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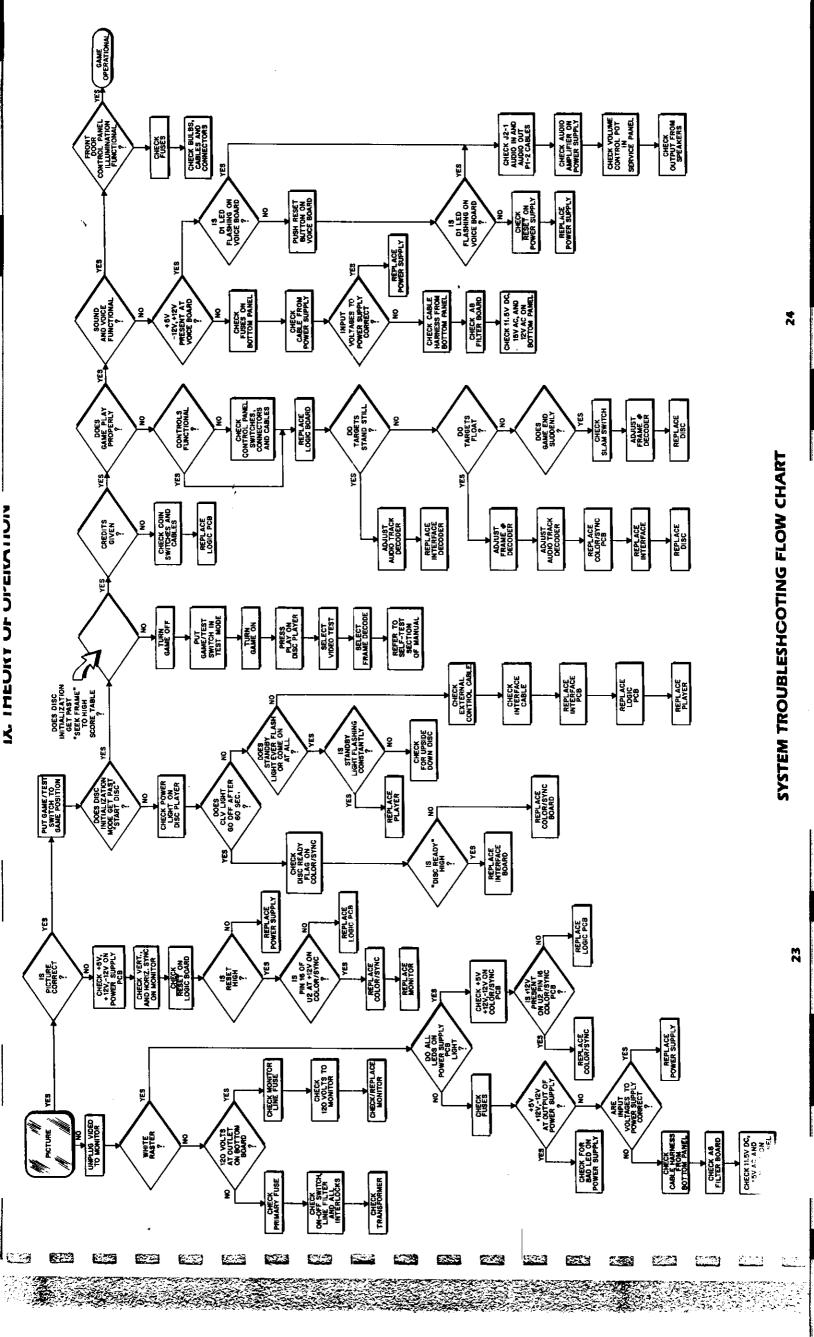
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LOGIC BOARD ASSY. (A1), PARTS LIST

