

REF.DES.	STOCK #	QUANTITY			DESCRIPTION	MANUFACTURING PURCHASING DATA	ALTERNATE
		A	T	N			
2	2701-605	1			2701C Main Board Assembly	Assembly 2701-605	
3	2701-606	1			2701C Display Board ASSY	Assembly 2701-606	
4	2701-404	1			2701C Rear Panel ASSY	Assembly 2701-404	
5	04-11063		1		2701C Bottom Cover (vinyl clad)	DWG 2701-224	04-10827
6	04-10458	2			2724A Side Rail	DWG 2724-215	
7	04-10332	4			Standard Corner Block	DWG 2724-204	
8	04-10333	4			Standard Bezel	DWG 2724-205	
10	04-10573	3			2701C Main Board Support Bar	DWG 2701-219	
11	04-10574	1			2701C Front Panel (screened)	DWG 2701-101 USING 04-10567	
12	04-10827		1		2701C/2724A Top Cover (vinyl clad)	DWG 2701-223	
16	05-10430	2			Standoff, 1.4 hex, 5/16 lg, 6-32, M-F	RAF 4531-632-SS-0	
17	05-10432	9			Standoff, 1.4 hex, 1 lg, 6-32, M-F	Smith 8254	
18	05-10679	6			Knob Black with Clear Skirt	Rogan GRI-11-CSK-M	
19	05-10808		2		Dual Tilting Feet (Plastic, Gray)	Elma Electronics 63-018S	
20	05-10015	2			Foot, robber, white	Acc. Rubber 2089W-017	
21	05-10086	1			Solder lug, #6 internal star	Smith 1412-6	
22	05-10441	6			Tie-wrap block, small	Panduit ABMM-AT	
23	05-10019	20			Cable tie, 4"x 1/8"	Panduit WRN-4	
24	91-06006	14			#6-32 x 3/8" Phil Flat 82 Deg. S.S.		
25	91-06009	8			#6-32 x 9/16" Phil Flat 82 Deg. S.S.		
26	90-06004	9			#6-32 x 1/4" Phil Pan S.S.		
27	90-06004	2			#6-32 x 1/4" Phil Pan S.S.		
28	90-06006	2			#6-32 x 3/8" Phil Pan S.S.		
29	90-06010	2			#6-32 x 5/8" Phil Pan S.S.		
30	90-06009	6			#6-32 x 9/16" Phil Pan S.S.		
31	98-06001	17			#6 Split Lock Washer,STD,S.S.		
32	98-06002	13			#6 Internal Star Washer, S.S.		
34	70-00003	16			3/16" Black Shrink Tubing	3000187 BLK 3M	
35	70-00004	2			1/4" Black Shrink Tubing FP301	3M 3000250BK	
38	80-01022	14			22AWG Wire, Black PVC	M16878/1-BFE-0	
39	80-01122	14			22AWG Wire, Brown PVC	M16878/1-BFE-1	
40	80-01222	28			22AWG Wire, Red PVC	M16878/1-BFE-2	
41	80-01322	14			22AWG Wire, Orange PVC	M16878/1-BFE-3	
42	80-01422	14			22AWG Wire, Yellow PVC	M16878/1-BFE-4	
43	80-01018	36			18AWG Wire, Black PVC	M16878/1-BHE-0	
44	80-01918	36			18AWG Wire, White PVC	M16878/1-BHE-9	
45	80-01518	8			18AWG Wire, Green PVC	M16878/1-BHE-5	
48	80-02020	12			20AWG Wire, Black PVC	M16878/4-BGE-0	
49	80-02920	12			20AWG Wire, White PVC	M16878/4-BGE-9	
50	80-02220	12			20AWG Wire, Red PVC	M16878/4-BGE-2	
51	80-02520	12			20AWG Wire, Green PVC	M16878/4-BGE-5	
52	80-01016	6			16AWG Wire, Black PVC	M16878/1-BJE-0	
53	80-01516	6			16AWG Wire, Green PVC	M16878/1-BJE-5	
55	80-10002	6			Braid 1/8"		
57	92-06004		6		6-32 x 1 1/4" Phil Truss Head S.S.		
58	04-20043	8			Ferrite Bead,U850(.380D/.20ID/.20LG)	Amidon, FB-43-2401	
J1	05-10191	1			Binding post, med.-thermal, red, 8-32	Pomona 3750-2	
J2	05-10191	1			Binding post, med.-thermal, red, 8-32	Pomona 3750-2	
J3	05-10190	1			Binding post, med.-thermal, black, 8-33	Pomona 3750-0	
J4	05-10190	1			Binding post, med.-thermal, black, 8-33	Pomona 3750-0	
SW201	05-03061	1			Switch, 2PDT, Black w/yellow eye	Schadow ZFNE152UEE11010106B	

REF.DES.	STOCK #	QUANTITY	DESCRIPTION	MANUFACTURING/PURCHASING DATA	ALTERNATE
		A T N			
6	70-00003	2	3/16" Black Shrink Tubing	3000187 BLK 3M	
8	70-00004	1	1/4" Black Shrink Tubing FP301	3M 3000250BK	
10	80-01016	4	16awg Wire, Black PVC	M16878/1-BJE-0	
11	04-10568	1	2701C Rear Panel	DWG 2701-217	
12	04-10572	1	2701C "IEEE/IRP" Cover Plate	DWG 2701-218	
16	80-01516	6	16awg Wire, Green PVC	M16878/1-BJE-5	
17	98-04001	5	#4 Split Lock Washer S.S.		
