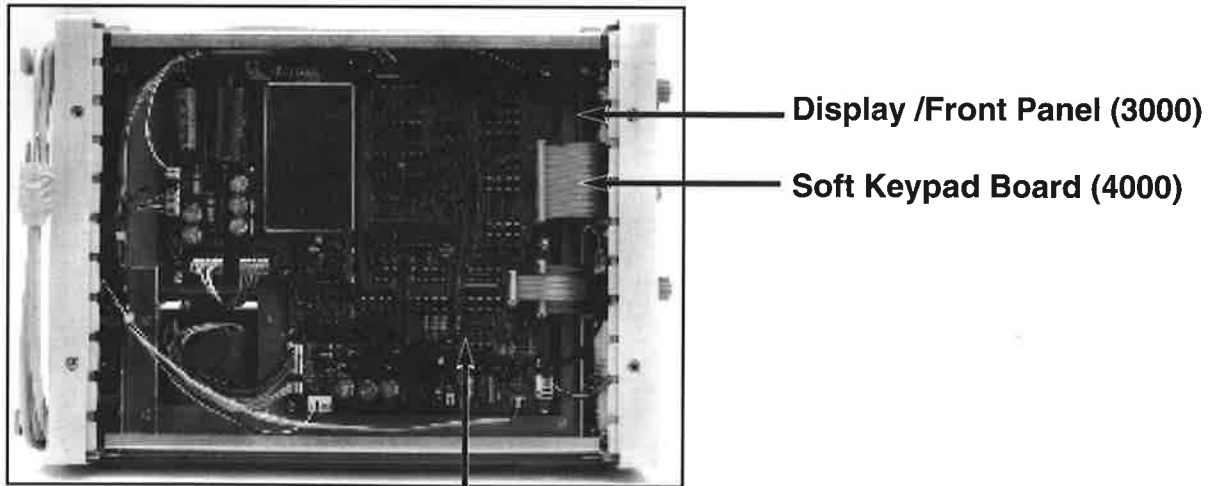
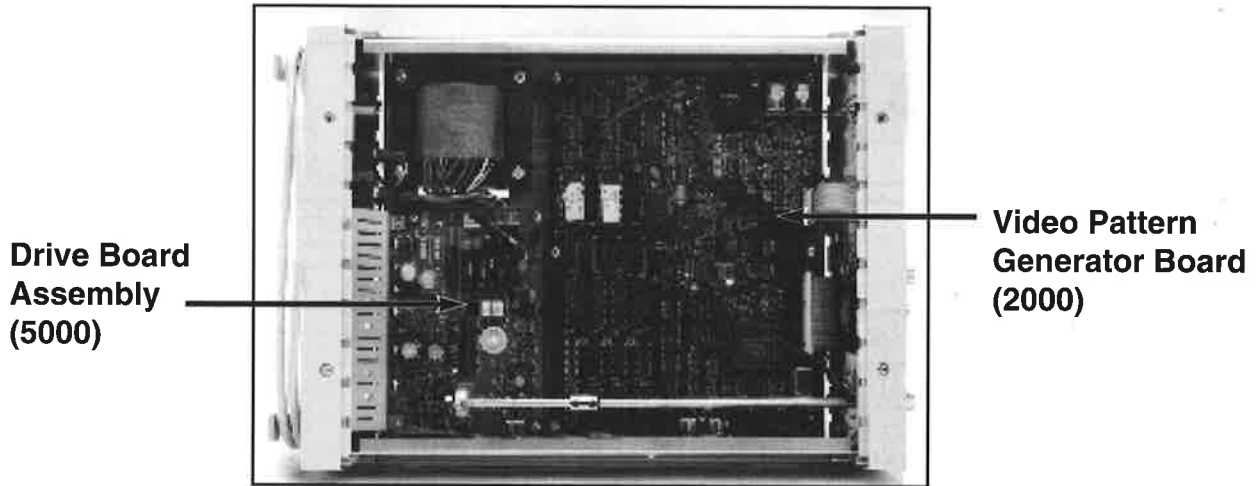


CM2125

Computer Monitor Analyzer

Parts List & Schematic



Control/DVM/Power Supply Board (1000)

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1000 Control/DVM/Power Supply Board	2-8
2000 Video Board.....	9-10, 11, 14-17
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4000 Keyboard Board.....	20-21
5000 Drive Board.....	22-23
6000 EMI Board.....	10
Miscellaneous Parts List.....	10

This booklet contains schematic, board legend, and parts list for each board.

Schematic References

Component

Part Description

1000 Control/DVM/Power Supply Board

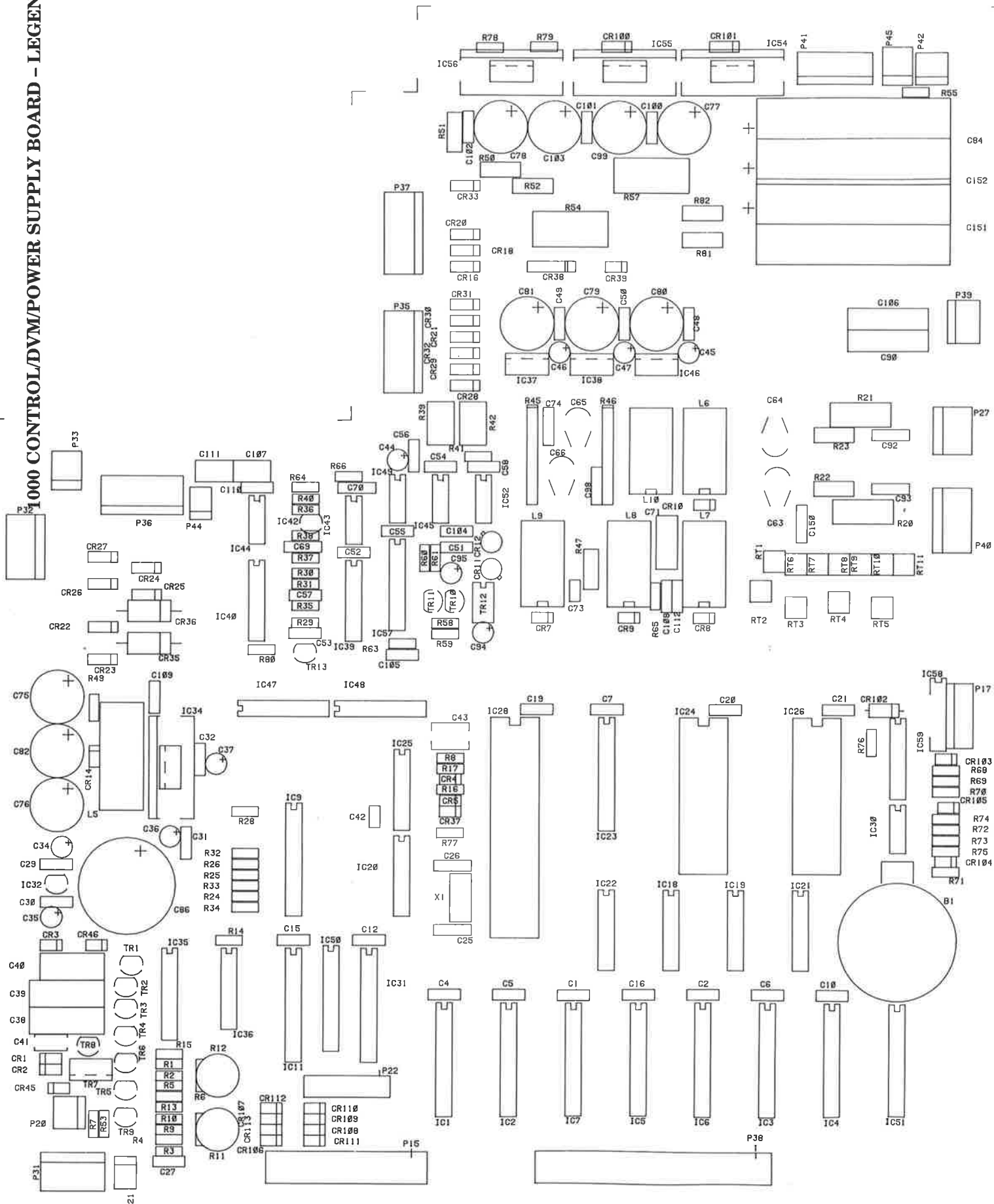
Schematic References	Component	Part Description
B1	17Z13	BATTERY, LITHIUM, 3V
CR36,35 CLIP LEADS	16G14	DIODE, PWR COMP, 100V, 3A, 5401
CR38 CLIP LEADS	50C4-20	DIODE, ZENER, 68V, 5%, 5W, 1N5373
RT1,6,7,8,9,10,11,2,3,4,5 CLIP	33G251	VARISTOR, 390V, +/- 10%
R78	14A38-1823A	RES, MET.F, 1.82K, 1/4W, 1%, 100P
R79	14A38-1212A	RES, MET.F, 121, 1/4W, 1%, 100PPM
R51,50,82,81	14C4-184	RES, CARBON, 180K, 1/2W, 5%
CR33	16G23	DIODE, SILICON, 1.3KV, 1A, 5UA, T
R52	14C4-270	RES, CARBON, 27, 1/2W, 5%
CR100,101,20,18,16,31,30,21,32	16G10	DIODE, SIL, 400V, 1A, 5UA, 1N4004
R54	14C10-103	RES, CARBON, 10K, 2W, 5%
CR39	50C4-8	DIODE, ZENER, 20V, 45MA, 5%, 1N47
R57	14C10-101	RES, CARBON, 100, 2W, 5%
C102,101,100,49,50	24G483	CAP, MYLAR, .01UF, 50V, 5%, 5MM
IC56,55,54	67G50	HEATSINK, TO-220
IC56	69G287	IC, REG, NEG, ADJ, LM337T
IC55	69G135	IC, REG, +12V, 500MA, 78M12
IC54	69G105	IC, REG, +15V, 500MA, 78M15
C78,103,99,77	24G408	CAP, RLYTIC, 330UF, 50V, +/- 20%
IC37	69G70	IC, REG, +5V, 500MA, 78M05CT
C46	24G382	CAP, RLYTIC, 10UF, 16V, 20%
IC38	69G273	IC, REG, 5V, .5A, 79M05
C81,79,80	24G437	CAP, RLYTIC, 470UF, 25V, +100/-20
IC44,43	69G405	IC, OP-AMP, LOW OFFSET, OP177
IC49	69G404	IC, CONV, D/A, 12BIT, MAX543
IC45	69G113	IC, COMP, SINGLE, 8 PIN, LM306
IC52	69G189	IC, OP-AMP, DUAL, BIFET, TL082
CR27,26,24,25,28	16G10	DIODE, SIL, 400V, 1A, 5UA, 1N4004
R64	14A38-2403A	RES, MET.F, 2.4K, 1/4W, 1%, 100PP
R36	14A38-2054A	RES, MET.F, 20.5K, 1/4W, 1%, 100P
R66	14A38-4991A	RES, MET.F, 49.9, 1/4W, 1%, 100PP
R41	14A38-1824A	RES, MET.F, 18.2K, 1/4W, 1%, 100P
R23,22	14C26-1766A	RES, MET.F, 1.76M, 1/2W, .1%, 100
R21,20	14A80-1357A	RES, MET.F, 13.5M, 1W, .1%, 100PP
C110	24G482	CAP, MYLAR, .1UF, 50V, 5%, 5MM
IC42	69G171	IC, REG, +2.5V, 2% REF, LM3368Z
C70	24G151	CAP, DISC, 22PF, 500V, 5%, NPO
C52,55,56,54,104,58,48	24G483	CAP, MYLAR, .01UF, 50V, 5%, 5MM
R39	15A36-1	POT, VPC20T CERM, 1K, .10%
C44,47,45	24G382	CAP, RLYTIC, 10UF, 16V, 20%
R42	15A36-5	POT, VPC, 10K, 20T
R45,46	69G659	DECADE VOLTAGE DIVIDER, 100-10M
C74	24G70	CAP, DISC, 100PF, 500V, 5%, NPO
C98	24G324	CAP, DISC, 12PF, 500V, 5%, NPO
C65,66,64,63	24G474	CAP, TRIM, 5.1-50PF, 250V
IC46	69G135	IC, REG, +12V, 500MA, 78M12
L10,6	41G36	RELAY, DPDT, 12V, DC COIL
C84,151	24G239	CAP, LYTIC, 150UF, 200V, +100/-20
C152 SEPARATE BIN, LONGER LEAD	24G239	CAP, LYTIC, 150UF, 200V, +100/-20
C106,90	24G221	CAP, DISC, .01UF, 3000V, +80/-20%
C92	24G138	CAP, DISC, 6.8PF, 500V, 10%, NPO
C93	24G651	CAP, DISC, 10PF, 3000V, 20%
IC40,39	69G267	IC, NAND, 2-IN, 74HC00
IC57	69G64-B	IC, SW, TRIPLE, 16 PIN, 4053B
IC47,48 BEVELED SIDE TO PIN 1	69G310	IC, OPTOCOUPLER, PS2501
IC25	69G268	IC, NAND, 2-IN, 74HC132
CR22,23	16G10	DIODE, SIL, 400V, 1A, 5UA, 1N4004
CR14,4,7,9,10,8	50C5-2-A	DIODE, SIL, 75V, 100MA, .25UA, 41
R80	14C1-620	RES, CARBON, 62, 1/4W, 5%
R38	14A38-1004A	RES, MET.F, 10K, 1/4W, 1%, 100PPM
R37	14A38-2004A	RES, MET.F, 20K, 1/4W, 1%, 100PPM
R47	14C26-1007A	RES, MET.F, 10M, 1/2W, .1%, 100PP