INTEGRATED CIRCUITS

REFERENCE	DESCRIPTION	PART NO.	REFERENCE	DESCRIPTION	PART NO.
	Logic Board Assy.	MA-498	M7	74157 Quad 2-input multiplexer	XO-114
Al .	8284 CLK Driver	XO-478	M8	74LS74 Dual D-type flip flop	XO-434
AZ	74L502 Quad 2-input "NOR" gate	XO-428	M9	74S157 Quad 2-input multiplexer	XO-124
A3	74161 Synchronous 4-bit counter	XO-192	M10	74LS245 Octal bus transceiver	XO-79
A7	74LS02 Quad 2-input "NOR" gate	XO-428	MII	74LS374 Octal D-type flip flop	XO-96
A8, A9, A10	74LS273 8-bit register	XO-94	M12	74LS157 Quad 2-input multiplexer	
BI	9088 CPU	XO-490	M13, M14, M15	7489 64-bit RAM	XO-88
B3	74LS373 Octal D-type flip flop	XO-445	M16, M17	74LS174 Hex D-type flip flop	XO-442
B4	74LS367 Hex 3-state buffer	XO-444	NI, N2, N3,	74S189 64-bit RAM	XO-89
B5	74LS08 Quad 2-input "AND" gate	XO-86	N4		
B6 ·	74HC138 1 of 8 decoder	XO-190	N5, N6	745161 Synchronous presettable	XO-488
B7	74LS139 Dual 1 of 4 decoder	XO-419		binary counter	
B8, B9, B10	74LSI38 1 of 8 decoder	XO-437	N7, N8, N9	74LS157 Quad 2-input multiplexer	XO-390
B11, B12, B14	74LS240 Octal buffer/line driver	XO-91	NIO	F	
E3	74LS373 Octal D-type flip flop	XO-445	NII	74LS260 Dual 5-input "NOR" gate	XO-93
E4	74LS245 Octal bus transceiver	XO-79	NI2	74LS298 Quad 2-port register	XO-118
E5 RAMO	HM6116LP-4 2K x 8 SRAM	XO-191	NI3	74LS157 Quad 2-input multiplexer	
E6 RAMI	HM6166LP-4 2K x 8 SRAM	XO-191	NI4	74LS00 Quad 2-input	XO-427
E7 RAM2	HM6116P-4 2K x 8 SRAM	XO-195		"NAND" gate	
E8 RAM3	HM6116P-4 2K x 8 SRAM	XO-195	NI5	74LS30 8-input "NAND" gate	XO-432
E11 ROMO	2764-3 8K x 8 EPROM	XO-489	NI6, NI7	74LS86 Quad 2-input	XO-435
E13 ROMI	2764-3 8K x 8 EPROM	XO-489		"Exclusive-OR" gate	
E14 ROM2	2764-3 8K x 8 EPROM	XO-489	S1, S2, S3,	74L189 64-bit RAM	XO-89
G1	74LS139 Dual 1 of 4 decoder	XO-419	S4, S5, S6		
G2, G3. G4	74157 Quad 2-input multiplexer	XO-114	\$7	74LS04 Hex inverter	XO-418
G5, G6, G7	•		\$8	74LS32 Quad 2-input "OR" gate	XO-433
G8, G9, G10			59	7408 Quad 2-input "AND" gate	XO-404
GII	74LS374 Octal D-type flip flop	XO-96	S10, S11	93422 256 x 4 Bipolar RAM	XO-100
G12	74LS244 Octal buffer/line driver	XO-117	S12	74LS02 Quad 2-input "NOR" gate	
G13	74LS157 Quad 2-input multiplexer	XO-390	\$13	74LS74 Dual D-type flip flop	XO-434
G15	74LS86 Quad 2-input	XO-435	S14	7407 Hex buffer/driver	XO-384
	"Exclusive-OR" gate		S15	74LS30 8-input "NAND" gate	XO-432
G16	74LS283 4-bit binary full adder	XO-95	S16, S17	74S161 Synchronous presettable	XO-488
G17	74S161 Synchronous presettable	XO-488		binary counter	
	binary counter		TI, T2, T3	74LS379 Quad D-type flip flop	XO-98
H1, H2, H4	93419 64 x 9 bipolar RAM	XQ-99	T4 FGO	2764-3 8K x 8 EPROM	XO-489
H5	74LS283 4-bit binary full adder	XO-95	T5 FGI	2764-3 8K x 8 EPROM	XO-489
H6	74LS30 8-input "NAND" gate	XO-432	T6 FG2	2764-3 8K x 8 EPROM	XO-489
H7	4801AN-3 1K x 8 RAM	XO-193	T8 FG3	2764-3 8K x 8 EPROM	XO-489
H8, H9	74LS245 Octal bus transceiver	XO-79	T9, T10, T11	74LS157 Quad 2-input multiplexer	XO-390
H10	4801AN-3 1K x 8 RAM	XO-193	π2	74LS260 Dual 5-input "NOR" gate	XO-93
HI2 BGO	2732A 4K x 8 EPROM	XO-485	T13	74LS32 Quad 2-input "OR" gate	XO-433
H13 BGI	2732A 4K x 8 EPROM	XO-485	T14	74LS08 Quad 2-input "AND" gate	XO-86
Hī5	74LS86 Quad 2-input	XO-435	T15	74LS04 Hex inverter	XO-418
	"Exclusive-OR" gate		T16	74LS20 Dual 4-input	XO-430
H16	74LS273 8-bit register	XO-94		"NAND" gate	
H17	74LS20 Dual 4-input "NAND" gate	XO-430	T17	74S161 Synchronous presettable binary counter	XO-488
K5	74LS283 4-bit binary full adder	XO-95	V4, V5, V6,	74LS166 8-bit shift register	XO-391
K6	74LS32 Quad 2-input "OR" gate	XO-433	V4, V3, V0, V7		
KI5	74LS04 Hex inverter	XO-418	√9, √10	74LS74 Dual D-type flip flop	XO-434
KI6	745161 Synchronous presettable	XO-488	VII	74LS20 Dual 4-input "NAND" gate	
	binary counter	7.00 IOO	V12	74LSi61 Synchronous presettable	XO-440
K17	74LS86 Quad 2-input	XO-435	7.2	binary counter	70-110
****	"Exclusive-OR" gate		V14	74\$74 Dual D-type flip flop	XO-87
MI, M2, M3	74LS157 Quad 2-input multiplexer	XO-390	¥*1	(T.I. only)	~~ 3/
M4, M5			V15	74\$157 Quad 2-input multiplexer	XO-124
M6	74LS161 Synchronous presettable binary counter	XO-440	VI6	74S04 Hex inverter	XO-400