18	97-04001	5	#4-40 Radio Hex Nut S.S.		
19	98-08001	8	#8 Split Lock Washer STD S.S.		
20	97-08001	8	#8-32 Radio Hex Nut		
22	98-04000	5	#4 Flat Washer S.S.		
23	98-08000	8	#8 Flat Washer		
F1	05-04002	1	1A,Slo Blo Fuse	Littlefuse,313-001	
FH201	05-10018	1	Fuseholder, panel mount	Littlefuse 345061	
J5	05-10191	1	Binding post, med.-thermal, red, 8-32	Pomona 3750-2	
J6	05-10191	1	Binding post, med.-thermal, red, 8-32	Pomona 3750-2	
J7	05-10190	1	Binding post, med.-thermal, black, 8-32	Pomona 3750-0	
J8	05-10190	1	Binding post, med.-thermal, black, 8-32	Pomona 3750-0	
LF201	05-10166	1	Receptical, AC, filter	Corcom 6EF1	
SL201	05-10354	2	Solder lug, internal star, #8	Smith 1412-8	
SW101	05-03062	1	Keyswitch,2Pole,w/2 Keys	C&K,Y201-13-0-A1-01-Q4	
T201	04-20025	1	High Voltage Transformer	DWG 2701-012	
T202	04-20026	1	Main Power Transformer	DWG 2701-013	

REF.DES.	STOCK #	QUANTITY			DESCRIPTION	MANUFACTURING/PURCHASING DATA
		A	T	N		
1	04-30145	1			2701C Main Board	DWG 2701-705
130	05-10449	2			Cable tie, 14"x.15"	Panduit PLT41-M
133	98-06002	8			#6 Internal Star Washer, S.S.	
134	90-06006	4			#6-32 x 3/8" Phil Pan S.S.	
135	97-06001	4			#6-32 Hex Nut, SMALL PATTERN, S.S.	
C1	02-90000	1			0.005u 5% 50V Polycarbonate	IMB RA78502J
C2	02-60004	1			0.01u 630V Mylar	ILL. 103MSR630K
C3	02-60004	1			0.01u 630V Mylar	ILL. 103MSR630K
C4	02-90002	1			0.5u 5% 50V Polycarbonate	IMB RA7A504J
C5	02-90005	1			0.1u 5% 50V Polycarbonate	IMB RA7A104J
C6	02-90006	1			1u 5% 50V Polycarbonate	IMB RA20105J
C7	02-90006	1			1u 5% 50V Polycarbonate	IMB RA20105J
C8	02-90006	1			1u 5% 50V Polycarbonate	IMB RA20105J
C9	02-60002	1			0.1u 250V Mylar	Illinois 104MSR250K
C10	02-90005	1			0.1u 5% 50V Polycarbonate	IMB RA7A104J
C11	02-90005	1			0.1u 5% 50V Polycarbonate	IMB RA7A104J
C12	02-80003	1			0.22u 20% 1500V Mylar	Electron EP37478
C13	02-40026	1			10u 50V Alum. Radial	ILL. 106RMR050K10%
C14	02-40026	1			10u 50V Alum. Radial	ILL. 106RMR050K10%
C15	02-90010	1			0.5uf 5% 200V Polycarbonate	IMB BA1C504J
C16	02-90011	1			0.05uf 5% 200V Polycarbonate	IMB BA1C503J
C17	02-40008	1			470u 25V Aluminum	Illinois 477TTA025
C18	02-90005	1			0.1u 5% 50V Polycarbonate	IMB RA7A104J
C19	02-60002	1			0.1u 250V Mylar	Illinois 104MSR250K
C101	02-20018	1			33p 500V Mica	CM05FD330J03
C102	02-20018	1			33p 500V Mica	CM05FD330J03
C103	02-40029	1			100u 25V Alum. Radial	Illinois 107RMR025M
C104	02-30010	1			10u 10V Tantalum Bead	AVX TAP106K010SP
C105	02-10014	1			0.1uF 50V Ceramic disc	AVX SR205E104MAA00
C106	02-10014	1			0.1uF 50V Ceramic disc	AVX SR205E104MAA00
C107	02-10014	1			0.1uF 50V Ceramic disc	AVX SR205E104MAA00
C108	02-30010	1			10u 10V Tantalum Bead	AVX TAP106K010SP
C109	02-10014	1			0.1uF 50V Ceramic disc	AVX SR205E104MAA00
C110	02-10014	1			0.1uF 50V Ceramic disc	AVX SR205E104MAA00
C111	02-10014	1			0.1uF 50V Ceramic disc	AVX SR205E104MAA00
C112	02-30010	1			10u 10V Tantalum Bead	AVX TAP106K010SP
C113	02-10014	1			0.1uF 50V Ceramic disc	AVX SR205E104MAA00
C114	02-30010	1			10u 10V Tantalum Bead	AVX TAP106K010SP
C117	02-60011	1			1000pF, 100V, Mylar, 5%	WIMA, FKS2-1000P
C118	02-60011	1			1000pF, 100V, Mylar, 5%	WIMA, FKS2-1000P
C119	02-60011	1			1000pF, 100V, Mylar, 5%	WIMA, FKS2-1000P
C120	02-60002	1			0.1u 250V Mylar	Illinois 104MSR250K
C121	02-60002	1			0.1u 250V Mylar	Illinois 104MSR250K
C122	02-30001	1			10uF 25V Tantalum Bead	AVX TAP106K025SP
C123	02-30001	1			10uF 25V Tantalum Bead	AVX TAP106K025SP
C201	02-10011	1			0.01u 1000V Ceramic disc	SPRAGUE 5GAS10
C202	02-40011	1			10u 350V Aluminum	Illinois 106TTA350
C203	02-40009	1			47u 450V Aluminum	Illinois 476TTA450
C204	02-40009	1			47u 450V Aluminum	Illinois 476TTA450
