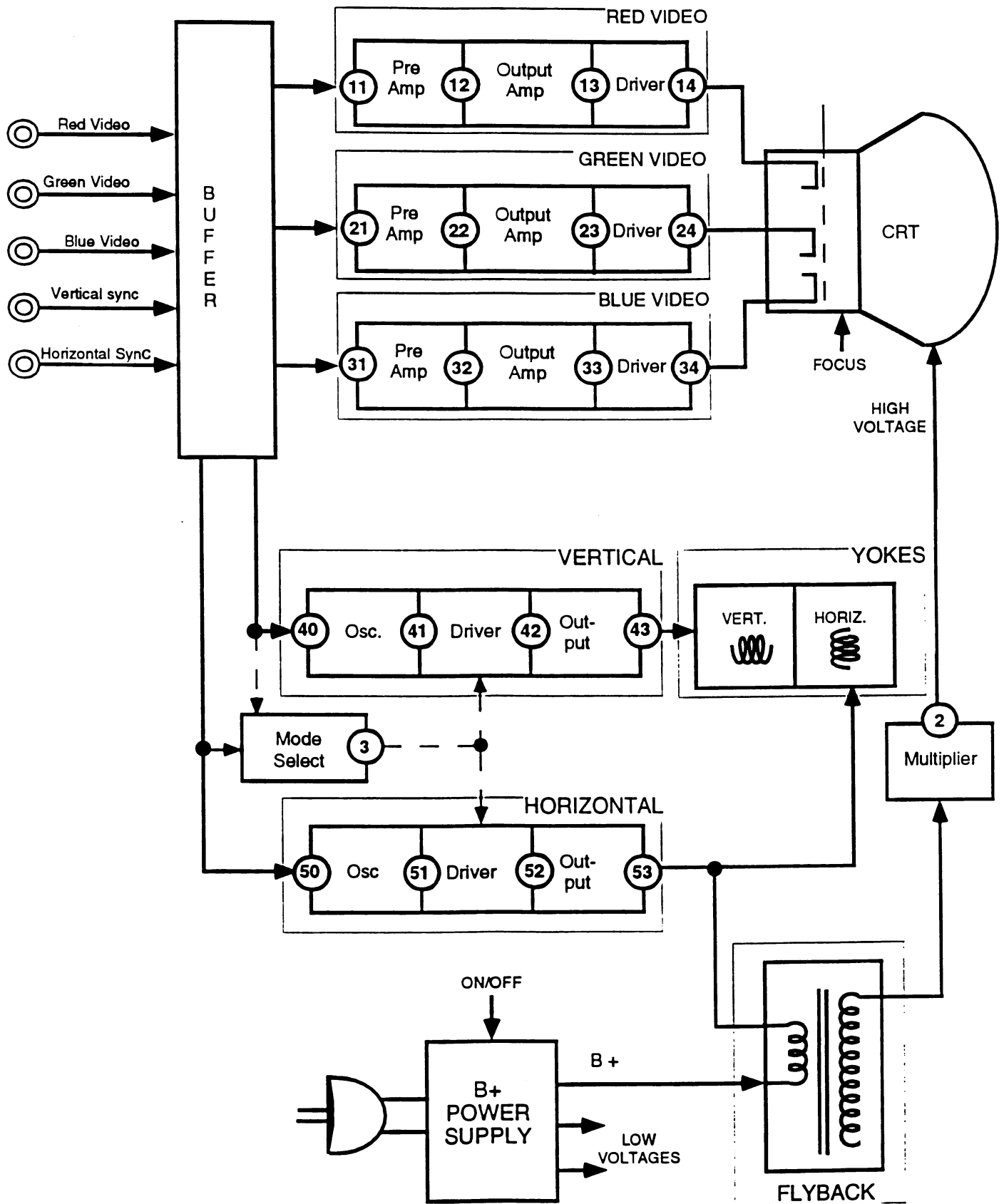
Video Display

CRT's & Flybacks
(800) 241-5005

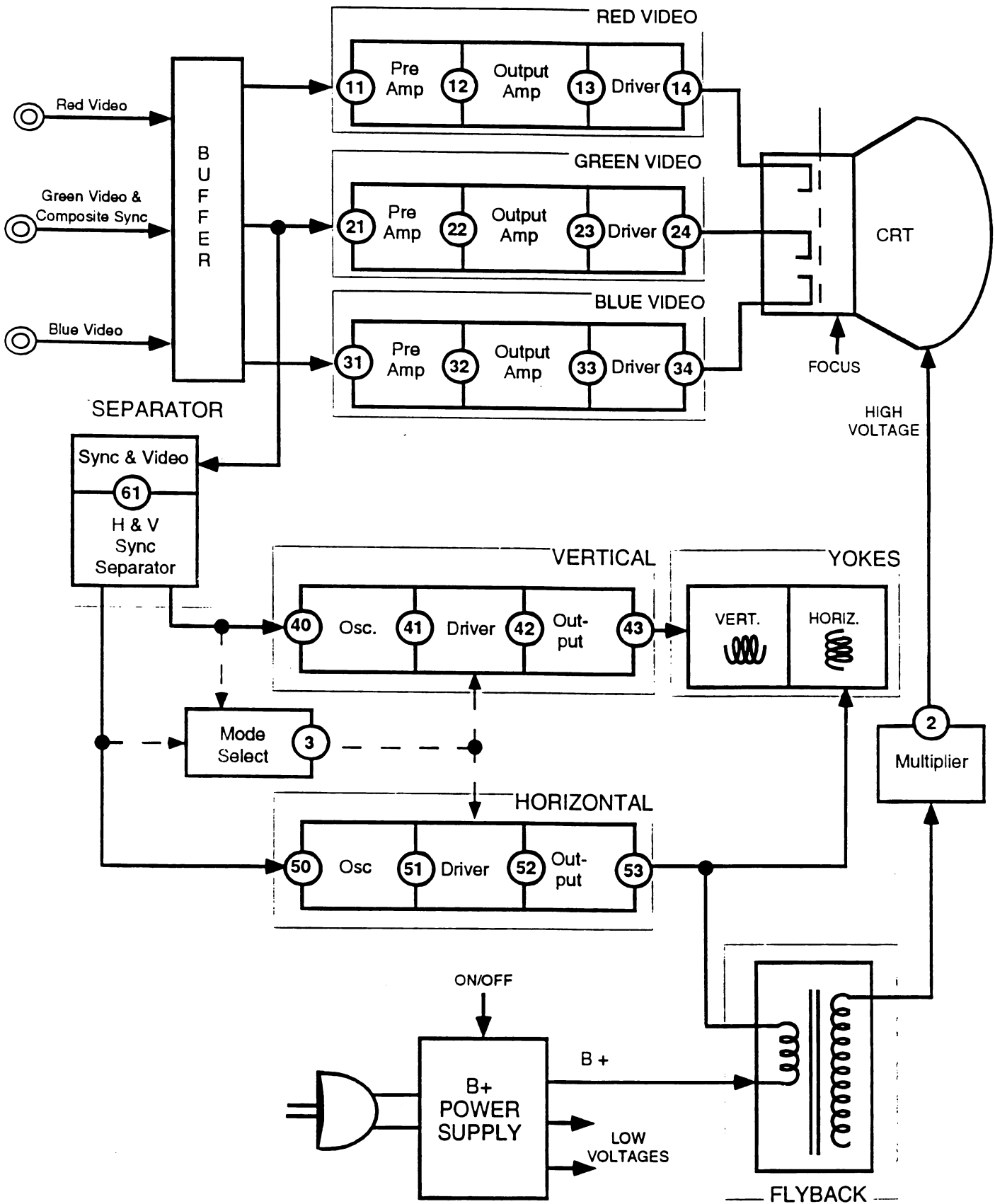
Wyse Guys

(800) 279-7312

