

DESIGNATION LIST

DESIGNATION NO.	DESCRIPTION	DESIGNATION NO.	DESCRIPTION
C1,C2	390 PF AX CER	R122	2.7K OHM 1/4W CRBN
C3-C5	100 PF AX CER	R123,R124	360 OHM 1/4W CRBN
C6,C7	820 PF AX CER	R125	180 OHM 1/4W CRBN
C8-C11	100 PF AX CER	R126	2.7K OHM 1/4W CRBN
C101,C102	390 PF AX CER	R127	560K OHM 1/4W CRBN
C103	1 MF RD TANT		
C104	.01 MF AX CER	D1-D4	1N5817
C105	47 MF AX ELECT		
C106	680 PF AX CER	Q1-Q3	2N5305
C107	.01 MF AX CER		
C108	1 MF RD TANT	U1	MC3340
C109	68 PF AX CER 10%	U2,U3	LM359
C110	.01 MF AX CER	U4	74S74
C111	150 PF AX CER 10%	U5	68000-8 CPU
C112	470 PF AX CER 10%	U6	2KX8 RAM
C113	270 PF AX CER 10%	U7	EPROM
C114	1 MF RD TANT	U8	EPROM
C115	5600 PF AX CER 10%	U9	6821 PIA
C116	.01 MF AX CER	U10	AD7533JN DAC
C117	1 MF RD TANT	U11	MC14584/40106
C118	270 PF AX CER	U12	74LS74
C119	10 MF RD TANT	U13	74LS04
C120	.01 MF AX CER	U14	74F32/74S32
C121	10 MF RD TANT	U15	CSD002RO PAL
C122	47 MF AX ELECT	U16	2KX8 RAM 250NS
		U17	EPROM
		U18	EPROM
CP1-CP13	.01MF AX CER		
CP14,CP15	10 MF AX TANT	FB1,FB2	FERRITE BEAD
CP16	100 MF AX ELECT	FB101,FB102	FERRITE BEAD
R1-R3	4.7K OHM 1/4W CRBN		
R4	10K OHM 1/4W CRBN	ICS U5	64 PIN IC SOCKET
R5	100K OHM 1/4W CRBN	ICS U6	24 PIN IC SOCKET
R6-R9	4.7K OHM 1/4W CRBN	ICS U7,U8	28 PIN IC SOCKET
R10	1K OHM 1/4W CRBN	ICS U9	40 PIN IC SOCKET
R11-R14	4.7K OHM 1/4W CRBN	ICS U10	16 PIN IC SOCKET
R15,R16	10K OHM 1/4W CRBN	ICS U15	8 PIN IC SOCKET
R17,R18	100 OHM 1/4W CRBN	ICS U15A	16 PIN IC SOCKET
R19-R21	10K OHM 1/4W CRBN	ICS U16	24 PIN IC SOCKET
R22	100K OHM 1/4W CRBN	ICS U17,U18	28 PIN IC SOCKET
R23	10K OHM 1/4W CRBN		
R24	100K OHM 1/4W CRBN	J1	AUTO INSERT PINS TIN
R25	100 OHM 1/4W CRBN		.025 SQ. PIN
R26	47K OHM 1/4W CRBN	J2	AUTO INSERT PINS TIN
R101	24K OHM 1/4W CRBN		.045 SQ. PIN
R102	160K OHM 1/4W CRBN	J3	AUTO INSERT PINS TIN
R103	100 OHM 1/4W CRBN		.025 SQ. PIN
R104	330K OHM 1/4W CRBN		
R105	24K OHM 1/4W CRBN	JW1-JW3	ZERO OHM RESISTOR
R106	3.3K OHM 1/4W CRBN		
R107	24K OHM 1/4W CRBN	LED 1	GREEN LED
R108	150K OHM 1/4W CRBN		
R109	82K OHM 1/4W CRBN	SW1	SWITCH PC MOUNT
R110	510K OHM 1/4W CRBN		
R111,R112	120K OHM 1/4W CRBN	Y1	16 MHZ XSTAC OSC
R113	33K OHM 1/4W CRBN		
R114	330K OHM 1/4W CRBN	MH1-MH4	1/4" SPACER FOR
R115	150K OHM 1/4W CRBN		#8 SCREW
R116	33K OHM 1/4W CRBN		
R117	18K OHM 1/4W CRBN	PC BOARD	A080-91671-D000
R118	100K OHM 1/4W CRBN		
R119	510K OHM 1/4W CRBN		
R120	47K OHM 1/4W CRBN		
R121	1K OHM 1/4W CRBN		

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MH2

A080-91671-1000

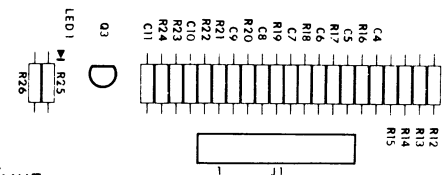
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MH4

MH3

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CT



DESCRIPTION

QTY

DESIGNATION NO.