C205	02-40009	1			47u 450V Aluminum	Illinois 476TTA450
C206	02-40009	1			47u 450V Aluminum	Illinois 476TTA450

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		A	T	N		
C207	02-40010	1			1000u 25V Aluminum	Illinois 108TTA025
C208	02-40010	1			1000u 25V Aluminum	Illinois 108TTA025
C209	02-40026	1			10u 50V Alum. Radial	ILL. 106RMR050K10%
C210	02-40026	1			10u 50V Alum. Radial	ILL. 106RMR050K10%
C211	02-40051	1			10u 500V Aluminum	Illinois 106TTA500A
C212	02-40012	1			15000uF 16V Aluminum	Illinois 159TTA016
C213	02-40026	1			10u 50V Alum. Radial	ILL. 106RMR050K10%
C214	02-40051	1			10u 500V Aluminum	Illinois 106TTA500A
C216	02-10015	1			0.005u 3KV Ceramic disc	SPRAGUE 30GAD47
D1	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D2	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D3	03-20046	1			Diode, zener, 30V, 10%, 1W	1N4751
D4	03-20006	1			Diode, low leakage	1N3595
D5	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D6	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D7	03-20000	1			Diode, general purpose	1N4148 or 1N914
D8	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D9	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D10	03-20006	1			Diode, low leakage	1N3595
D11	03-20000	1			Diode, general purpose	1N4148 or 1N914
D12	03-20000	1			Diode, general purpose	1N4148 or 1N914
D13	03-20000	1			Diode, general purpose	1N4148 or 1N914
D14	03-20006	1			Diode, low leakage	1N3595
D15	03-20006	1			Diode, low leakage	1N3595
D16	03-20000	1			Diode, general purpose	1N4148 or 1N914
D17	03-20000	1			Diode, general purpose	1N4148 or 1N914
D101	03-20000	1			Diode, general purpose	1N4148 or 1N914
D102	03-20000	1			Diode, general purpose	1N4148 or 1N914
D103	03-20000	1			Diode, general purpose	1N4148 or 1N914
D104	03-20000	1			Diode, general purpose	1N4148 or 1N914
D105	03-20000	1			Diode, general purpose	1N4148 or 1N914
D106	03-20000	1			Diode, general purpose	1N4148 or 1N914
D107	03-20000	1			Diode, general purpose	1N4148 or 1N914
D108	03-20000	1			Diode, general purpose	1N4148 or 1N914
D109	03-20000	1			Diode, general purpose	1N4148 or 1N914
D110	03-20000	1			Diode, general purpose	1N4148 or 1N914
D111	03-20000	1			Diode, general purpose	1N4148 or 1N914
D112	03-20000	1			Diode, general purpose	1N4148 or 1N914
D113	03-20000	1			Diode, general purpose	1N4148 or 1N914
D201	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D202	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D203	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D204	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D205	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D206	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D207	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D208	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D209	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D210	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D211	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D212	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007

REF.DES.	STOCK #	QUANTITY			DESCRIPTION	MANUFACTURING PURCHASING DATA
		A	T	N		
D213	03-20015	1			Diode, rectifier, 1A, 1000V	1N4007
D214	03-20027	1			Bridge, 1A, 100V	3N247
F1	05-04000	1			0.1 Amp slo-blo fuse	Littlefuse 313-.10A
FS1	05-10269	2			Clip, fuse, pcb mount	Zierick 926, 927 or 798
HIC201	05-10025	1			Heatsink, TO3, 1" high	Thermalloy 6003B-2
HIC202	05-10025	1			Heatsink, TO3, 1" high	Thermalloy 6003B-2
IC1	03-30322	1			Dual General Purpose JFET Op Amp	LF353N
IC2	03-30094	1			High Gain opto-Isolator	4N45
IC4	03-30168	1			Regulator, +5V, 100mA, TO92	78L05ACLP
IC5	03-30111	1			Precision chopper amplifier	Intersil ICL7650CPD or equiv.