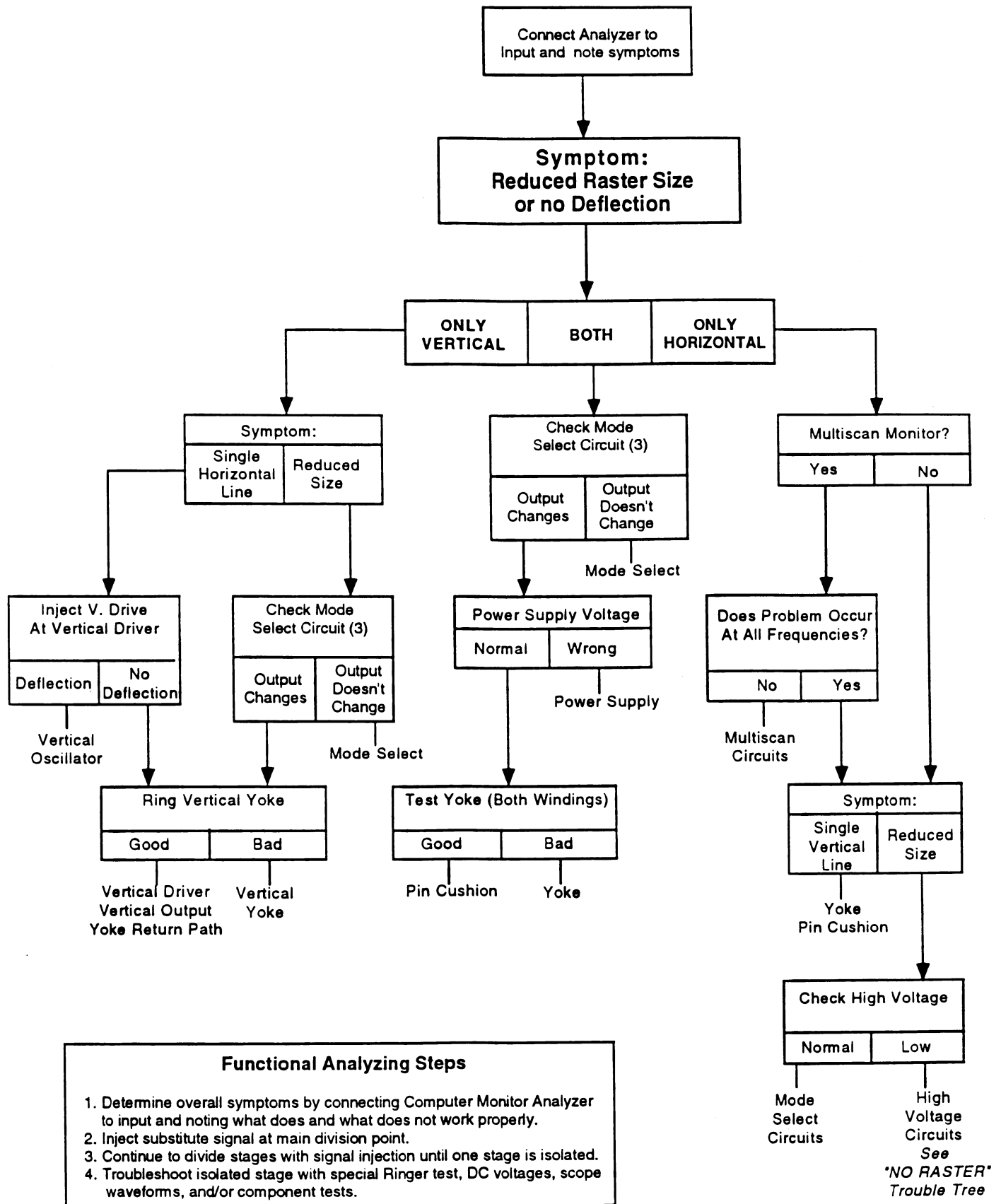
Separate V&H Sync Monitor



Composite Sync on Green Monitor



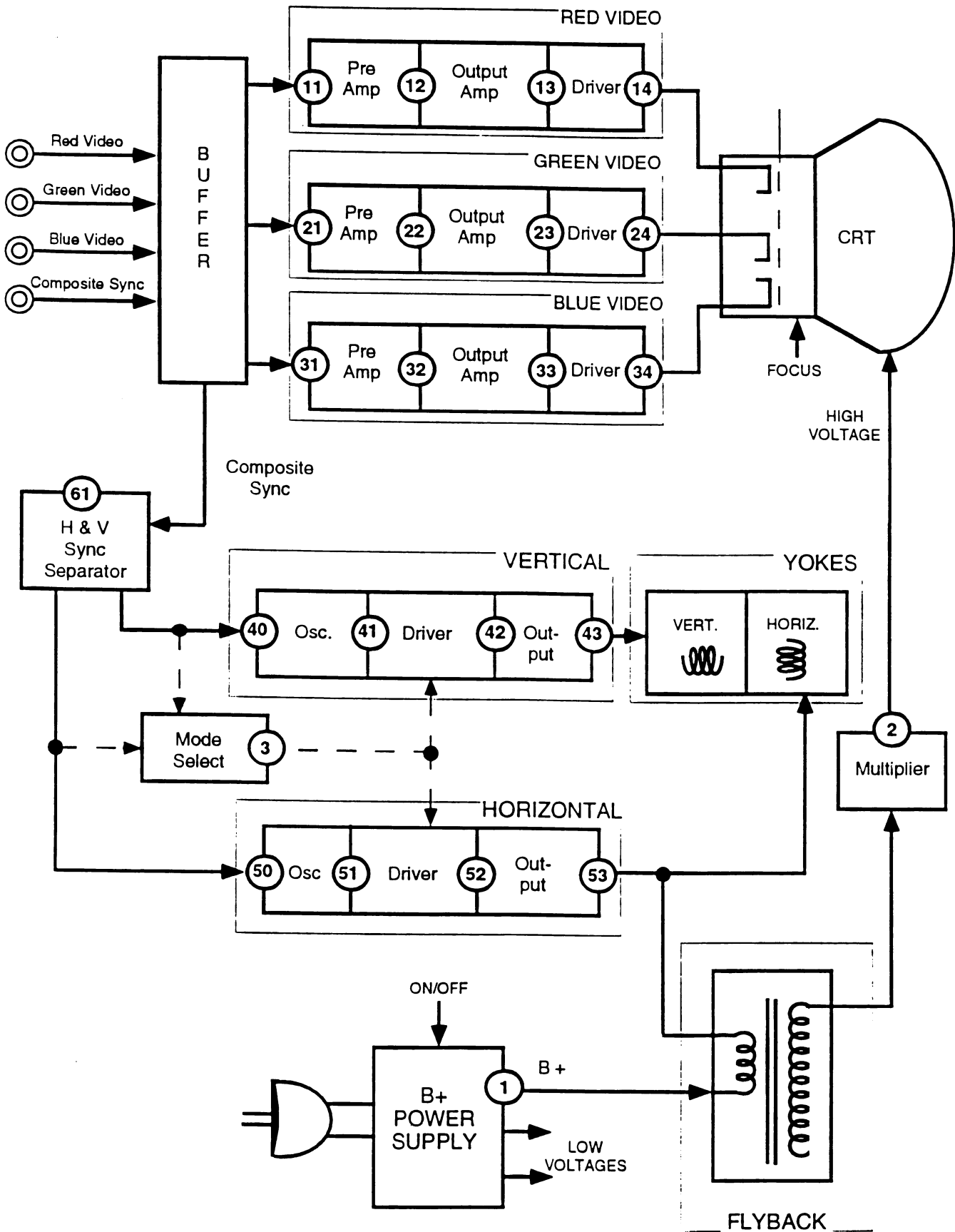