Schematic References

Component

Part Description

Schematic References	Component	Part Description
C75,82,76	24G37	CAP, RLYTIC, 470UF, 25V, +100/-20
L5	46G92	IND, WIREFORM, 50UH, 1.5A
C109,112	24G482	CAP, MYLAR, .1UF, 50V, 5%, 5MM
IC34	69G70	IC, REG, +5V, 500MA, 78M05CT
C32,57,53,105,51	24G483	CAP, MYLAR, .01UF, 50V, 5%, 5MM
C69	24G208	CAP, DISC, 150PF, 500V, 10%, 25F
TR13,11,10	19A33-1	TRANS, NPN, 40V, 200MA, 2N3904
TR12	19A31-1	TRANS, N-CHNL, 50V, 50MA, 2N3958
C37,95,94	24G382	CAP, RLYTIC, 10UF, 16V, 20%
C42,73	24G368	CAP, DIS, .001UF, 100V, 10%
C43	24G496	CAP, MYLAR, .47UF, 50V, 10%, BULK
CR12,11 USE 3/8" SPAG. ON 2 LE	50G24	DIODE, SIL, 35V, 50MA, 20PA, PAD
IC35	69G6-B	IC, COUNTER, 12-STGE, 16PIN, 4040
C71	24G512	CAP, MET.POLY, .1UF, 250V, 10%, B
IC36	69G244	IC, NOR, 2-IN, 74HC02
C108	24G214	CAP, DISC, .001UF, 500V, 10%, 25F
IC9	69G302	IC, F-FLOP, D, TRI-STATE, 74HC374
L9,8,7	41G36	RELAY, DPDT, 12V DC COIL
C150	24G75	CAP, DISC, 27PF, 500V, 5%, MPO
IC20,18,19,21	69G324	IC, OR, 2-IN, 74HC32
IC28	69G322	IC, MICRO, 80C31
IC23	69G202	IC, F-FLOP, "D", OCTAL, 74HC373
IC22	69G249	IC, OR, 3-3IN, 74HC4075
IC26	69Z615	IC, STATIC RAM, 100NS, CMOS
IC59	69G268	IC, NAND, 2-IN, 74HC132
IC30	69G63	IC, OP-AMP, SINGLE, BIFET, TL081
IC58	69G172	IC, RES, NET, 5X10K, 6PIN, SIP PK
CR3,5,37,103,104	50C5-2-A	DIODE, SIL, 75V, 100MA, .25UA, 41
CR46	50C4-6-A	DIODE, ZENER, 6.2V, 100MA, 5%, 47
CR105	50C4-4	DIODE, ZENER, 2.4V, 100MA, 1N5221
IC32	69G116	IC, REG, -5V, 100MA, 79L05
C29,30,31,19,7,20,21	24G483	CAP, MYLAR, .01UF, 50V, 5%, 5MM
C34,35,36	24G382	CAP, RLYTIC, 10UF, 16V, 20%
C86	24G424	CAP, RLYTIC, 2200UF, 35V, 20%
C40 WITH 3/8" SPAG.	24G345	CAP, POLY, .0022UF, 160V, 10%
C39	24G403	CAP, POLYPROP, .01UF, 400V, 10%
TR1,2,3	19G96	TRANS, N-CHNL, 60V, 2A, MPF960
X1	47G57	CRYSTAL, 12MHZ, MICRO
C26,25	24G75	CAP, DISC, 27PF, 500V, 5%, NPO
IC11,1,2,7,5,6,3,4	69G302	IC, F-FLOP, D, TRI-STATE, 74HC374
IC50	69G238	IC, RES NET, PULLUP, 8 X 100K
IC31,51	69G347	IC, BUFFER, OCTAL, 74HC244
CR1,2,112,107,113,106,110,109,	50C5-2-A	DIODE, SIL, 75V, 100MA, .25UA, 41
CR45	50C4-6-A	DIODE, ZENER, 6.2V, 100MA, 5%, 47
C38	24G404	CAP, POLYPROP, .033UF, 200V, 10%
C41 WITH 3/8" SPAG.	24G262	CAP, POLY, 150PF, 125V, 5%
TR8	19A34-1	TRANS, PNP, 40V, 200MA, 2N3906
TR7	19A30-1	TRANS, PNP, 40V, 3A, MJE170
TR4,6,5	19A33-1	TRANS, NPN, 40V, 200MA, 2N3904
TR9	19G50	TRANS, N-CHNL, 25V, 10MA, J211
C27,15,12,4,5,1,16,2,6,10	24G483	CAP, MYLAR, .01UF, 50V, 5%, 5MM
R12	15C26-20	POT, MVPC CERM, 5K, 1/2W, 20%
R11	15C26-19	POT, MVPC CERM, 50K, 1/2W, 20%
FOR B1	17Z14	HOLDER, BATTERY COIN
CR102	50C5-2-a	DIODE, SIL, 75V, 100 mA, .25 μ A, 4148



Schematic References
2000 Video Board

- IC49,50
- IC102,68,69,71,70
- R215
- R3,5,51,75
- R4,6-9,12-14,48-50,68,136-139
- 176-179,180-182,185,210
- R24,29,133
- R32
- R33
- R144,183,184,192-199
- R10,70
- R37,38,39
- R34,35,36,201
- R1
- R80-95,165,167,168,206-209
- R69
- R220
- R15
- R73
- R40,41,112-127,140,141,143,14
- 147-164,166,200,202-205,212,213
- R71
- R57
- R16,17,67
- R28
- R186,216
- R27
- R2,96-111,128,130-132,187-190
- R74
- R26
- R45-47,72,76-79
- R25
- R19
- CR18,27-40
- TR4,7
- TR5,6,9,10
- TR8
- C1-8,11-18,23-26,38-52,80-83
- 89,92,93,96-99,100,101,102-111
- C9,10,58,62,65,85,87,88,90,91
- C113-123
- C21,55,56,57
- C20,27,84,86
- C22
- CR4,5,6,7,10
- IC39
- IC43,105
- IC20,27
- IC13
- IC19
- IC40
- IC1,2,10,16-18,74,86,87
- IC14,28,83,95
- IC5
- IC37,98
- IC15,21,66,84
- IC97
- IC38
- IC29
- IC96,106
- IC32,33,34,35,101
- IC48,77,79,100
- IC11,12,25

Component

- 69G518
- 69G330
- 14G102-1001A
- 14G102-1002A
- 14G102-1003A
- 14G102-1004A
- 14G102-1006A
- 14G102-1007E
- 14G102-1102A
- 14G102-1212A
- 14G102-1213A
- 14G102-1502A
- 14G102-1503A
- 14G102-1822A
- 14G102-1823A
- 14G102-2002A
- 14G102-2003A
- 14G102-2432A
- 14G102-3012A
- 14G102-3013A
- 14G102-4321A
- 14G102-5112A
- 14G102-5113A
- 14G102-6811A
- 14G102-6813A
- 14G102-8252A
- 15G50-101
- 15G50-103
- 15G50-152
- 15G50-681
- 15G50-682
- 16G35
- 19G92
- 19G95
- 19G102
- 24G465
- 24G575
- 24G594
- 24G606
- 24G612
- 24G616
- 50G36
- 69G428
- 69G431
- 69G435
- 69G438
- 69G439
- 69G440
- 69G441
- 69G443
- 69G453
- 69G454
- 69G455
- 69G456
- 69G458
- 69G465
- 69G498
- 69G512
- 69G513
- 69G515