IC6	03-30169	1			Regulator, -5V, 100mA, TO92	79L05CLP
IC7	03-30096	1			6.95V 1% High Stability Reference	Linear techology SL40051
IC8	03-30090	1			General Purpose JFET Op-Amp	LF356N or H (ALT 03-30074)
IC9	03-30090	1			General Purpose JFET Op-Amp	LF356N or H (ALT 03-30074)
IC10	03-30094	1			High Gain opto-Isolator	4N45
IC11	03-30090	1			General Purpose JFET Op-Amp	LF356N or H (ALT 03-30074)
IC101	03-30160		1		Microprocessor with RAM (1MHz)	MC6802P
IC102	03-50033		1		2701C ROM	Made from 03-30391
IC103	03-30374		1		64x4 NOVRAM	Xicor or NCR 2210
IC104	03-30155	1			Binary to 1 of 8 decoder	74ALS138N or 74LS138N
IC105	03-30155	1			Binary to 1 of 8 decoder	74ALS138N or 74LS138N
IC106	03-30184	1			Hex invertor	74ALS04N or 74LS04N
IC107	03-30351		1		Programmable Timer (1.5MHz)	MC68A40P
IC108	03-30159		1		Peripheral Interface Adapter (1.5MHz)	MC68A21P
IC110	03-30159		1		Peripheral Interface Adapter (1.5MHz)	MC68A21P
IC108	03-30186	1			Dual very high speed opto-isolator	Hewlett ParkardHCPL-2630
IC111	03-30186	1			Dual very high speed opto-isolator	Hewlett ParkardHCPL-2630
IC112	03-30026	1			Dual D-Type Flip Flop (CMOS)	4013BE
IC113	03-30161	1			Quad 2 Input NAND Open Collector	7438N
IC 114	03-30161	1			Quad 2 Input NAND Open Collector	7438N
IC115	03-30115	1			12-Bit Binary counter (CMOS)	4040BE
IC116	03-30168	1			Regulator, +15V, 100mA, TO92	78L05CLP
IC201	03-30042	1			Regulator, +5V, 1.5A, TO3	7805CK or LM340K-5.0
IC202	03-30036	1			Regulator, +15V, 0.5A, TO202 or TO220	78M15CP or LM340T-15
IC203	03-30037	1			Regulator, -15V, 0.5A, TO202 or TO220	79M15CP or LM320T-15
PL201	05-10368	1			Wafer, 4 pin, gold, .56"	Molex 22-10-2041
PL202	05-10368	1			Wafer, 4 pin, gold, .56"	Molex 22-10-2041
PL203	05-10368	2			Wafer, 4 pin, gold, .56"	Molex 22-10-2041
R6	01-01061	1			10K 5% 1/4W Carbon Film	RC07GF103J
R7	01-01019	1			82 5% 1/4W Carbon Film	RC07GF820J
R8	01-01081	1			100K 5% 1/4W Carbon Film	RC07GF104J
R9	01-01081	1			100K 5% 1/4W Carbon Film	RC07GF104J
R10	01-01081	1			100K 5% 1/4W Carbon Film	RC07GF104J
R11	01-01081	1			100K 5% 1/4W Carbon Film	RC07GF104J
R12	01-01081	1			100K 5% 1/4W Carbon Film	RC07GF104J
R14	01-30011	1			1K 20% 10W Power w/wound	Mills MRP-10A
R15	01-01119	1			10M 5% 1/4W Carbon Film	RC07GF106J
R16	01-01119	1			10M 5% 1/4W Carbon Film	RC07GF106J
R19	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R20	01-01061	1			10K 5% 1/4W Carbon Film	RC07GF103J
R21	01-01102	1			1.5M 5% 1/4W Carbon Film	RC07GF155J

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		A	T	N		
R22	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R23	01-01061	1			10K 5% 1/4W Carbon Film	RC07GF103J
R24	01-01063	1			15K 5% 1/4W Carbon Film	RC07GF153J
R25	01-01053	1			4.7K 5% 1/4W Carbon Film	RC07GF472J
R26	01-01081	1			100K 5% 1/4W Carbon Film	RC07GF104J
R27	01-01061	1			10K 5% 1/4W Carbon Film	RC07GF103J
R28	01-01021	1			100 5% 1/4W Carbon Film	RC07GF101J
R29	01-01063	1			15K 5% 1/4W Carbon Film	RC07GF153J
R30	01-01045	1			2K 5% 1/4W Carbon Film	RC07GF202J
R31	01-10213	1			381.9K 1% 10ppm/C 1/8W Metal Film	PRP 1/8W - 381.9K - 1% - 10PPM
R32	01-20125	1			2701C Main Resistor Set Specifications	DWG 2701-016
R33	01-01053	1			4.7K 5% 1/4W Carbon Film	RC07GF472J
R34	01-10080	1			60.4K 1% 50ppm/C 1/4W Metal Film	RN60C6042F
R35	01-20016	1			1K 0.05% 5ppm/C Wire Wound	Goldstar GS805-1K-.05%-5PPM
R36	01-10027	1			4.02K 1% 50ppm/C 1/4W Metal Film	RN60C4021F
R37	01-10007	1			1.0M 1% 50ppm/C 1/4W Metal Film	RN55C1004F
R38	01-20125	1			2701C Main Resistor Set Specifications	DWG 2701-016