Monitor Analyzing Troubleshooting Guide



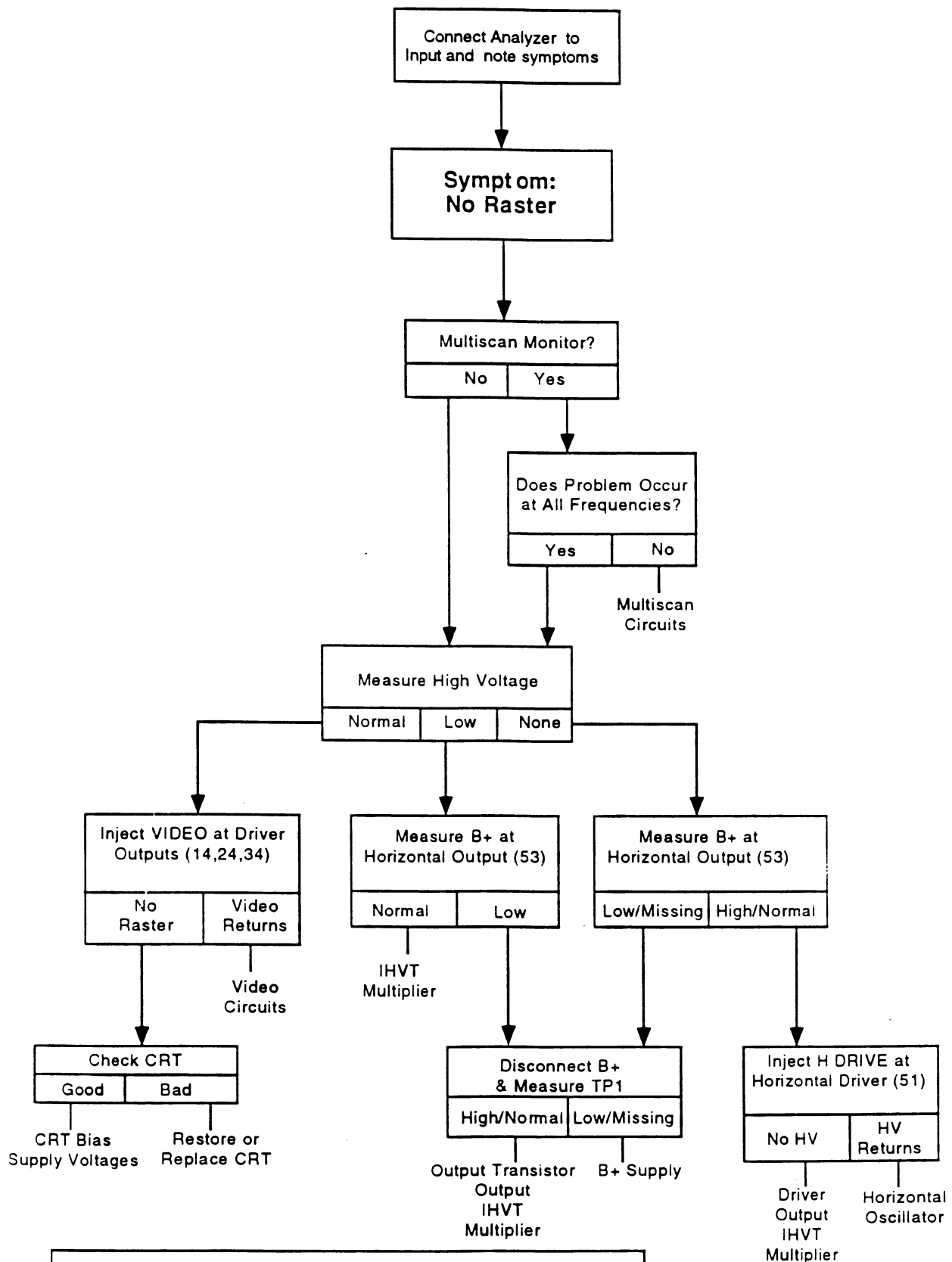
- Functional Analyzing Steps**
1. Determine overall symptoms by connecting Computer Monitor Analyzer to input and noting what does and what does not work properly.
 2. Inject substitute signal at main division point.
 3. Continue to divide stages with signal injection until one stage is isolated.
 4. Troubleshoot isolated stage with special Ringer test, DC voltages, scope waveforms, and/or component tests.