Part Description

- IC, EPROM, 32KX8, 150NS,
- IC, BUFFER, PWR AMP, EL2003
- RES, CHIP, 10, 1/8W, 1%, 100PPM
- RES, CHIP, 100, 1/8W, 1%, 100PPM
- RES, CHIP, 1K, 1/8W, 1%, 10PPM
- RES, CHIP, 10K, 1/8W, 1%, 100PPM
- RES, CHIP, 1M, 1/8W, 1%, 100PPM
- RES, CHIP, 10M, 1/8W, 1%, 500PPM
- RES, CHIP, 110, 1/8W, 1%, 100PPM
- RES, CHIP, 121, 1/8W, 1%, 100PPM
- RES, CHIP, 1.21K, 1/8W, 1%, 100P
- RES, CHIP, 150, 1/8W, 1%, 100PPM
- RES, CHIP, 1.5K, 1/8W, 1%, 100PP
- RES, CHIP, 182, 1/8W, 1%, 100PPM
- RES, CHIP, 1.82K, 1/8W, 1%, 100P
- RES, CHIP, 200, 1/8W, 1%, 100PPM
- RES, CHIP, 2K, 1/8W, 1%, 100PPM
- RES, CHIP, 243, 1/8W, 1%, 100PPM
- RES, CHIP, 301, 1/8W, 1%, 100PPM
- RES, CHIP, 3.01K, 1/8W, 1%, 100P
- RES, CHIP, 43.2, 1/8W, 1%, 100PP
- RES, CHIP, 511, 1/8W, 1%, 100PPM
- RES, CHIP, 5.11K, 1/8W, 1%, 100P
- RES, CHIP, 68.1, 1/8W, 1%, 100PP
- RES, CHIP, 6.81K, 1/8W, 1%, 100P
- RES, CHIP, 825, 1/8W, 1%, 100PPM
- SMT, POT, VPC CERM, 100, .2W, 30
- SMT POT, VPC CERM, 10K, .2W, 30%
- SMT POT, VPC CERM, 1.5K, .2W, 30
- SMT POT, VPC CERM, 6.8K, .2W, 30
- SMT POT, VPC CERM, 68K, .2W, 30
- DIODE, SMT, SIL, 400V, 1A, 4004
- SMT TRANSISTOR, NPN, 3904, SOT23
- SMT TRANS, PNP, 40V, 200MA, 3906
- SMT TRANS, PNP, 15V, 25MA, BFT92
- CAP, CHIP, .01UF, 50V, 10%, X7R
- CAP, CHIP, .1UF, 50V, 10%, X7R
- CAP, CHIP, 1500PF, 50V, 10%, X7R
- CAP, CHIP, .001UF, 50V, 10%, X7R
- CAP, CHIP, 100PF, 50V, 5%, NPO
- CAP, CHIP, 22PF, 50V, 5%, NPO
- SMT DIODE, SIL 75V, 100MA, 4148
- SMTIC, CONV, 8BIT, DAC-08E
- SMTIC, MUX, 16PIN, 4052
- SMTIC, NOR, 2-IN, 74HC02
- SMTIC, NAND, 2-IN, 74HC00
- SMTIC, NAND, 2-IN, 74HC132
- SMTIC, COUNTER, BINARY, 74HC393
- SMTIC, F-FLOP, TRI-S, D, 74HC374
- SMTIC, OR, 2-IN, 74HC32
- SMTIC, OP-AMP, QUAD, TL084
- SMTIC, F-FLOP, D, DUAL, 74AC74
- SMTIC, AND, 2-IN, 74HC08
- SMTIC, SW, ANA, 74HC4316
- SMTIC, OP-AMP, HI-SPEED, 6361
- SMTIC, INV, HI-SP, 74HC04
- SMTIC, NOR, 2-IN, ECL, 10H102
- SMTIC, COUNTER, 4BIT, 74ACT161
- SMTIC, MUX, 10F8, 74ACT151
- SMTIC, AND, 2-IN, 74HC08

Schematic References

- IC6,7
- IC8,9
- IC47
- IC67
- IC76
- IC85
- IC3,24,26
- IC23,73,22
- IC59,60,61,62
- IC63
- IC72
- IC64,65
- IC44
- IC103
- IC108
- IC107
- IC36,45
- IC75
- IC109,110,111
- IC54,53,52,51
- C68
- IC104
- IC99
- L4
- IC78,46
- C124,66,64,53,37,59,61,60
- TR1,2,3,4,7,5,6
- R219,217,218
- CR20,19,22,21,24,23,25,26,43,46,41,42
- X1 SQUARE CORNER CLOSE TO C15
- X2
- C69
- IC41
- IC42

Component

- 69G516
- 69G517
- 69G519
- 69G537
- 69G539
- 69G553
- 69G613
- 69G756
- 69G826
- 69G837
- 69G838
- 69G839
- 69G840
- 69G886
- 69G916
- 69G917
- 69G920
- 69G542
- 69G330
- 69G525
- 24G407
- 69G70
- 69G116
- 41G37
- 69G29
- 34G382
- 33G361
- 14C4-330
- 50C4-22
- 69G527
- 47G57
- 24G496
- 69G260
- 69G511

Part Description

- SMTIC, LATCH, OCTAL, 74HCT373
- SMTIC, TRNSCVR, OCTAL, 74HCT245
- SMTIC, PROCESSOR, GRAPHICS, 3401
- SMTIC, MUX, 2-IN, 74ACT157
- SMTIC, AND DRIVER, 2-IN, 74AS100
- SMTIC, NAND, 2-IN, 74ACT00
- SMTIC, AND GATE, 2 INPUT, 74ACT0
- SMTIC, QUAD, 2 IN, EX.OR, 74ACT8
- SMTIC, VRAM, 256KX4, 42C4256
- SMTIC, HEX COUNTER, 10H136, PLCC
- SMTIC, QUAD 2INPUT AND, MC10H104
- SMTIC, 8BIT SHIFT REG, 100341
- SMTIC, PROG FREQ GEN, AV9110
- SMTIC, QUAD, LOWPWR, AMP, EL2444
- SMTIC, DUAL D F-FLOP, MC10H131
- SMTIC, EXCL OR/NOR, MC10H107
- SMTIC, 4BIT SYNC CNTR, 74FCT163
- IC, COLOR PALETTE, ADV476
- IC, BUFFER, PWR AMP, EL2003
- IC, DRAM, 64K X 4, 4067C-10
- CAP, RLYTIC, 47UF, 25V, +/- 20%
- IC, REG, +5V, 500MA, 78M05CT
- IC, REG, -5V, 100MA, 78L05
- RELAY, 4PDT, 12V
- IC, REGC +5V, 100MA, 78L05
- CAP, RLYTIC, 10UF, 16V, 20%
- PTC, 250V, 3A
- RES,CARBON, 33, 1/2W, 5%
- DIODE, ZENER, 6.2V, 765MA, 10%
- IC, OSC, CLOCK, TTL, 40 MHZ
- CRYSTAL, 12 MHZ, MICRO
- CAP, MYLAR, .47UF, 50V, 10%, BULK
- IC, REG, +12V, 1A, TO-220, 7812
- IC, REG, -12V, 1A, 7912