5 4 **1**0 θ 60 þ θ θ θ θ θ θ X. WIRING AND SCHEMATIC DIAGRAMS, PARTS LISTS θ θ θ O θ θ LOGIC BOARD ASSY. (A1), COMPONENT LOCATION θ θ θ θ θ 1748 (<u>)</u> (<u>)</u> 8 (:) 0 θ Ø 8 θ **†** θ θ θ ш **†** θ E14 POM 2 E18 Fig. 9* ܣ θ θ ффф θ θ **负负负负负负负负负负负负负负负负负** BATT 5 9



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X. WIRING AND SCHEMATIC DIAGRAMS, PARTS LISTS

LOGIC BOARD ASSY. (A1),

_		PART NO.	XO-505 XO-505	XO-230	XO-212	062-OX		X -5 -8		XO-229		XO-127	265
PARTS LIST (CONT.)	MISCELLANEOUS ELECTRONIC COMPONENTS	DESCRIPTION	Battery, 3.6V Dio Switch	Capacitor, 0.1UF, 50V AX, CR. +8094-20%	Capactor, 100UF, 25V EL-AX	Capaditor, 0.IUF, 50V AX. CR. +80%-20%	Capacitor, 100PF, 100V CMD, 5%	Capacitor, 0.1UF, 100V CMD, 5%		.01UF, 50V AX. CR. +80%-20% XO-229		IOUF, 25V AX, TANT 10%	AL. 4. (8.1847.4
PAR	MISCE	REFERENCE	BATT. BI3	CHCI8	Ö	*C)(C)	ð	C\$2	ALL UNMARKED	CAPACITORS	ALL UNMARKED POLARIZED	CITORS	

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5 W

Res.

NOR 9-476

POLARIZED		
CAPACITORS		Š Š
02. 03	Clode, IN4454	2 9
180		% 0
8	Header Conn., 26 Pin	×
110, 311	Phono Jack, Right Angle	Š
219.99	Header Corn., 2 Pin Stick	X0-123
JP31, JP32	Header Corn., 2 Pin Stick	Š
	Tinplate Jumper, Blue Plastic Cover	r XO-122
ð	Transistor, 2N6044	2 0 0
081-087	Transistor, MPS-A70	Š
RI-R17	Resistor, 470 OHM, 5% 1/W	×-35
R-25		ă
R3I-R34	Resistor, IX OHM, 5% 14W	Š
R37		Š
0	270 OHM.	Š
R41, R42		Š 2
RM4, RM5		Š
PSI, R52	Resistor, 330 OHM, 5% WV	Š
R53, R56	Resistor, 1K OHM, 5% WW	Š
R57, R58	Resistor, 560 OHM, 5% WW	Š
R59-R63	Resistor, 1K OHM, 5% %W	Š
R69-R71	Resistor, 1K OHM, 5% 14W	Ř
R73, R74	Resistor, IK OHM, 5% ¼W	Š
R76-R90	ĭ	Š
2 2	Resistor, 820 OHM, 5% WV	Š Š
RB2	Resistor, 100 OHM, 5% 14W	œ Q
R83, R84	Resistor, 15 OHM, 5% WW	Š
885		Š Š
R86. R87	Resistor, 15 OHM, 5% AW	<u> </u>
888	Resistor, 180 OHM, 5% ¼W	× 0
R89, R90	Resistor, 15 OHM, 5% WW	Š
Ē	Resistor, 180 OHM, 5% ¼W	* Q
892	Resistor, IK OHM, 5% WW	Š
R93	Resistor, 2K OHM, 5% xW	Š
ŧ	Resistor, IK OHM, 5% xW	Š
563		Š