R39	01-20035	1			5K 0.05% 5ppm/C wire wound	Goldstar GS711-5K-0.05%-5ppm
R41	01-20125	1			2701C Main Resistor Set Specifications	DWG 2701-016
R42	01-20125	1			2701C Main Resistor Set Specifications	DWG 2701-016
R43	01-01072	1			43K 5% 1/4W Carbon Film	RC07GF433J
R44	01-01072	1			43K 5% 1/4W Carbon Film	RC07GF433J
R45	01-10131	1			750 1% 50ppm/C 1/4W Metal Film	RN60C7500F
R46	01-10007	1			1.0M 1% 50ppm/C 1/4W Metal Film	RN55C1004F
R47	01-01119	1			10M 5% 1/4W Carbon Film	RC07GF106J
R48	01-20125	1			2701C Main Resistor Set Specifications	DWG 2701-016
R49	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R50	01-01081	1			100K 5% 1/4W Carbon Film	RC07GF104J
R51	01-01061	1			10K 5% 1/4W Carbon Film	RC07GF103J
R52	01-20126	1			2701C 10:1 Divider Resistor Specifications	DWG 2701-017
R53	01-20126	1			2701C 10:1 Divider Resistor Specifications	DWG 2701-017
R54	01-01053	1			4.7K 5% 1/4W Carbon Film	RC07GF472J
R55	01-01053	1			4.7K 5% 1/4W Carbon Film	RC07GF472J
R56	01-01050	1			3.3K 5% 1/4W Carbon Film	RC07GF332J
R57	01-01050	1			3.3K 5% 1/4W Carbon Film	RC07GF332J
R101	01-01050	1			3.3K 5% 1/4W Carbon Film	RC07GF332J
R102	01-01061	1			10K 5% 1/4W Carbon Film	RC07GF103J
R103	01-01061	1			10K 5% 1/4W Carbon Film	RC07GF103J
R104	01-01033	1			470 5% 1/4W Carbon Film	RC07GF471J
R105	01-01033	1			470 5% 1/4W Carbon Film	RC07GF471J
R106	01-01033	1			470 5% 1/4W Carbon Film	RC07GF471J
R107	01-01043	1			1.5K 5% 1/4W Carbon Film	RC07GF152J
R108	01-01043	1			1.5K 5% 1/4W Carbon Film	RC07GF152J
R109	01-01043	1			1.5K 5% 1/4W Carbon Film	RC07GF152J
R110	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R111	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R112	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R113	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R114	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R115	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R116	01-01061	1			10K 5% 1/4W Carbon Film	RC07GF103J

REF.DES.	STOCK #	QUANTITY			DESCRIPTION	MANUFACTURING/PURCHASING DATA
		A	T	N		
R117	01-01061	1			10K 5% 1/4W Carbon Film	RC07GF103J
R118	01-01061	1			10K 5% 1/4W Carbon Film	RC07GF103J
R119	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R120	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R121	01-01061	1			10K 5% 1/4W Carbon Film	RC07GF103J
R122	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R123	01-01061	1			10K 5% 1/4W Carbon Film	RC07GF103J
R124	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R125	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R126	01-01033	1			470 5% 1/4W Carbon Film	RC07GF471J
R127	01-01033	1			470 5% 1/4W Carbon Film	RC07GF471J
R128	01-01033	1			470 5% 1/4W Carbon Film	RC07GF471J
R129	01-30113	1			1.2K 5% 1.2K, 5%, 1/2W	RC206F122J
R201	01-30019	1			100K 5% 1W Film	RC32GF104J
R202	01-30019	1			100K 5% 1W Film	RC32GF104J
R203	01-30019	1			100K 5% 1W Film	RC32GF104J
R205	01-01026	1			220 5% 1/4W Carbon Film	RC07GF221J
R206	01-01033	1			470 5% 1/4W Carbon Film	RC07GF471J
R207	01-30014	1			47K 5% 1W Film	RC32GF473J
R208	01-30011	1			1K 20% 10W Power w/wound	Mills MRP-10A
R209	01-30015	1			27K 5% 1W Film	RC32GF273J
R210	01-30015	1			27K 5% 1W Film	RC32GF273J
R211	01-30015	1			27K 5% 1W Film	RC32GF273J
R212	01-30015	1			27K 5% 1W Film	RC32GF273J
R213	01-30015	1			27K 5% 1W Film	RC32GF273J
R214	01-30015	1			27K 5% 1W Film	RC32GF273J
R215	01-30015	1			27K 5% 1W Film	RC32GF273J
R216	01-30015	1			27K 5% 1W Film	RC32GF273J
R218	01-01108	1			3M 5% 1/4W Carbon Film	RC07GF305J
R219	01-01108	1			3M 5% 1/4W Carbon Film	RC07GF305J