6000 EMI Filter Board
(6000 Board See Block Diagram)

Schematic References

- R1,2
- L1,2
- C1,2

Component

- 14C4-266
- 46G92
- 25G686

Part Description

- RES, CARBON, 22M, 1/2W, 5%
- INC, WIREFORM, 50μH, 1.5A
- AP, DISC, 2200pF, 125VAC, 20%, CSA

Miscellaneous Chassis Parts

Schematic References

- NONE
- NONE
- NONE
- NONE
- NONE

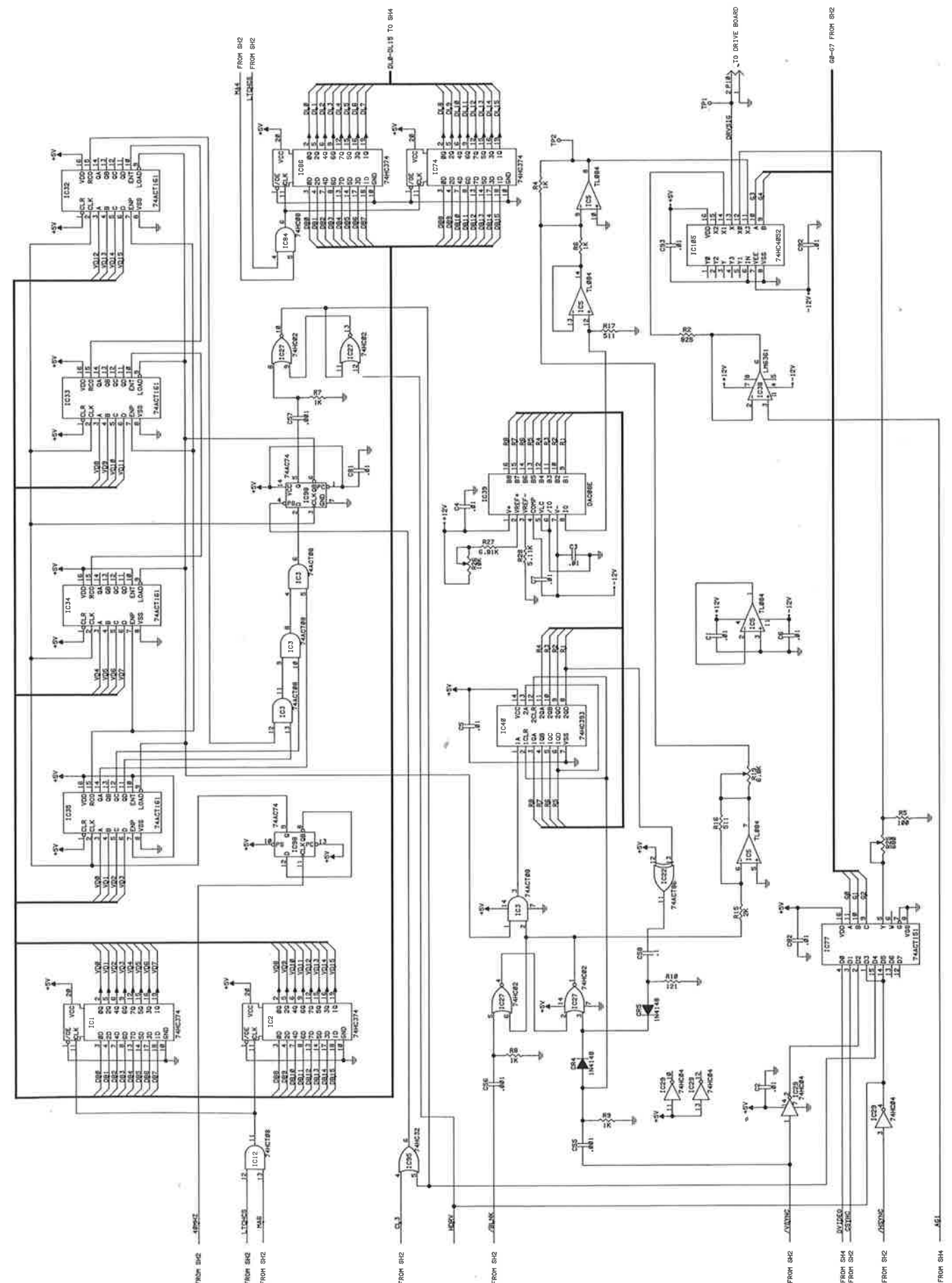
Component

- 128A151
- 68G277
- 126G18
- 64G1433
- 44G20
- 44G18

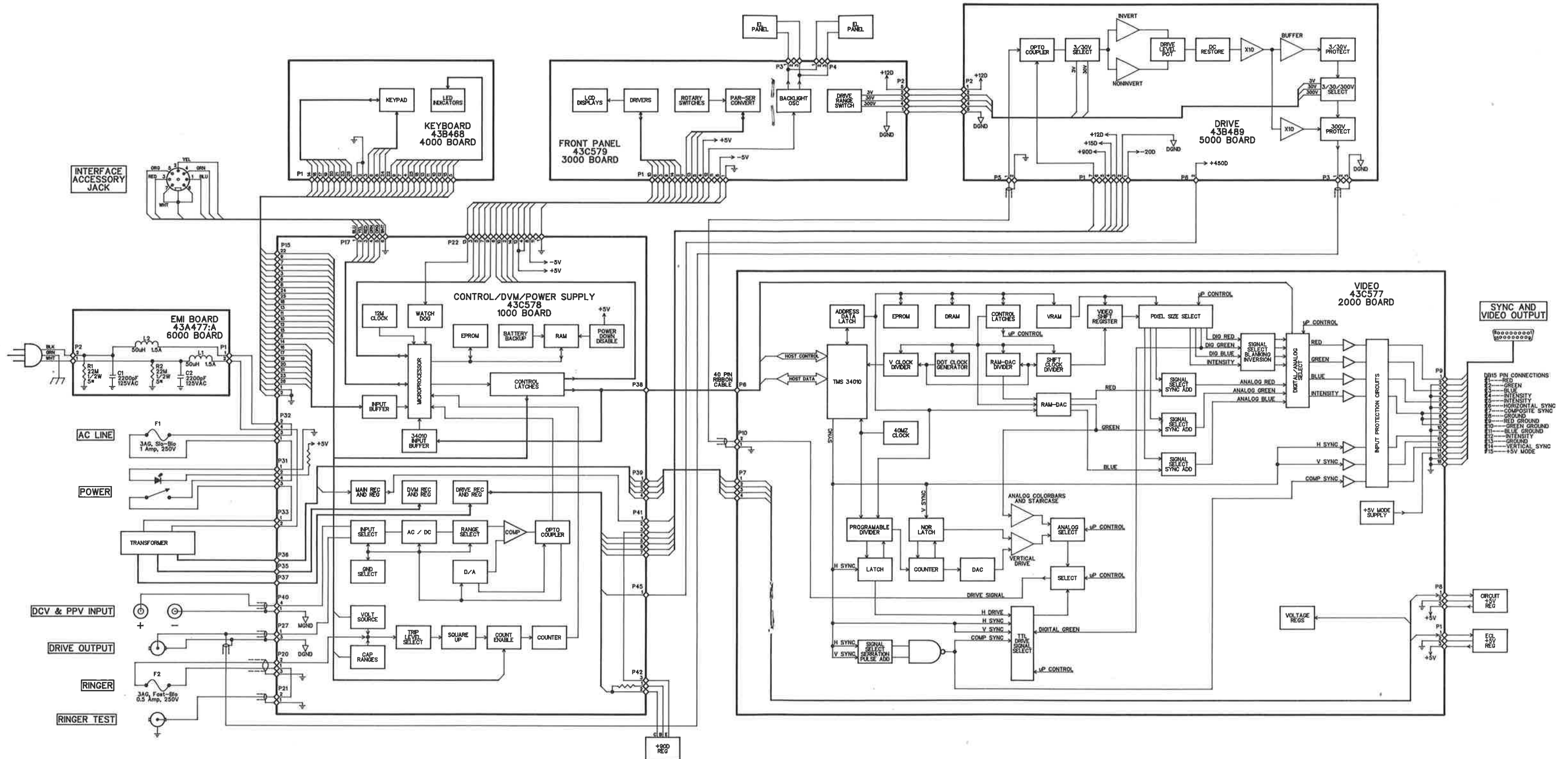
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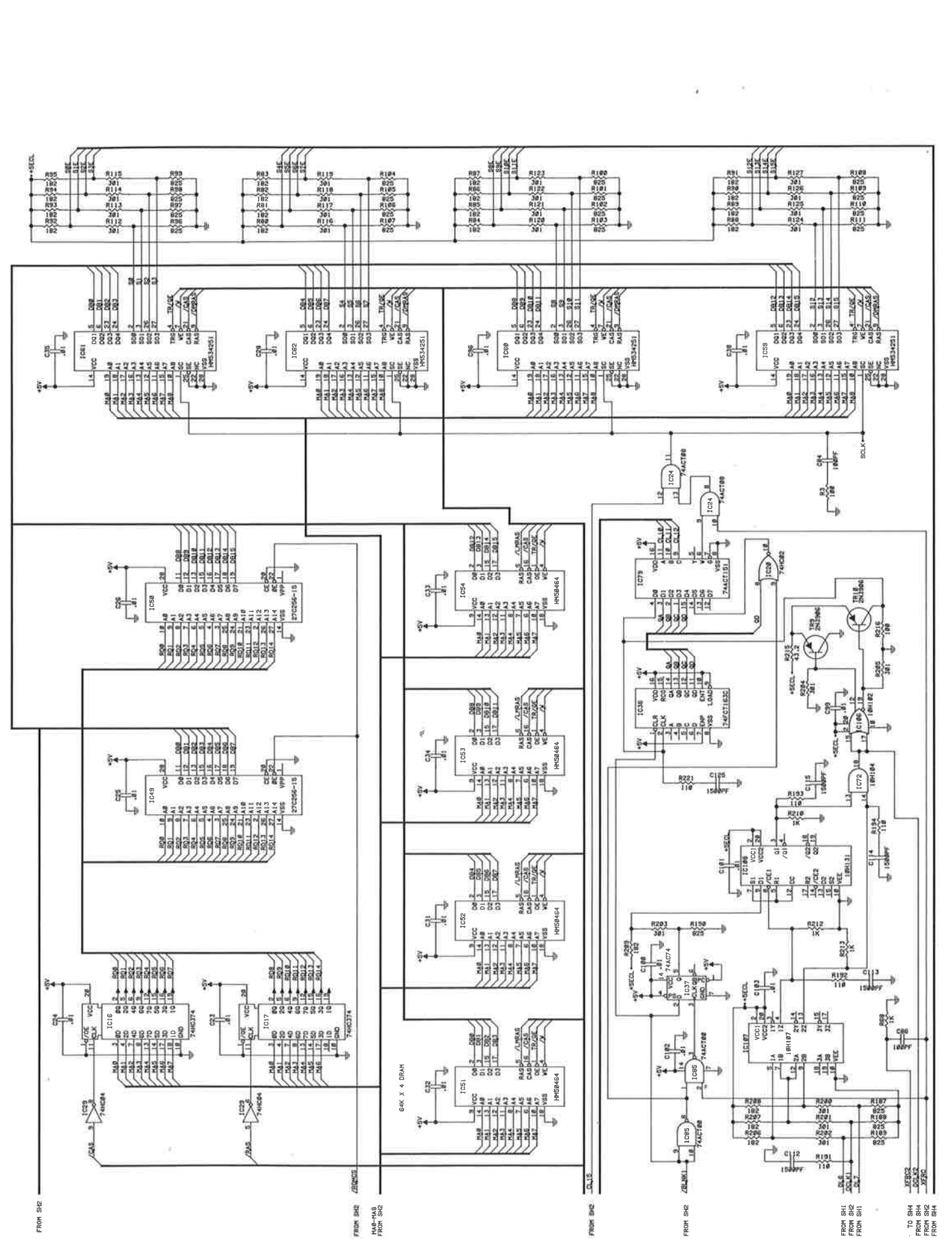
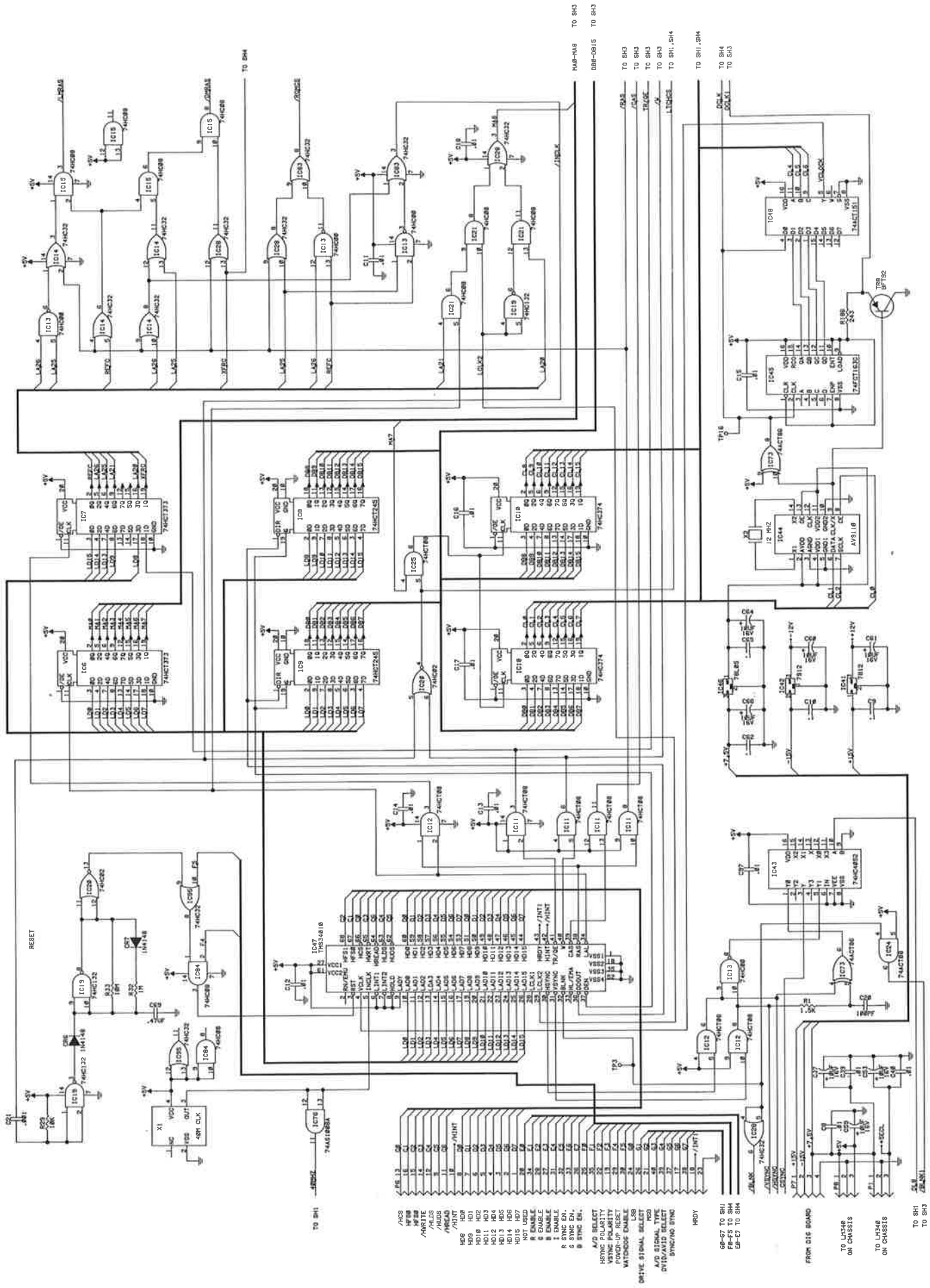
- TRANSFORMER ASSEMBLY
- IC, REG, +5V, 1A, 7805CT
- DIN JACK ASSEMBLY
- FUSEHOLDER, SQ, SNAP-IN, GRAY
- FUSE, FASTBLOW 3AG, 1AMP, 250V
- FUSE, FASTBLOW 3AG. 1/2A, 250V