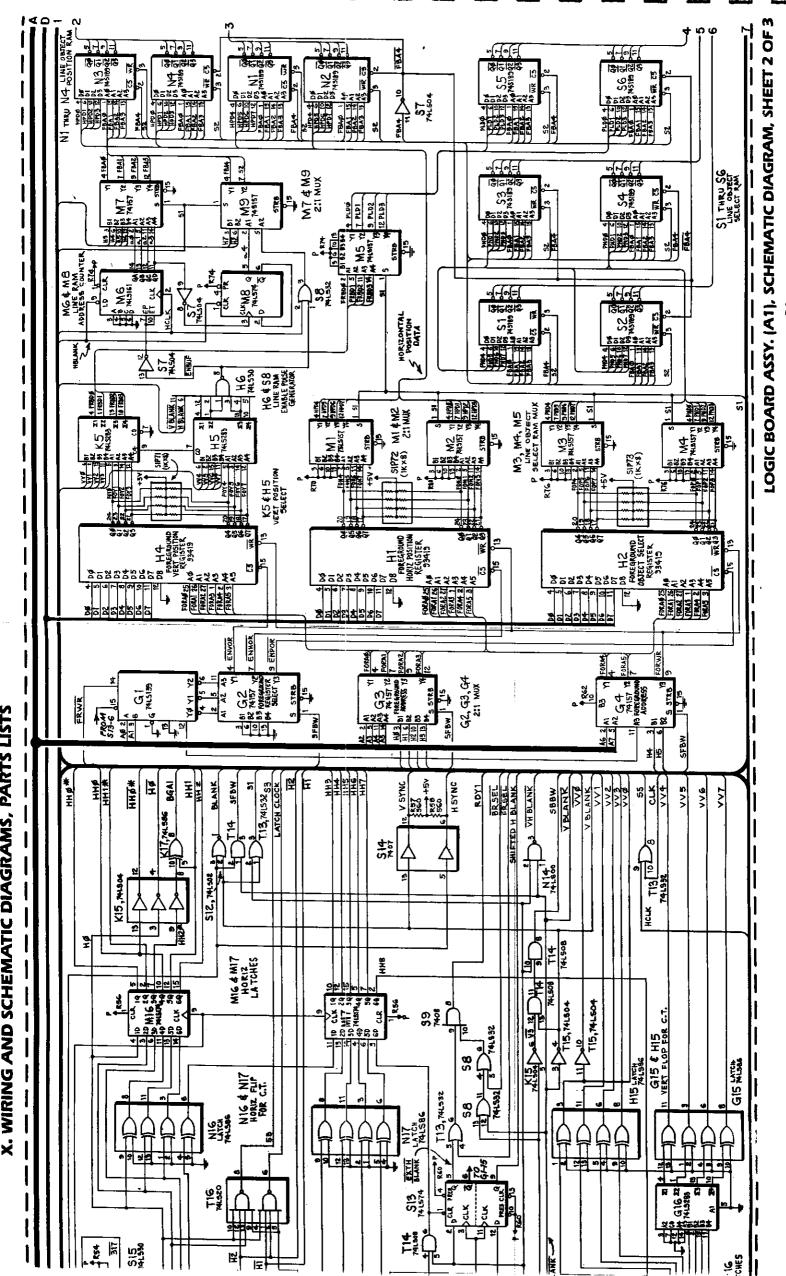
Resistor, 470 OHM, 5% www
Resistor, 20 OHM, 5% www
Resistor, 18 OHM, 5% www
Resistor, 18 OHM, 5% www
Resistor, 18 OHM, 5% www
Resistor, 240 OHM, 5% www
Resistor, 240 OHM, 5% www
Resistor, 240 OHM, 5% www
Resistor, 470 OHM, 5% www
Resistor, 640 OHM, 5% www
Resistor, 640 OHM, 5% www
Resistor, 780 OHM, 5% www
Resistor, 80 OHM, 5% www
Resistor, 80 OHM, 5% www
Resistor, 80 OHM, 5% www
Cystal, 15 MHZ
Cystal, 20 MHZ
Cystal, 20 OHMZ
Cys