R220	01-30032	1			47K 5% 2W Composition	RC42GF473J
R221	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R222	01-30032	1			47K 5% 2W Composition	RC42GF473J
R223	01-30012	1			500K 1% 6W Power Film	Caddock MS260-500K-1%
R224	01-30012	1			500K 1% 6W Power Film	Caddock MS260-500K-1%
RLA	05-03082	1			Relay,Latching,2A+2B,5V	Aromat,S2EB-L2-5V
RLB	05-03082	1			Relay,Latching,2A+2B,5V	Aromat,S2EB-L2-5V
RLC	05-03082	1			Relay,Latching,2A+2B,5V	Aromat,S2EB-L2-5V
RLD	05-03082	1			Relay,Latching,2A+2B,5V	Aromat,S2EB-L2-5V
RLE	05-03082	1			Relay,Latching,2A+2B,5V	Aromat,S2EB-L2-5V
RLF	05-03082	1			Relay,Latching,2A+2B,5V	Aromat,S2EB-L2-5V
RLG	05-03082	1			Relay,Latching,2A+2B,5V	Aromat,S2EB-L2-5V
RLH	05-03082	1			Relay,Latching,2A+2B,5V	Aromat,S2EB-L2-5V
RLJ	05-03119	1			Relay, 2PDT, 5V, 1500V Breakdown	Omron G2VN-237P-US (DO NOT USE ALT PRT)
SK101	05-10294	1			Socket, dil, 20 pin	Burndy DILB20P-108
SK102	05-10310	3			Socket, right angle, 10 way, gold	Molex 22-16-2101
TR6	03-10024	1			NPN Transistor (TO220)	TIP29A
TR7	03-10043	1			N-CHANNEL MOSFET 950V	MOTOROLA MTP1N95
TR8	03-10043	1			N-CHANNEL MOSFET 950V	MOTOROLA MTP1N95
TR9	03-10043	1			N-CHANNEL MOSFET 950V	MOTOROLA MTP1N95
TR10	03-10043	1			N-CHANNEL MOSFET 950V	MOTOROLA MTP1N95

REF.DES.	STOCK #	QUANTITY			DESCRIPTION	MANUFACTURING/PURCHASING DATA
		A	T	N		
TR11	03-10043	1			N-CHANNEL MOSFET 950V	MOTOROLA MTP1N95
TR12	03-10013	1			NPN Transistor (T092)	2N4401
TR13	03-10016	1			N-Channel VMOS (T05)	VN66AK or 2N6660
TR14	03-10016	1			N-Channel VMOS (T05)	VN66AK or 2N6660
TR15	03-10016	1			N-Channel VMOS (T05)	VN66AK or 2N6660
TR16	03-10016	1			N-Channel VMOS (T05)	VN66AK or 2N6660
TR17	03-10010	1			PNP Transistor (T092)	2N4402
TR101	03-10013	1			NPN Transistor (T092)	2N4401
TR102	03-10013	1			NPN Transistor (T092)	2N4401
TR103	03-10013	1			NPN Transistor (T092)	2N4401
TR104	03-10013	1			NPN Transistor (T092)	2N4401
TR105	03-10013	1			NPN Transistor (T092)	2N4401
TR106	03-10013	1			NPN Transistor (T092)	2N4401
TR107	03-10013	1			NPN Transistor (T092)	2N4401
TR108	03-10013	1			NPN Transistor (T092)	2N4401
TR109	03-10013	1			NPN Transistor (T092)	2N4401
TR110	03-10013	1			NPN Transistor (T092)	2N4401
TR111	03-10013	1			NPN Transistor (T092)	2N4401
TR112	03-10013	1			NPN Transistor (T092)	2N4401
TR113	03-10032	1			NPN Darlington (T092)	MPSA13
TR114	03-10013	1			NPN Transistor (T092)	2N4401
TR115	03-10013	1			NPN Transistor (T092)	2N4401
TR116	03-10013	1			NPN Transistor (T092)	2N4401
TR201	03-10030	1			NPN Transistor (T0220)	2N6499
TR202	03-10017	1			NPN Transistor (T03)	2N6543 or DTS-801
WTR13	05-10229	1			Washer, beryllia, T05	Permag CG-3835-1
WTR15	05-10229	1			Washer, beryllia, T05	Permag CG-3835-1
XIC101	05-10246	1			Socket, dil, 40 pin	Burndy DILB40P-11
XIC102	05-10295	1			Socket, dil, 28 pin	Burndy DILB28P-108
XIC103	05-10293	1			Socket, dil, 18 pin	Burndy DILB18P-108
XIC107	05-10295	1			Socket, dil, 28 pin	Burndy DILB28P-108
XIC108	05-10246	1			Socket, dil, 40 pin	Burndy DILB40P-11
XIC109	05-10246	1			Socket, dil, 40 pin	Burndy DILB40P-11
XIC110	05-10824	1			Socket, DIL, 8Pin	Augat 208-AG49D
XIC111	05-10824	1			Socket, DIL, 8Pin	Augat 208-AG49D
XPL203	05-10488	4			Shorting plug, .1 spacing, gold	Molex 15-29-1024
Y101	05-02006	1			Crystal,MPU,6MHz	HC18-6MHz



REF.DES.	STOCK #	QUANTITY	DESCRIPTION	MANUFACTURING/PURCHASING DATA	ALTERNATE
		A T N			
1	05-04010	1	0.25A,Slo Blo Fuse	Littlefuse,313-.250	
35	90-06006	2	#6-32 x 3/8" Phil Pan S.S.		
36	98-06002	4	#6 Internal Star Washer, S.S.		
37	97-06000	2	#6-32 Standard Hex Nut, S.S.		