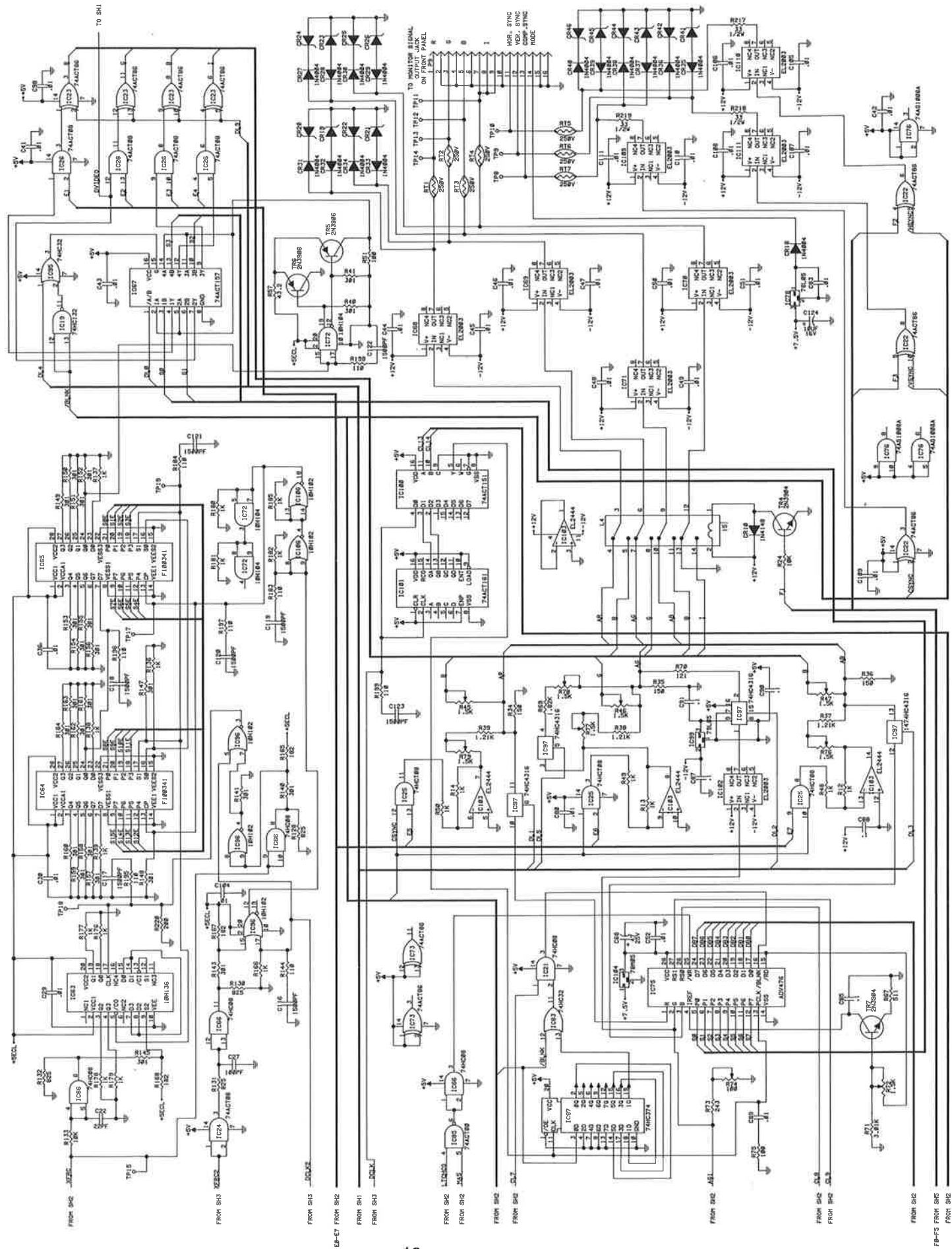
2000 VIDEO BOARD - SHEET 1



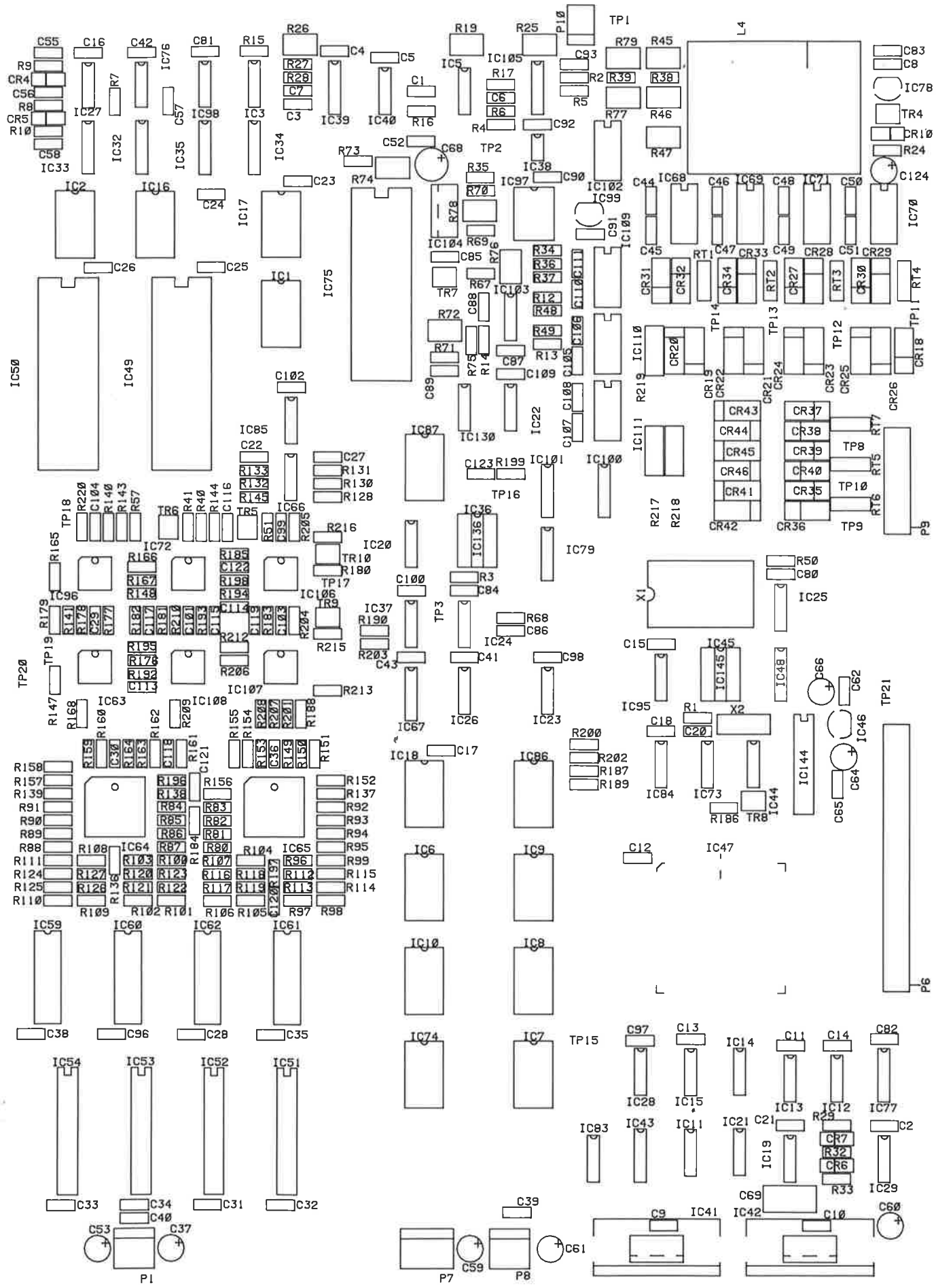
Computer Monitor Analyzer CM2125 Block Diagram