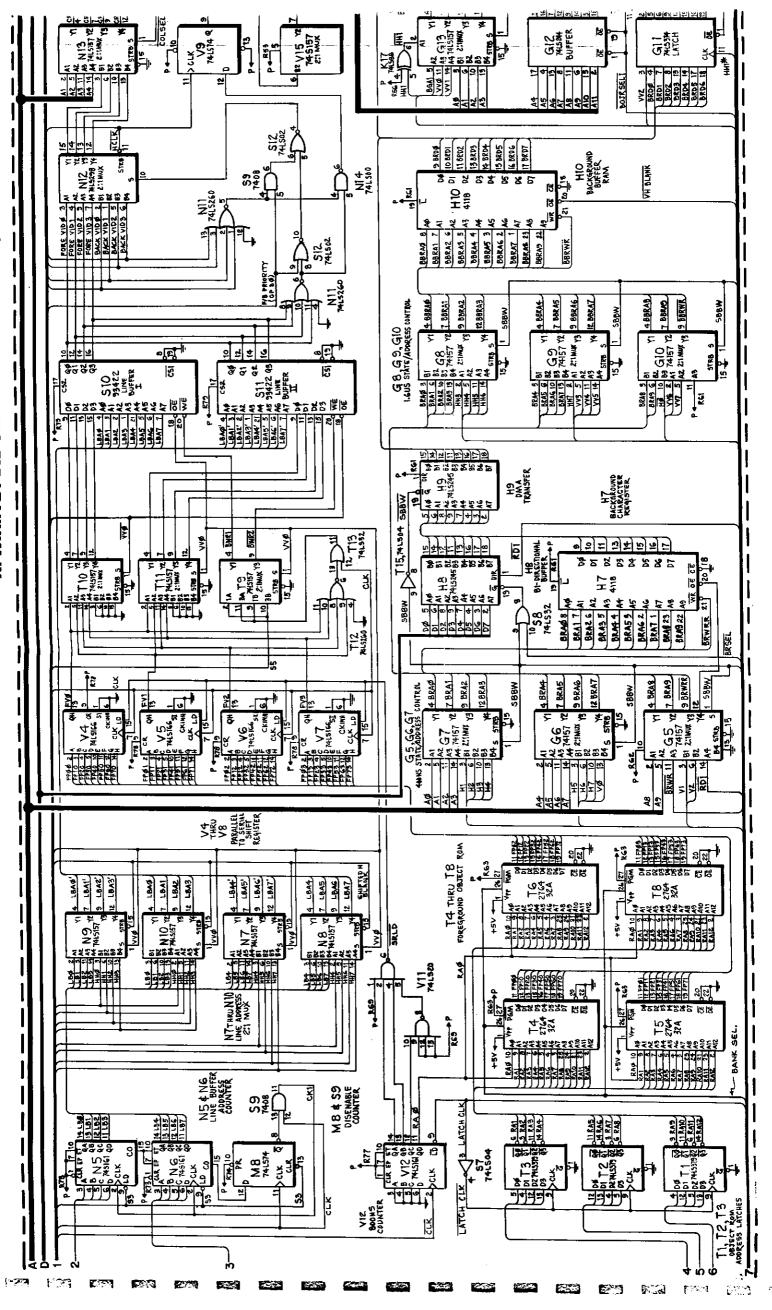
30

91P1 70 PG-13 +6V BENSE . TO P6-21 COIN RETURN N SEC

36 CB 278 E + TO P4/P5-9 1/0 SEL N E13 2764 PROGRAM MÉMORY 8 F 4825 4.0% 4.44 4.44 RD1 ľó 円 で で 4 4 4 4 18 9-54/40 at + E16 2764 HE SELECTION OF THE SEL 111111 ADDRESS BUS 7 801 95 10/M ALE 8688888 808888 808888 8088 8088 8088 80888 80888 80888 80888 80888 80888 80888 80888 80888 80888 80888 80888 80888 80888 80886 N N 12 24 INTA 30 HLDA 550 Ž 50 47-5d/4d 01 4-70 P6-20 70 P6-18 70 P6-13