68 PF AX CER 10%	1	C109
100 PF AX CER	7	C3-C5,C8-C11
150 PF AX CER 10%	1	C111
270 PF AX CER 10%	2	C113,C118
390 PF AX CER	4	C1,C2,C101,C102
470 PF AX CER 10%	1	C112
580 PF AX CER	1	C106
820 PF AX CER	2	C6,C7
5600 PF AX CER 10%	1	C115
101 MF AX CER	18	C104,C107,C110, C116,C120,CP1- CP13
1 MF RD TANT	4	C103,C108,C114 C117
10 MF AX TANT	2	CP14,CP15
10 MF RD TANT	2	C119,C121
4.7 MF AX ELECT	2	C105,C122
100 MF AX ELECT	1	CP16
100 OHM 1/4W CRBN	4	R17,R18,R25,R103
180 OHM 1/4W CRBN	1	R125
360 OHM 1/4W CRBN	2	R123,R124
1K OHM 1/4W CRBN	2	R10,R121
2.7K OHM 1/4W CRBN	2	R122,R126
5.3K OHM 1/4W CRBN	1	R106
4.7K OHM 1/4W CRBN	11	R1-R3,R6-R9, R11-R14
10K OHM 1/4W CRBN	7	R4,R15,R16,R19- R21,R23
18K OHM 1/4W CRBN	1	R117
24K OHM 1/4W CRBN	3	R101,R105,R107
53K OHM 1/4W CRBN	2	R113,R116
47K OHM 1/4W CRBN	2	R26,R120
82K OHM 1/4W CRBN	1	R109
100K OHM 1/4W CRBN	4	R5,R22,R24,R118
120K OHM 1/4W CRBN	2	R111,R112
150K OHM 1/4W CRBN	2	R108,R115
160K OHM 1/4W CRBN	1	R102
330K OHM 1/4W CRBN	2	R104,R114
510K OHM 1/4W CRBN	2	R110,R119
560K OHM 1/4W CRBN	1	R127
1N5817	4	D1-D4
2N5305	5	Q1-Q3
74LS04	1	U13
74F32/74S32	1	U14
74LS74	1	U12
74S74	1	U4
14584/40106	1	U11
6821 PIA	1	U9
68000-8 CPU	1	U5
AD7533JN	1	U10

PROJECT

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CROSS REFERENCE LIST

PART NOS.	DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.
0307-00800-0011	CS0002RO PAL	1	U15	0304-00803-0052
0304-00800-0001	LM359	2	U2,U3	0304-00803-0053
0307-00800-0010	MC3340	1	U1	0304-00803-0002
0307-00800-0009	RAM 2KX8	2	U6,U16	0304-00803-0057
0986-00800-3000	ROM/EPROM	1	U7	0A27-00803-0012
0307-00800-0008	ROM/EPROM	1	U8	0A27-00803-0014
0358-00800-0002	ROM/EPROM	1	U17	0A27-00803-0013
0304-00800-0002	ROM/EPROM	1	U18	0A27-00803-0015
0307-00800-0007				
0986-00800-2200	FERRITE BEAD	4	FB1,FB2,FB101, FB102	0316-00804-0002
0307-00800-0004	8 PIN IC SOCKET	1	ICS U15	0986-00804-3600
	16 PIN IC SOCKET	2	ICS U10,U15A	0986-00804-1400
0986-00800-0700	24 PIN IC SOCKET	2	ICS U6,U16	0986-00804-1600
0307-00800-0005	28 PIN IC SOCKET	4	ICS U7,U8,U17, U18	0986-00804-3900
0307-00800-0003				
0307-00800-0006	40 PIN IC SOCKET	1	ICS U9	0986-00804-1500
	64 PIN IC SOCKET	1	ICS U5	0307-00804-0001
100E-00005-0033				
100E-00005-0039	AUTO INSERT PIN	8	J1	0304-00804-0009
100E-00005-0048	TIN .025 SQ			
100E-00005-0061	AUTO INSERT PIN	11	J3	0304-00804-0009
100E-00005-0071	TIN .025 SQ			
100E-00005-0074	AUTO INSERT PIN	11	J2	0304-00804-0010
100E-00005-0079	TIN .045 SQ			
100E-00005-0088	ZERO OHM RES	3	JW1-JW3	0986-00804-4000
100E-00005-0093	GREEN LED	1	LED 1	0360-00804-0015
100E-00005-0097				
100E-00005-0100	SWITCH PC MTG	1	SW1	0986-00804-3100
100E-00005-0104				
100E-00005-0112	16 MHZ XTAL OSC	1	Y1	0304-00804-0008
100E-00005-0115				
100E-00005-0118	1/4" SPACER FOR	4	MH1-MH4	0017-00042-0320
100E-00005-0120	#8 SCREW			
100E-00005-0121				
100E-00005-0128	PC BOARD	1		A080-91671-D000
100E-00005-0133				
100E-00005-0134				
103E-00003-0009				
104E-00007-0003				
0304-00803-0060				
0304-00803-0059				
0304-00803-0058				
0304-00803-0061				
0304-00803-0056				
0304-00803-0054				
0304-00803-0051				
0304-00803-0055				

DESIGN ENG: C. MEDNICK			USED ON		REVISIONS	
DONOT SCALE DWG			SCALE FULL		NO. REQ'D 1 PER	
TOLERANCES UNLESS OTHERWISE SPECIFIED			HEAT TREAT		MATERIAL	
DRN: <i>RLW</i>			FINISH		PART NO.	
CKD:			CHEAP SQUEAK DELUXE ASSEMBLY DWG. A080-91671-D000		M051 - 00304 - D016	
DATE 11/08/83						