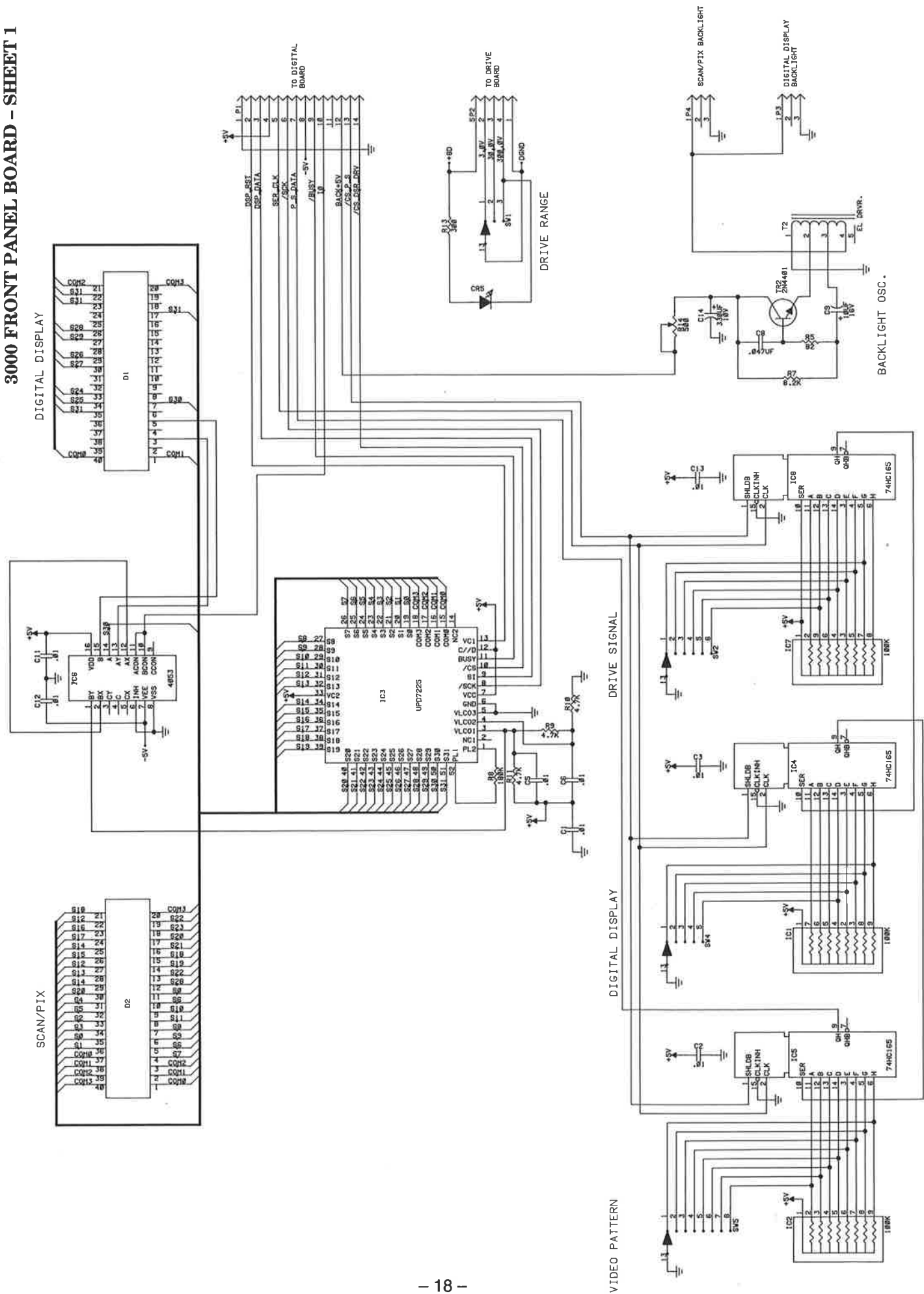






2000 VIDEO BOARD LEGEND





Schematic References
3000 Front Panel Board

- D1
- SW1,2,4,5
- IC3
- D2
- IC6
- IC5,4,8
- C5,1,6,2,11,12,13,3
- IC2,7,1
- TR2
- C8
- C9
- T2
- C14
- R14
- CR5

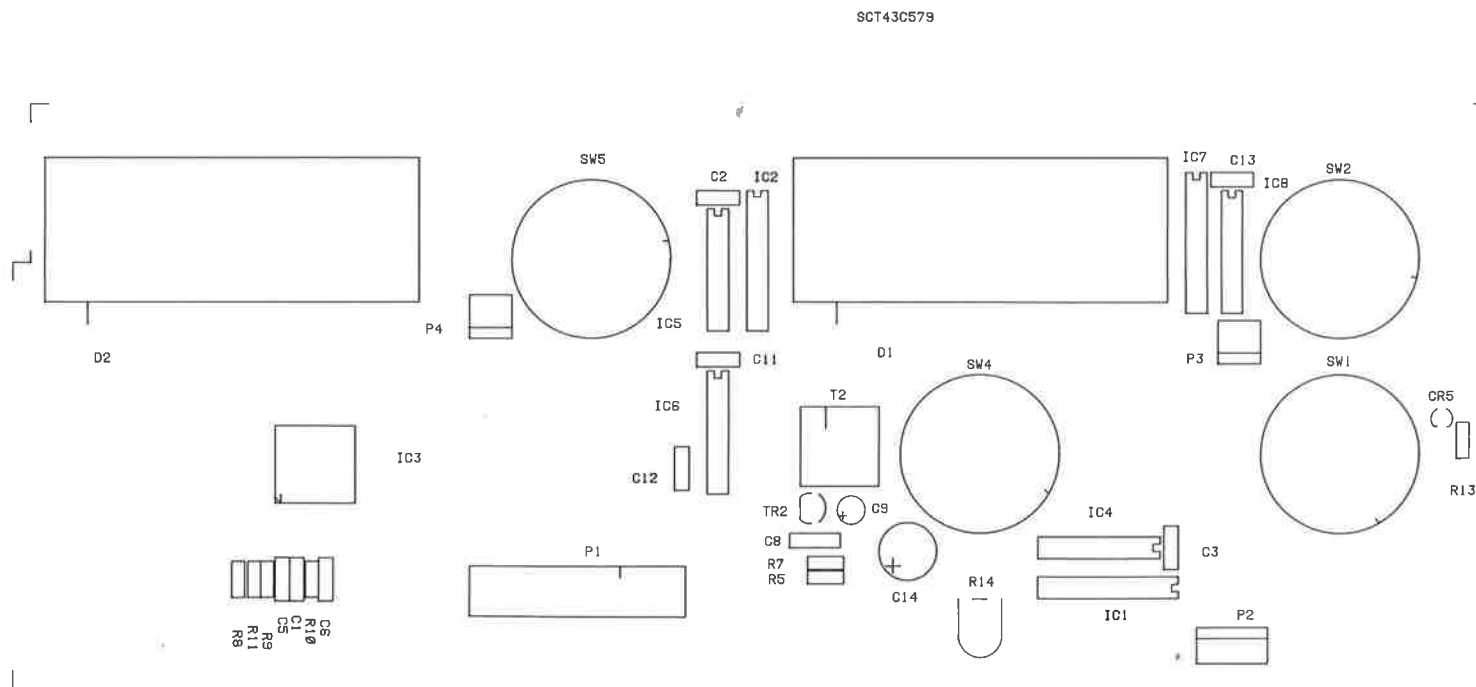
Component

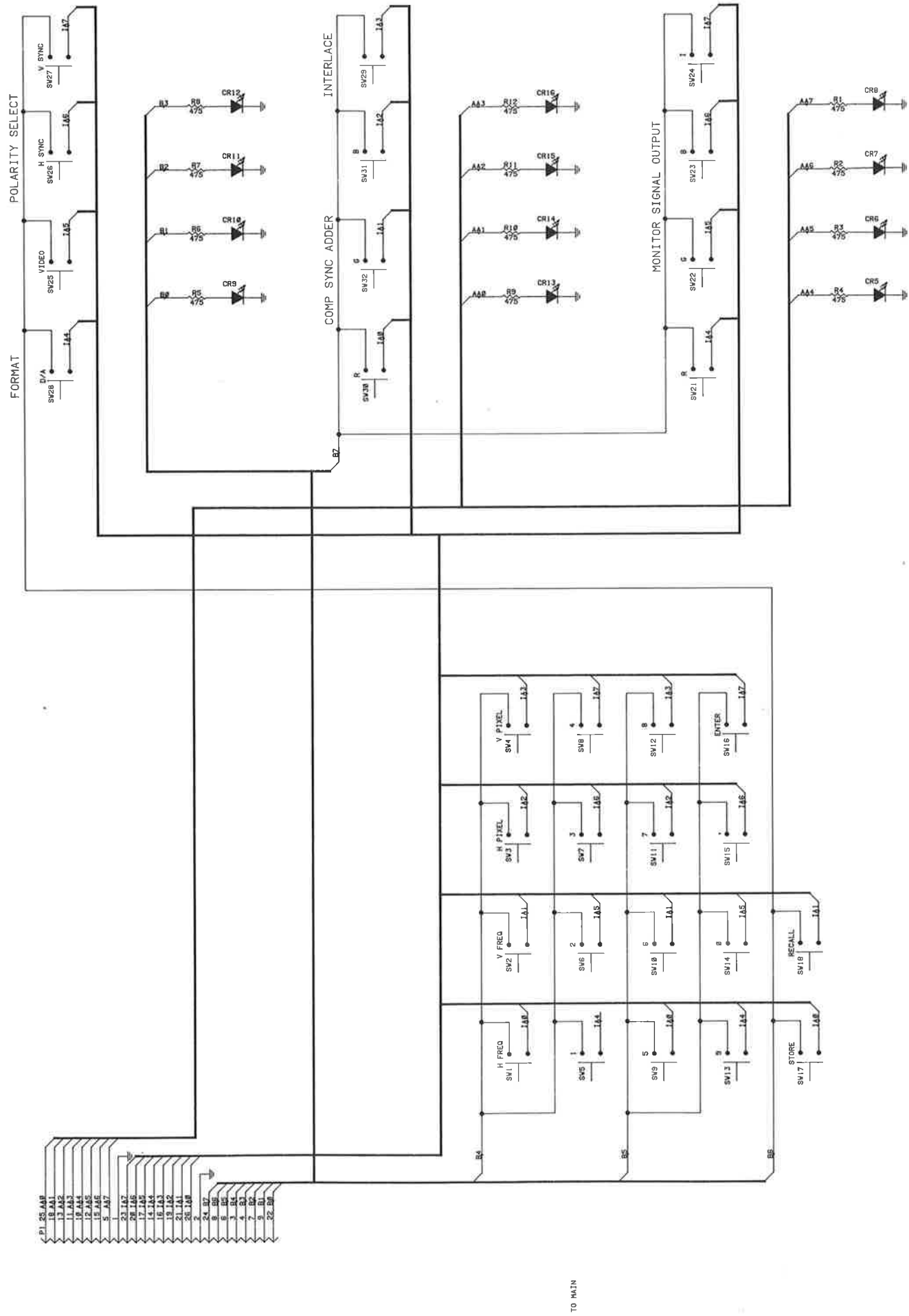
- 23A98
- 25G358
- 69G196
- 23A108
- 69G64-B
- 69G407
- 24G483
- 69G238
- 19A44
- 24G485
- 24G382
- 28G126
- 24G248
- 15A42-7
- 20G20

Part Description

- LCD, DIGITAL, CM2125
- SWITCH, ROTARY, 1 POLE, 12 POS.
- SMTIC, DRIVER IC, 52 PIN, UPD722
- LCD, SCAN/PIX, CM2125
- IC, SW, TRIPLE, 16PIN, 40538
- IC, SH REG, PAR/SER, 74HC165
- CAP, MYLAR, .01UF, 50V, 5%, 5MM
- IC, RES NET, PULLUP, 8 X 100K
- TRANS, NPN, 40V, 600MA, 2N4401
- CAP, MYLAR, .047UF, 50V, 10%, BU
- CAP, RLYTIC, 10UF, 16V, 20%
- TRANSFORMER, EL BACKLIGHT
- CAP, RLYTIC, 330UF, 10V, 20%
- POT, MVPC, 500, 20%, TOP-BOT ADJ
- LAMP, LED, 5V, 20MA, FLASHING