m

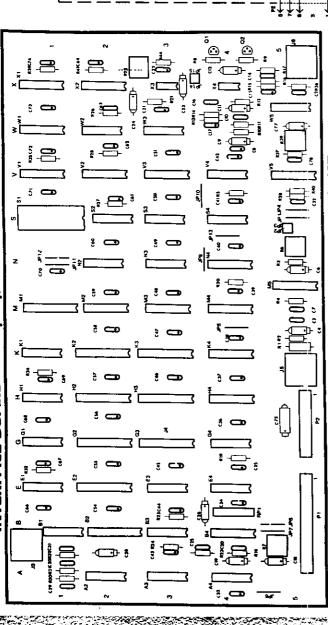


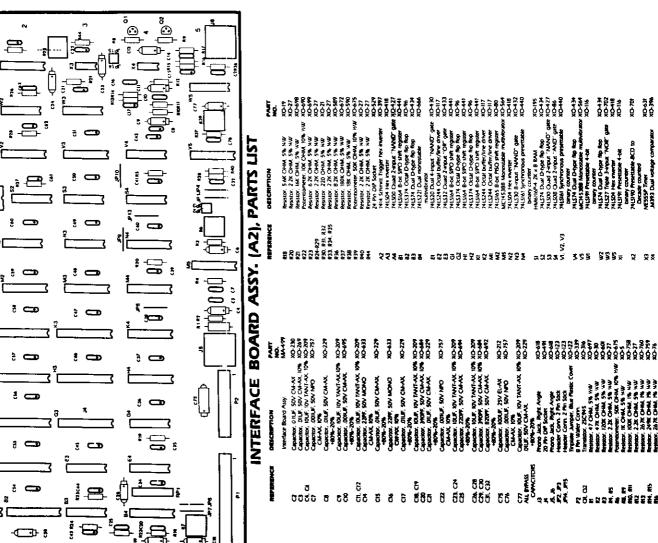


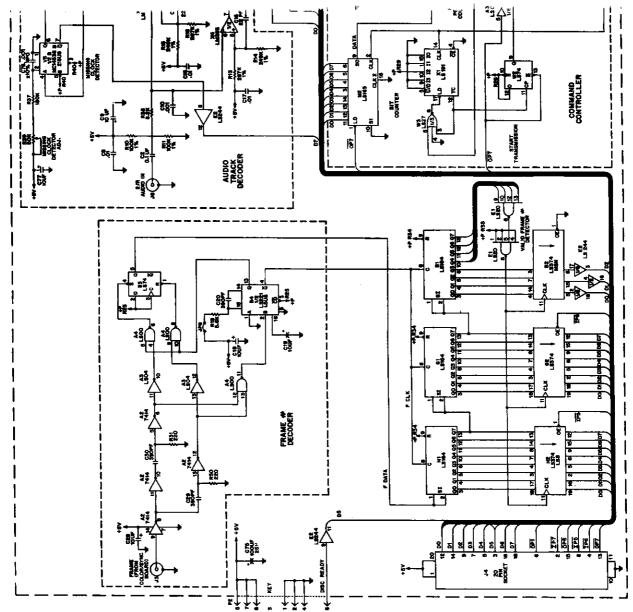
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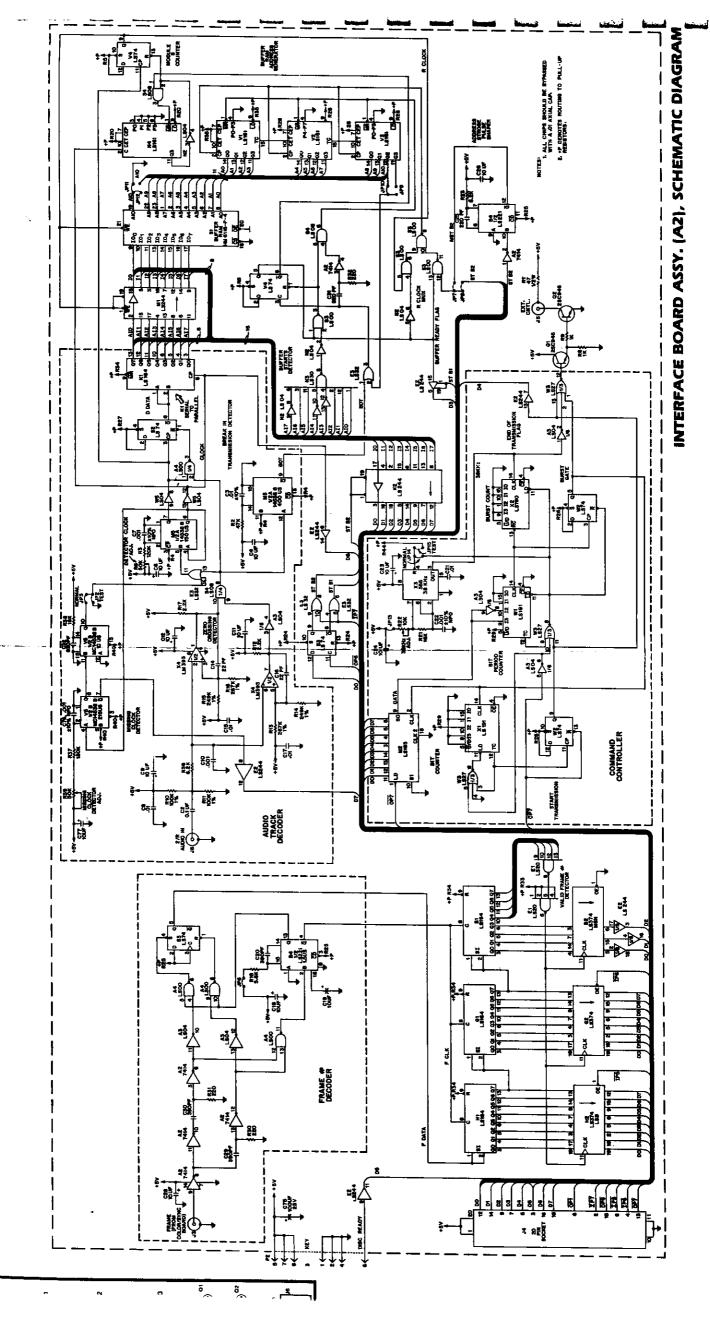
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INTERFACE BOARD ASSY. (A2), COMPONENT LOCATION