38	05-10025	1	Heatsink, TO3, 1" high	Thermalloy 6003B-2	
39	80-02018	6	18awg Wire, Black TPE	M16878/4-BHE-0	
C301	02-60002	1	0.1uF 250V Mylar	Illinois 104MSR250K	
C302	02-60002	1	0.1uF 250V Mylar	Illinois 104MSR250K	
C303	02-20011	1	1000p 500V Mica	CM06FD102J03	
D302	03-20000	1	Diode, general purpose	1N4148 or 1N914	
D303	03-20000	1	Diode, general purpose	1N4148 or 1N914	
D304	03-20000	1	Diode, general purpose	1N4148 or 1N914	
D305	03-20000	1	Diode, general purpose	1N4148 or 1N914	
DS301	05-01028	1	LED,Red,Panel Mount	Hewlett Packard,HLM3301	
DS302	05-01013	1	LED,Green,Panel Mount	Hewlett Packard,5082-4955	
FS301	05-10269	2	Clip, fuse, pcb mount	Zierick 926, 927 or 798	
IC102	03-50037	1	2701C Option IT2 ROM	Made from 03-30198	
IC103	03-30189	1	256x4 NOVRAM	Xicor or NCR 2212	
IC301	03-30170	1	Low Noise, low drift Op-amp	OP07DP	
R301	01-20144	1	10 0.05% 5ppm/C wire wound	Goldstar GS803-10R-0.05%-5ppm	
R302	01-01041	1	1K 5% 1/4W Carbon Film	RC07GF102J	
R303	01-01119	1	10M 5% 1/4W Carbon Film	RC07GF106J	
R304	01-01041	1	1K 5% 1/4W Carbon Film	RC07GF102J	
R305	01-01041	1	1K 5% 1/4W Carbon Film	RC07GF102J	
R306	01-10272	1	1.33M 1% 50ppm/C 1/4W Metal Film	RN65C1334F	
R307	01-10239	1	9.09 1% 50ppm/C 1/4W Metal Film	RN60C9R09F	
R308	01-01061	1	10K 5% 1/4W Carbon Film	RC07GF103J	
R309	01-01061	1	10K 5% 1/4W Carbon Film	RC07GF103J	
R310	01-10060	1	3.92K 1% 50ppm/C 1/4W Metal Film	RN60C3921F	
R311	01-01081	1	100K 5% 1/4W Carbon Film	RC07GF104J	
RV301	01-50028	1	50K Top Adjust	Beckman 68WR50K	
RLK	05-03093	1	Relay,4 Form A,Latching,5V	Aromat,S4EB-L2-5V	
RLL	05-03082	1	Relay,Latching,2A+2B,5V	Aromat,S2EB-L2-5V	
TR301	03-10004	1	P-Channel JFET	P1087E (selected)	
TR302	03-10009	1	PNP Transistor (TO3 steel)	2N6246-8 (steel)	
TR303	03-10013	1	NPN Transistor (TO92)	2N4401	
TR304	03-10013	1	NPN Transistor (TO92)	2N4401	
TR305	03-10013	1	NPN Transistor (TO92)	2N4401	
TR306	03-10013	1	NPN Transistor (TO92)	2N4401	
TR307	03-10013	1	NPN Transistor (TO92)	2N4401	
XIC301	05-10824	1	Socket, DIL, 8Pin	Augat 208-AG49D	

REF.DES.	STOCK #	QUANTITY			DESCRIPTION	MANUFACTURING/PURCHASING DATA
		A	T	N		
1	04-30146	1			2701C Display Board	DWG 2701-706
18	80-01222	12			22awg Wire, Red PVC	M16878/1-BFE-2
19	98-60002	6			3/8" Internal Star Washer	
20	96-00016	6			3/8-24 Panel Nut	
21	80-01122	12			22awg Wire, Brown PVC	M16878/1-BFE-1
22	80-01322	12			22awg Wire, Orange PVC	M16878/1-BFE-3
25	80-01422	12			22awg Wire, Yellow PVC	M16878/1-BFE-4
26	80-01522	12			22awg Wire, Green PVC	M16878/1-BFE-5
29	05-10019	6			Cable tie, 4"x 1/8"	Panduit WRN-4
D14	05-01023	1			Light Bar,(16 Pin Dil)	Hewlett Packard,HLMP2685
DS1	05-01010	1			Display,LED,Red,0-9	Hewlett Packard,5082-7650-S02
DS2	05-01010	1			Display,LED,Red,0-9	Hewlett Packard,5082-7650-S02
DS3	05-01010	1			Display,LED,Red,0-9	Hewlett Packard,5082-7650-S02
DS4	05-01010	1			Display,LED,Red,0-9	Hewlett Packard,5082-7650-S02
DS5	05-01010	1			Display,LED,Red,0-9	Hewlett Packard,5082-7650-S02
DS6	05-01010	1			Display,LED,Red,0-9	Hewlett Packard,5082-7650-S02
DS7	05-01010	1			Display,LED,Red,0-9	Hewlett Packard,5082-7650-S02
DS8	05-01028	1			LED,Red,Panel Mount	Hewlett Packard,HLMP3301
DS9	05-01028	1			LED,Red,Panel Mount	Hewlett Packard,HLMP3301
DS10	05-01028	1			LED,Red,Panel Mount	Hewlett Packard,HLMP3301
DS11	05-01028	1			LED,Red,Panel Mount	Hewlett Packard,HLMP3301
DS12	05-01028	1			LED,Red,Panel Mount	Hewlett Packard,HLMP3301
DS13	05-01028	1			LED,Red,Panel Mount	Hewlett Packard,HLMP3301
IC1	03-30101	1			BCD to Decimal Decoder/Driver	74LS145N
IC2	03-30101	1			BCD to Decimal Decoder/Driver	74LS145N
IC3	03-30164	1			Hex buffer open collector (30V)	7407
IC4	03-30164	1			Hex buffer open collector (30V)	7407
IC5	03-30164	1			Hex buffer open collector (30V)	7407
IC6	03-30164	1			Hex buffer open collector (30V)	7407