3000 Front Panel Legend





Schematic References

4000 Keyboard Board

R1,2,3,4,5,6,7,8,9,10,11,12,
CR5,6,7,8,9,10,11,12,13,14,15

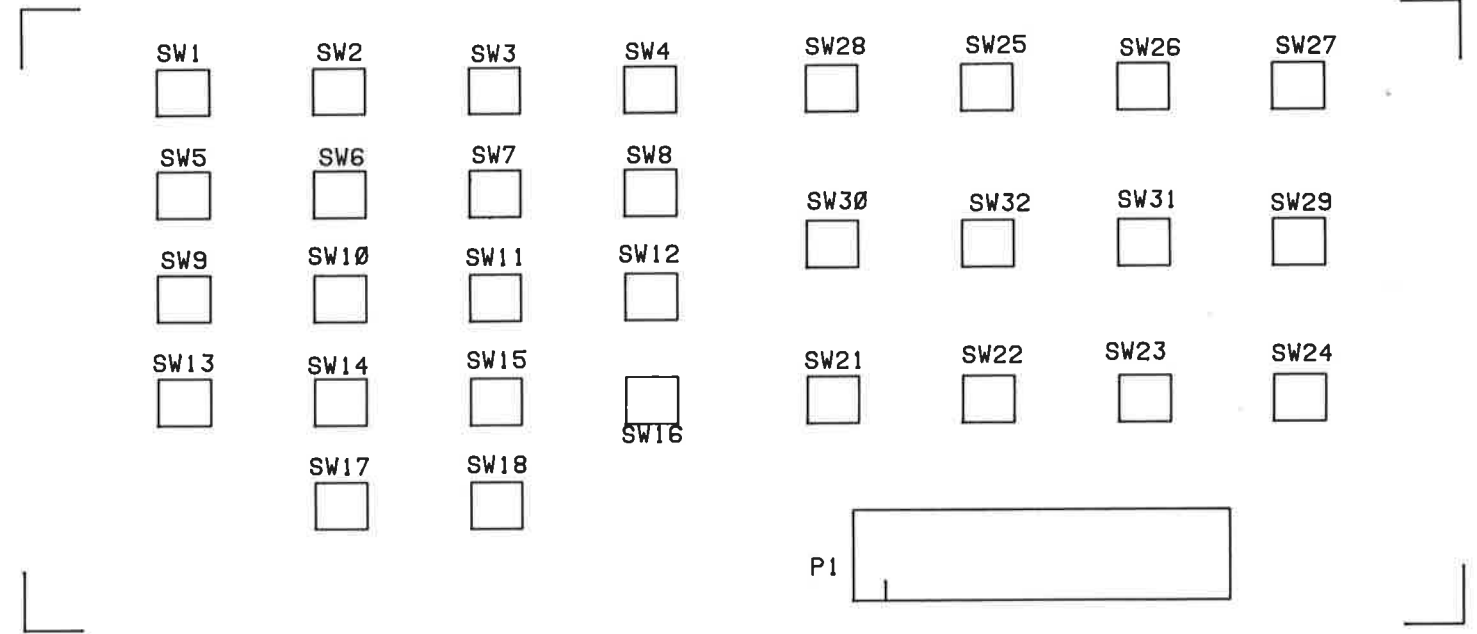
Component

14G102-4752A
20G55

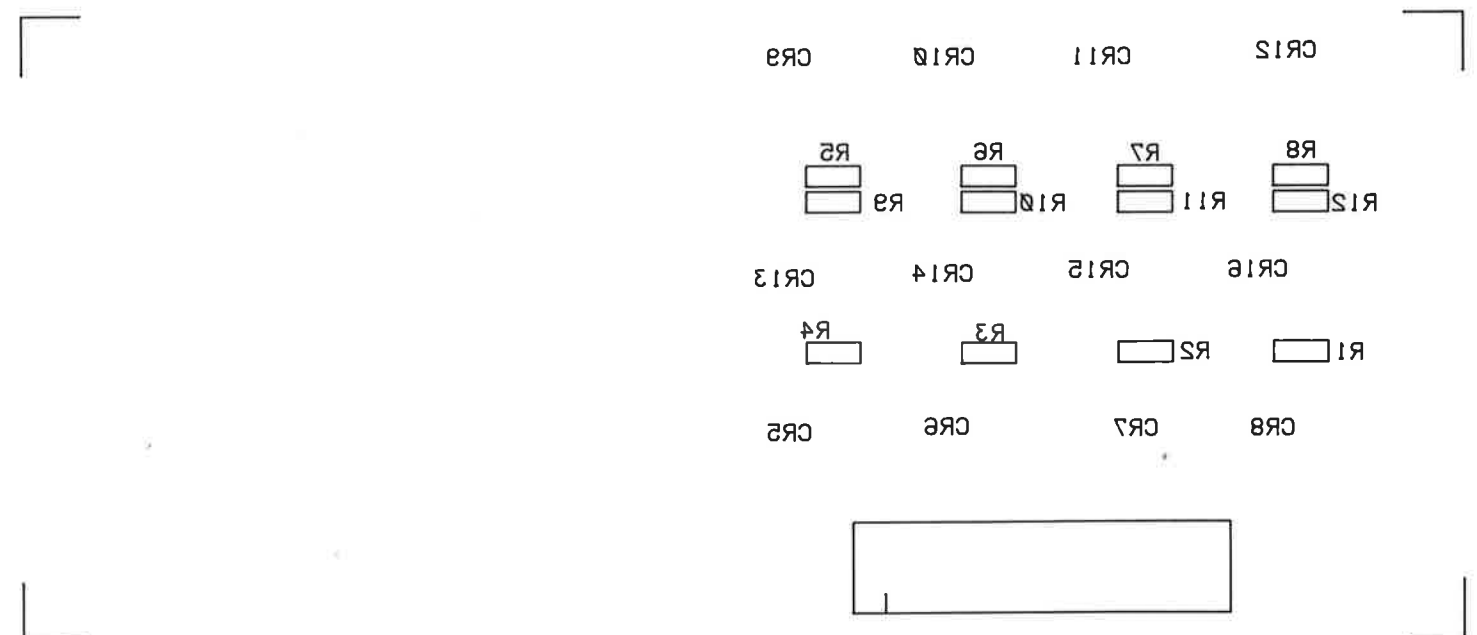
Part Description

RES, CHIP, 475, 1/8W, 1%, 100PPM
SMTLED, RED, 1.8V, 10MA

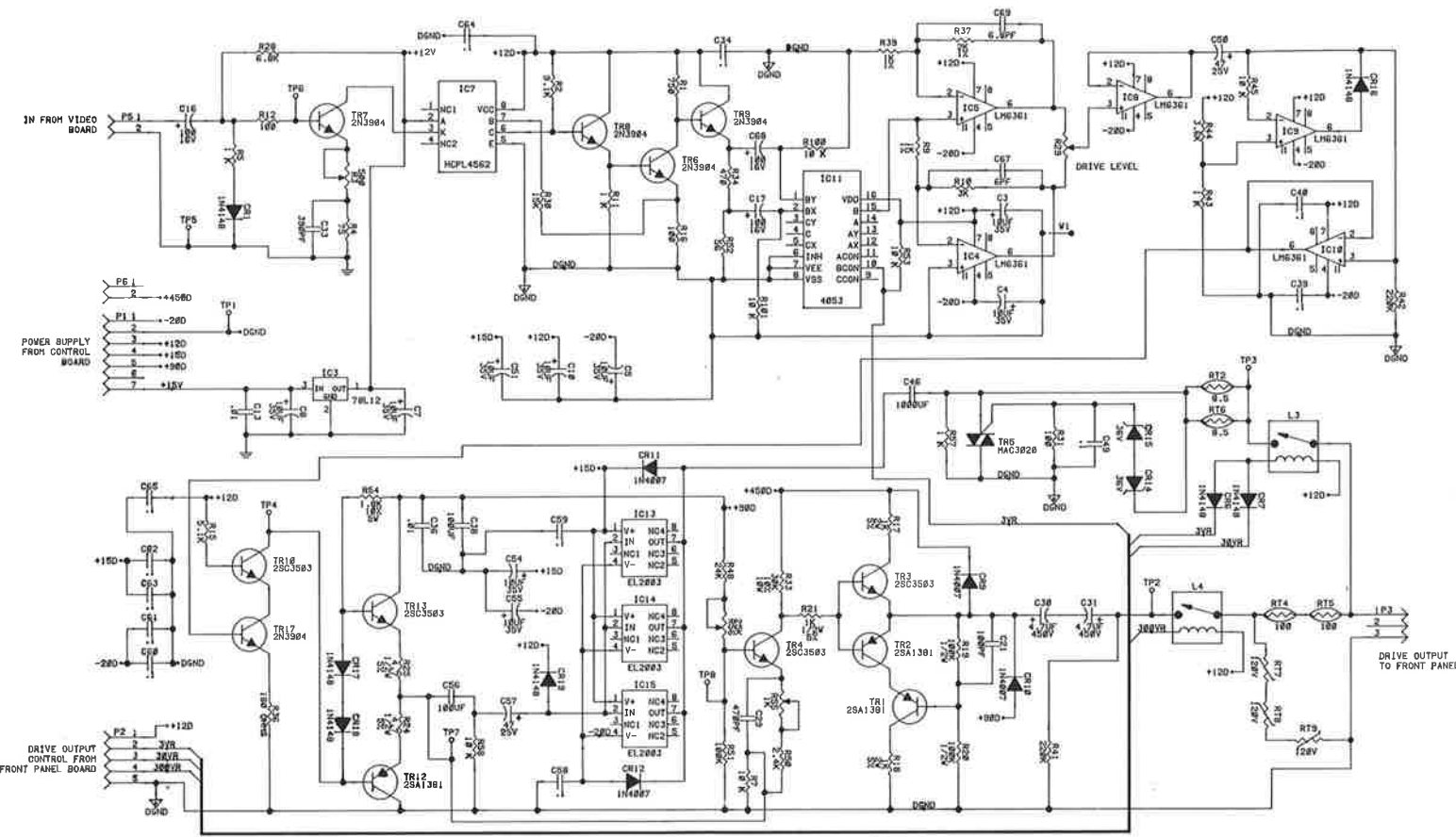
4000 Keyboard Legend (Front)



4000 Keyboard Legend (Back)



5000 DRIVE BOARD - SHEET 1



Schematic References
5000 Drive Board

- TR1,2,12 SUB-ASSEMBLY
- TR3,4,13 SUB-ASSEMBLY
- C46 SUB-ASSEMBLY
- R29 SUB-ASSEMBLY
- CR25 ADD-ON SUB-ASSEMBLY
- R54 INSTALL AND CLIP LEADS
- R33 INSTALL AND CLIP LEADS
- RT9,8,7 INSTALL AND CLIP LEAD
- RT5,4 INSTALL AND CLIP LEADS
- RT6,2 INSTALL AND CLIP LEADS
- IC7
- CR1
- CR9
- R19,20
- R21
- C21
- C13
- IC3

Component

- 19G107
- 19G110
- 24G631
- 15B56
- 50C5-2:A
- 19A29-3
- 14A94-5
- 14G105-1
- 33G273
- 33G285
- 33G333
- 69G412
- 50C5-2:A
- 16G18
- 14C4-104
- 14C4-102
- 24G70
- 24G483
- 69G127

Part Description

- TRANS, PNP, 300V, 7W, 2SA1381
- TRANS, NPN, 300V, 7W, 2SC3503
- CAP, RLYTIC, 1000UF, 63V, 20%, N
- POT, HPC CARB, 10K, 1/2W, 30%
- DIODE, SIL, 75V, 100MA, .25UA, 4
- TRANS, NPN, 80V, 3A, MJE182
- RES, W/W, 1.8K, 5W, 5%
- RES, W/W, 30K, 10W, 5%
- MOV, 120V, 10%
- THERMISTOR, 100-OHM, @25 DEG. C
- THERMISTOR, 8.5 OHM, 600V
- IC, OPTOCOUPLER, HCPL-4562
- DIODE, SIL, 75V, 100MA, .25UA, 4
- DIODE, SILICON, 1KV, 1A, 10UA, 4
- RES, CARBON, 100K, 1/2W, 5%
- RES, CARBON, 1K, 1/2W, 5%
- CAP, DISC, 100PF, 500V, 5%, NPO
- CAP, MYLAR, .01UF, 50V, 5%, 5MM
- IC, REG, +12V, 100mA, 78L12