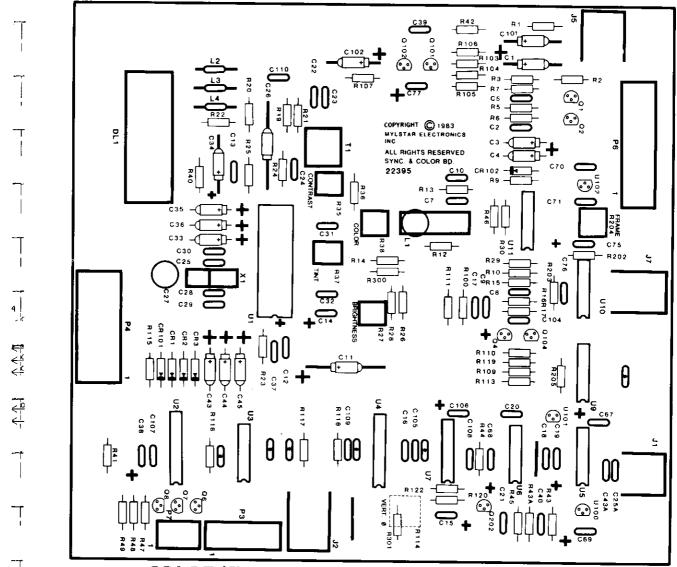






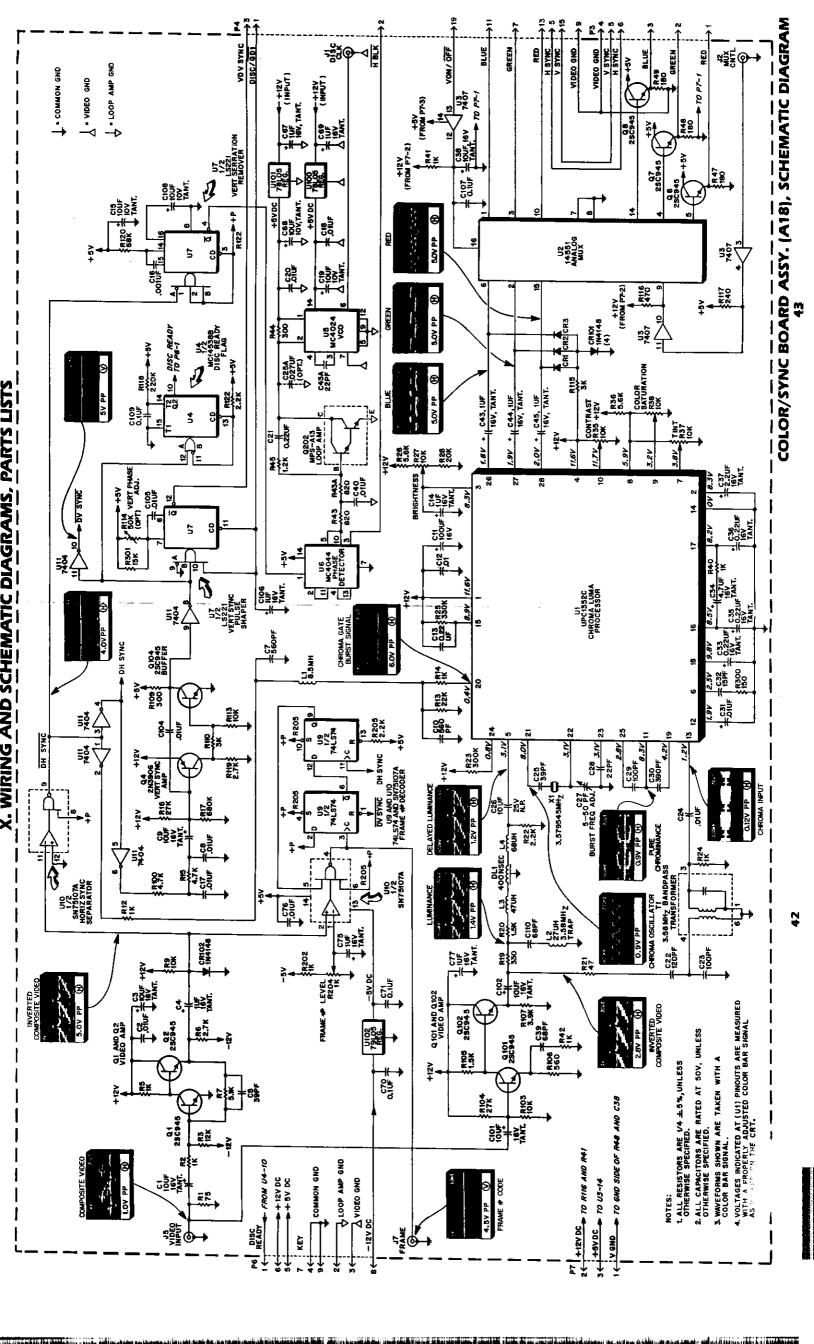
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X. WIRING AND SCHEMATIC DIAGRAMS, PARTS LISTS COLOR/SYNC BOARD ASSY. (A18), COMPONENT LOCATION