See "NO RASTER" Trouble Tree

Composite Sync Monitor



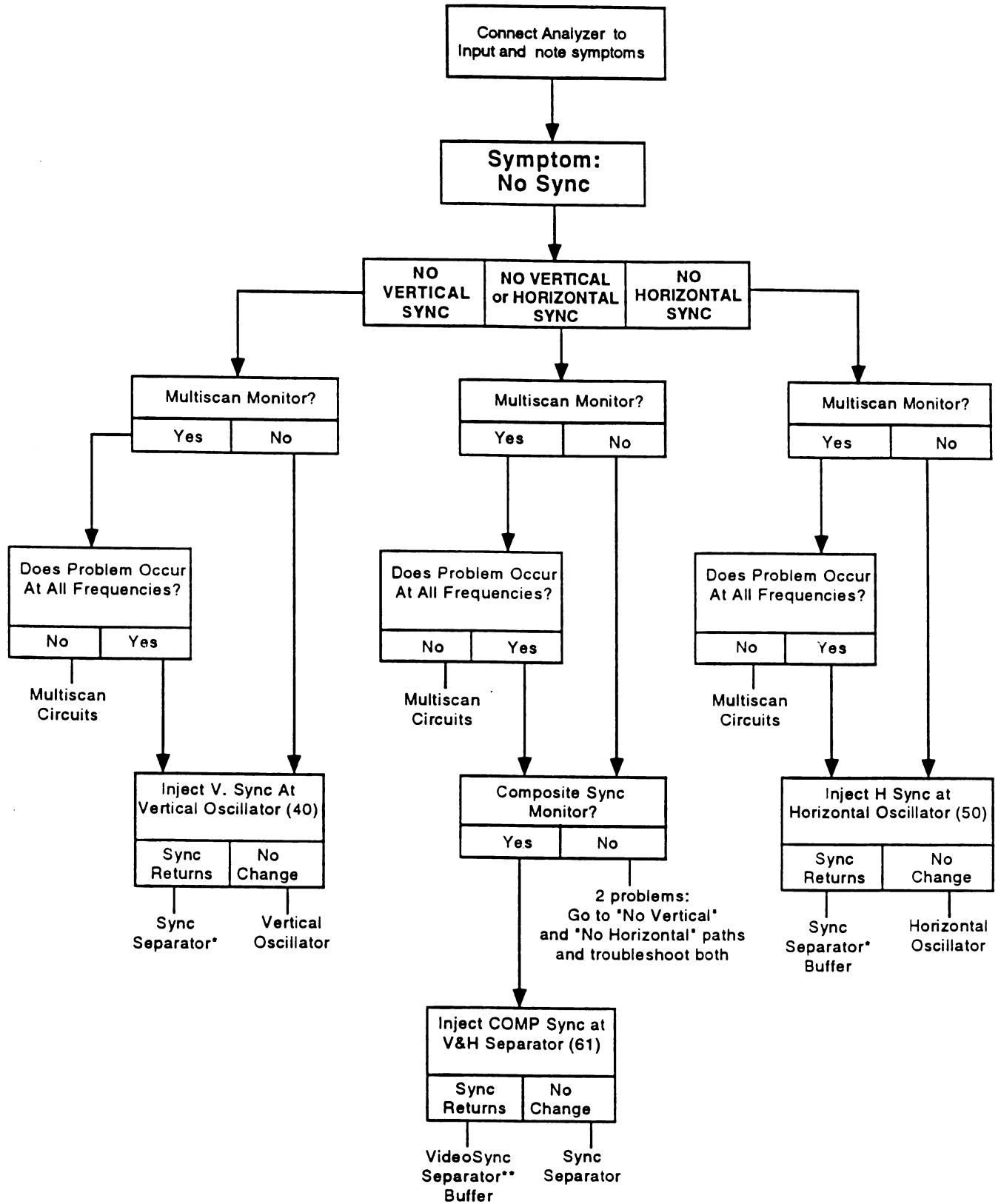
Monitor Analyzing Troubleshooting Guide



Functional Analyzing Steps

1. Determine overall symptoms by connecting Computer Monitor Analyzer to input and noting what does and what does not work properly.
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Monitor Analyzing Troubleshooting Guide



* COMPOSITE SYNC or SYNC ON GREEN type monitors
 ** SYNC ON GREEN type monitors

Functional Analyzing Steps

1. Determine overall symptoms by connecting Computer Monitor Analyzer to input and noting what does and what does not work properly.
2. Inject substitute signal at main division point.
3. Continue to divide stages with signal injection until one stage is isolated.
4. Troubleshoot isolated stage with special Ringer test, DC voltages, scope waveforms, and/or component tests.