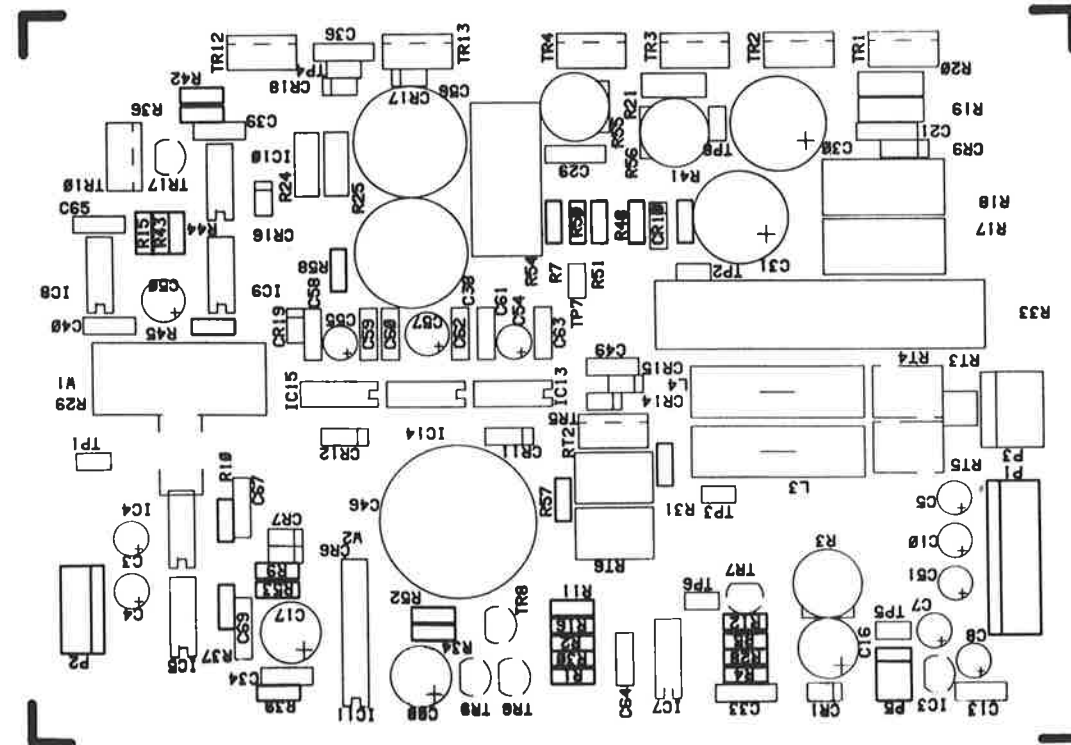
- C8,7,51,10,5
- C16
- R3
- C33
- TR7
- L4
- L3
- C31,30
- IC13,14,15
- R17,18
- CR11,12,10
- CR14,15
- CR17
- TR6,9,8
- C68
- TR5
- C64,49,63,61,62,60,59
- C54
- C57
- R55
- C29
- R56
- C38,56 CLIP 1/8" PAST THE BOD
- IC11
- IC5,4,9,10,8
- R39,9
- R37
- CR6,7,19,16,18
- C36
- C4,3,55 - CUT NOT CRIMPED
- C34,58,40,65,39
- C69
- C17
- C67
- C50
- TR17
- TR10

- 24G448
- 24G442
- 15C26-3
- 24G464
- 19A33-1
- 41G35
- 41G39
- 24G430
- 69G330
- 14C10-102
- 16G18
- 50C4-10
- 50C5-2:A
- 19A33-1
- 24G442
- 50G26
- 24G482
- 24G448
- 24G407
- 15C26-15
- 24G119
- 15C26-26
- 24G498
- 69G64-B
- 69G401
- 14A38-1003A
- 14A38-2003A
- 50C5-2:A
- 24G126
- 24G448
- 24G482

- 24G138
- 24G442
- 24G154
- 24G407
- 19A33-1
- 19G110

- CAP, RLYTIC, 10UF, 35V, +/- 20%
- CAP, RLYTIC, 100UF, 16V, +/- 20%
- POT, MVPC CERM, 500, 1/2W, 20%
- CAP, DISC, 120PF, 500V, 5%, NPO
- TRANS, NPN, 40V, 200MA, 2N3904
- RELAY, REED, HE3321A1200
- RELAY REED, 712-12
- CAP, RLYTIC, 4.7UF, 450V, +/- 20
- IC, BUFFER, PWR AMP, EL2003
- RES, CARBON, 1K, 2W, 5%
- DIODE, SILICON, 1KV, 1A, 10UA, 4
- DIODE, ZENER, 36V, 30MA, 10%, 47
- DIODE, SIL, 75V, 100MA, .25UA, 4
- TRANS, NPN, 40V, 200MA, 2N3904
- CAP, RLYTIC, 100UF, 16V, +/- 20%
- TRIAC, 25A, 400V, 3020-25
- CAP, MYLAR, .1UF, 50V, 5%, 5MM
- CAP, RLYTIC, 10UF, 35V, +/- 20%
- CAP, RLYTIC, 47UF, 25V, +/- 20%
- POT, MVPC CERM, 1K, 1/2W, 20%
- CAP, DISC, 470PF, 500V, 10%
- POT, MVPC CERM, 25K, 1/2W, 20%
- CAP, RLYTIC, 100UF, 100V, N-POLA
- IC, SW, TRIPLE, 16 PIN, 40538
- IC, OP-AMP, HI-SPEED, LM6361
- RES, MET.F, 1K, 1/4W, 1%, 100PPM
- RES, MET.F, 2K, 1/4W, 1%, 100PPM
- DIODE, SIL, 75V, 100MA, .25UA, 4
- CAP, DISC, .01UF, 200V, 20%, Z5U
- CAP, RLYTIC, 10UF, 35V, +/- 20%
- CAP, MYLAR, .1UF, 50V, 5%, 5MM
- C65 THE LEGEND IS UPSIDE DOWN
- CAP, DISC, 6.8PF, 500V, 10%, NPO
- CAP, RLYTIC, 100UF, 16V, +/- 20%
- CAP, DISC, 6PF, 500V, +/- .5PF,
- CAP, RLYTIC, 47UF, 25V, +/- 20%
- TRANS, NPN, 40V, 200MA, 2N3904
- TRANS, NPN, 300V, 72, 2SC350

5000 Drive Board Legend



Notes:

1. All resistors not listed are carbon, 5%, 1/4 watt, and axial leaded.
2. Other components not listed are standard replacement parts and may be purchased locally.
3. When ordering parts, please specify instrument model number, schematic reference, part number, and description. Please include remittance (check or money order) with your order, otherwise invoice will be shipped C.O.D. Minimum billing is \$15.



WARNING

Avoid damage to parts caused by static electricity.

Most solid-state devices and film resistors are susceptible to damage due to discharge of electricity. Observe the following precautions when a PC board is removed from the unit, or when handling components.

1. The person handling the part must be grounded through a 1 megohm resistor via a wrist strap or similar ground collection.
2. A PC board or component should never be placed on an insulated surface. The surface must be ground (through a 1 megohm resistor) and conductive.
3. All replacement parts must be left in a completely enclosed, conductive container or package until ready for use. The person removing the part from the container must be properly grounded. All parts susceptible to static damage are shipped in conductive containers when ordered from the Sencore Service Department.



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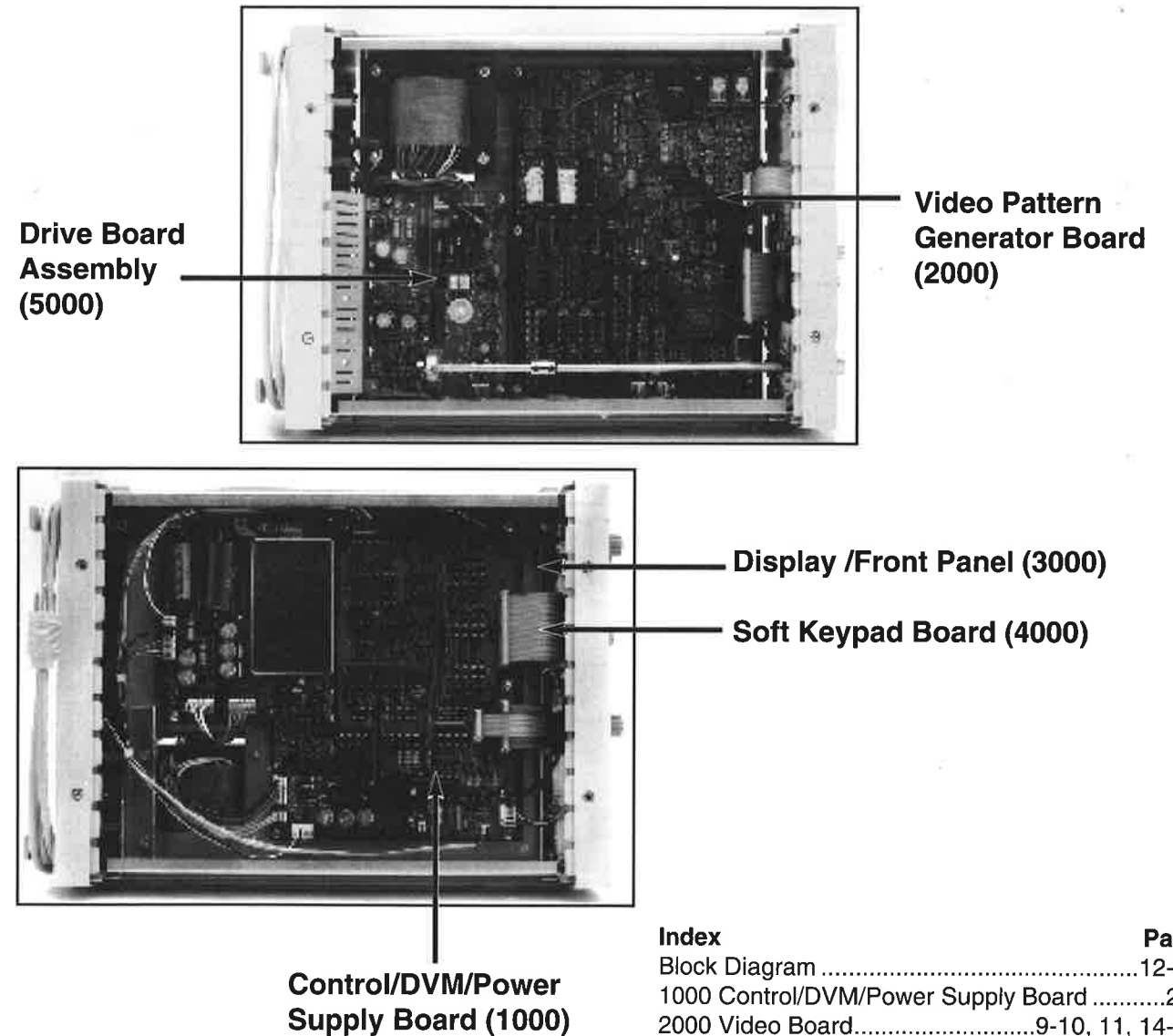
3200 Sencore Drive
Sioux Falls, SD 57107

*innovatively designed
with your time in mind.*

CM2125

Computer Monitor Analyzer

Parts List & Schematic



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