IC7	03-30164	1			Hex buffer open collector (30V)	7407
IC8	03-30164	1			Hex buffer open collector (30V)	7407
PL1	05-10360	3			Wafer, 10 pin, .70 lg, gold	Molex 22-03-2102
R1	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
R2	01-01041	1			1K 5% 1/4W Carbon Film	RC07GF102J
RN1	01-40012	1			15 x 1K Network	A-B 316A-102
RN2	01-40008	1			8 x 1K Network	A-B 316B-102
RN3	01-40004	1			8 x 47 Network	A-B 316B-470
SW1	05-03073	1			2703 Rotary Switch (coded)	DWG 2703-059
SW2	05-03073	1			2703 Rotary Switch (coded)	DWG 2703-059
SW3	05-03073	1			2703 Rotary Switch (coded)	DWG 2703-059
SW4	05-03073	1			2703 Rotary Switch (coded)	DWG 2703-059
SW5	05-03073	1			2703 Rotary Switch (coded)	DWG 2703-059
SW6	05-03073	1			2703 Rotary Switch (coded)	DWG 2703-059
SW7	05-03086	1			Switch,Push,Black,w/ Red LED	Shadow,SEAU0A0102R
SW8	05-03086	1			Switch,Push,Black,w/ Red LED	Shadow,SEAU0A0102R
SW9	05-03086	1			Switch,Push,Black,w/ Red LED	Shadow,SEAU0A0102R
SW10	05-03086	1			Switch,Push,Black,w/ Red LED	Shadow,SEAU0A0102R
SW11	05-03086	1			Switch,Push,Black,w/ Red LED	Shadow,SEAU0A0102R
SW12	05-03086	1			Switch,Push,Black,w/ Red LED	Shadow,SEAU0A0102R
SW13	05-03086	1			Switch,Push,Black,w/ Red LED	Shadow,SEAU0A0102R
SW14	05-03086	1			Switch,Push,Black,w/ Red LED	Shadow,SEAU0A0102R

REF.DES.	STOCK #	QUANTITY			DESCRIPTION	MANUFACTURING/PURCHASING DATA
		A	T	N		
SW15	05-03086	1			Switch,Push,Black,w/ Red LED	Shadow,SEAU0A0102R
SW16	05-03086	1			Switch,Push,Black,w/ Red LED	Shadow,SEAU0A0102R
TR1	03-10022	1			PNP Darlington (T092)	MPSD54
TR2	03-10022	1			PNP Darlington (T092)	MPSD54
TR3	03-10022	1			PNP Darlington (T092)	MPSD54
TR4	03-10022	1			PNP Darlington (T092)	MPSD54
TR5	03-10022	1			PNP Darlington (T092)	MPSD54
TR6	03-10022	1			PNP Darlington (T092)	MPSD54
TR7	03-10022	1			PNP Darlington (T092)	MPSD54
TR8	03-10022	1			PNP Darlington (T092)	MPSD54
TR9	03-10022	1			PNP Darlington (T092)	MPSD54
TR10	03-10022	1			PNP Darlington (T092)	MPSD54

REF.DES.	STOCK #	QUANTITY			DESCRIPTION	MANUFACTURING/PURCHASING DATA
		A	T	N		
2	04-30147	1			2701C "IEEE/IRP" Board	DWG 2701-707
4	05-10517		1		Cable 20 pin Dil 29.00 inches long	DWG 2701-055
24	05-10487	5			Spacer, 1/4 dia, 1/4 lg, swage, #6, aluminum	Useco A1570-B-1/4-16
25	05-10244	1			IEEE connector hardware kit	AMP 552633-3
29	98-04002	2			#4 Internal Star Washer S.S.	
30	98-04000	4			#4 Flat Washer S.S.	
31	98-06000	2			#6 Flat Washer STD S.S.	
33	97-04001	2			#4-40 Radio Hex Nut S.S.	
35	05-10320	2			Spacer, 1/8 lg, 1/4 dia, #6, aluminum	Smith 8500 or 8701
37	93-02006	2			#2-56 x 3/8" Slot Pan S.S.	
38	97-02001	2			#2-56 Radio Hex Nut	
39	98-02002	2			#2 INT.STAR WASHER S.S	
40	80-01222	3			22awg Wire, Red PVC	M16878/1-BFE-2
41	05-10530	1			Solder lug, internal star, #4	Smith 1412-4
C1	02-10014	1			0.1uF 50V Ceramic disc	AVX SR205E104MAA00
C2	02-10014	1			0.1uF 50V Ceramic disc	AVX SR205E104MAA00
IC1	03-30156	1			Octal 3-State Buffer	74ALS541N or 74LS541N
IC2	03-30158	1			GPIO to MPU Interface	MC68488P
IC3	03-30332	1			Octal GPIB Transceiver	Motorola MC3447P (ALT 03-30157)
IC4	03-30332	1			Octal GPIB Transceiver	Motorola MC3447P (ALT 03-30157)
IC5	03-30361	1			Octal 3-State Latch	74ALS574N
RN1	01-40003	1			15 x 10K Network	A-B 316A-103
RN2	01-40008	1			8 x 1K Network	A-B 316B-102
SK1	05-10294	1			Socket, dil, 20 pin	Burndy DIL820P-108
SK2	05-10268	1			Connector, female, 24 way, pcb	Amphenol 57-20240-14
SK3	05-10486	1			Connector, fem, 14 pin, pcb mount, with bail	Amphenol 57-40140-8
SW1	05-03037	1			Switch,DIL,5 Position	Grayhill,76SB05
TR1	03-10010	1			PNP Transistor (T092)	2N4402
TR2	03-10010	1			PNP Transistor (T092)	2N4402
TR3	03-10010	1			PNP Transistor (T092)	2N4402
TR4	03-10010	1			PNP Transistor (T092)	2N4402
TR5	03-10010	1			PNP Transistor (T092)	2N4402
TR6	03-10010	1			PNP Transistor (T092)	2N4402