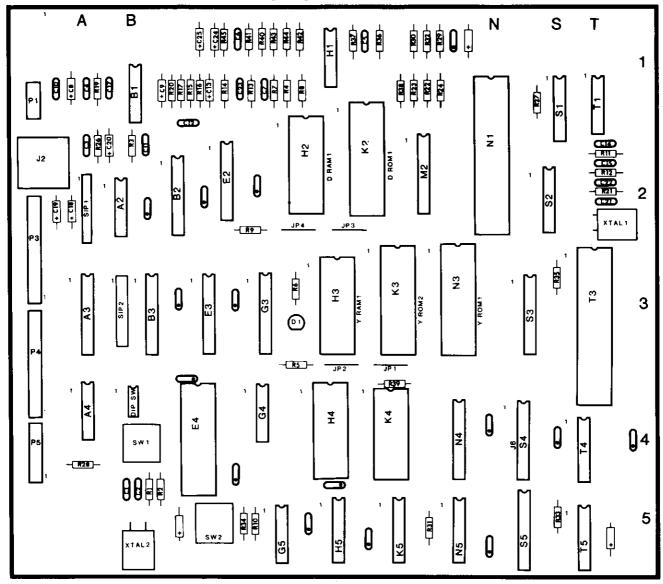


COLOR/SYNC BOARD ASSY. (A18), PARTS LIST

					•		-	·	
	REFERENCE	DESCRIPTION	PART NO.	REFERENCE	DESCRIPTION	PART NO.	REFERENCE	DESCRIPTION	PART NO.
	CI, C3, C9,	Color/Sync Board Assy. Capacitor, 10UF, 16V TANT-AX	MA-497 XO-749	CRI, CR2, CR3, CR101, CR102	Diode, 1N4148	XO-261	R27, R35, R37,	Potentiometer, 10K OHM, 5% 1/4W	XO-674
	C38, C101, C102		AU-747	DLI	Detection 4000m		R38		
i	C2, C8, C12,	Capacitor, .01UF, 50V AX-CR.	XO-229	Jt. J2	Delay Line, 400NS	XO-654	R28	Resistor, 20K OHM, 5% 1/4W	XO-41
	C17, C18, C20,	+80%-20%	AU-227	JS, J7	Phono Jack, Right Angle	XO-618	R43, R43A	Resistor, 820 OHM, 5% 14W	XO-174
	C24, C31, C40.	00.020.0		35, 37 L1	DE Chaire O.S. Ann.		R44, R109	Resistor, 300 OHM, 5% 1/4W	XO-671
	C76, C104, C105			12	RF Choke, 8.5 MH	XO-659	R45	Resistor, 1.2K OHM, 5% 1/4W	XO-175
- 1		. Capacitor, IUF, 16V TANT-AX,	XO-753	3	Inductor, 27UH, 10%	XO-658	R47, R48, R49	Resistor, 180 OHM, 5% 1/4W	XO-24
1	C67, C69, C75,	20%	XO-733	14	Inductor, 47UH, 10%	XO-657	R106	Resistor, 560 OHM, 5% 1/4W	XO-36
'	C77, C106	20.0		P3	Inductor, 68UH, 10%	XO-656	R107	Resistor, 3.9K OHM, 5% 1/4W	XO-39
	C5, C25	Capacitor, 39PF, 50V CM-AX	XO-334	P4	6 Pin Wafer Conn.	XO-373	RI10, R115	Resistor, 3K OHM, 5% 1/4W	XO-23
	C7, C10	Capacitor, 560PF, 50V CM-AX	XO-681	P6	Header Conn., 26 Pin	XO-651	RI12, RI16	Resistor, 470 OHM, 5% ¼W	XO-35
		10%	AC-061	P7	9 Pin Wafer Conn.	XO-375	R117	Resistor, 240 OHM, 5% 1/W	XO-173
- 1	CII	Capacitor, 100UF, 16V ELEC-AX	XO-755	Q1, Q2, Q6,	3 Pin Wafer Conn.	XO-703	RIIB	Resistor, 220K OHM, 5% 1/4W	XO-594
- 1	C13, C21	Capacitor, .22UF, 50V CM-AX.	XO-688	Q7, Q8, Q101,	Transistor, 2SC945, NPN	XO-316	R120	Resistor, 68K OHM, 5% 14W	XO-189
F	•	20%	AO-060	QI02, QI04			R204	Potentiometer, 1K OHM, 10% 1/2W	XO-756
	C15, C19, C68,	Capacitor, 10UF, 10V TANT-AX.	XO-209	Q4	Total Company and		R300	Resistor, 150 OHM, 5% WW	XO-574
	C108	10%	AO-207	O202	Transistor, 2N3906, PNP	XO-588	R301	Resistor, ISK OHM, 5% 1/4W	XO-22
-	Cl6	Capacitor, .001UF, 50V NPO	XO-757	R1	Transistor, MPS-A13, NPN	XO-304	TI	Transformer, 3.58 MHz Bandpass	XO-655
		CM-AX, 10%	XO-737	R2, R5, R12,	Resistor, 75 OHM, 5% 1/4W	XO-667	UI	UPC1352C Chrominance and	XO-650
i	C22	Capacitor, 120PF, 50V CM-AX.	XO-682		Resistor, 1K OHM, 5% 1/4W	XO-5		Luminance processor	
i	_	10%	AO-002	R14, R24, R41, R42, R202			U2	MC14551 Quad 2-input multiplexor	XO-660
	C23, C29	Capacitor, 100PF, 50V CM-AX,	XO-680	R42, K2U2 R3	B		LJ3	7407 Hex buffer/driver	XO-384
		10%	AC-060	R6, RH9	Resistor, I2K OHM, 5% WW	XO-9	U4	MC14538B Monostable	XO-564
	C26	Capacitor, 10UF, 25V AX-	XO-750	RD, KI19 R7	Resistor, 2.7K OHM, 5% 1/4W	XO-6		multivibrator	
		Non Polarized	AC-730	R9, R103, R113	Resistor, 5.1K OHM, 5% 1/4W	XO-40	U5		XO-446
. !	C27	Capacitor, Trimmer, 5-50PF CM	XO-653	R13	Resistor, 10K OHM, 5% 1/W	XO-I8		multivibrator	
I	C28. C43A	Capacitor, 22PF, 50V CM-AX, 10%		RI5, RI00	Resistor, 22K OHM, 5% 1/4W	XO-42	U6	MC4044 Phase-frequency detector	XO-447
	C30	Capacitor, 390PF,50V CM-AX,10%	XO-684	R16, R104	Resistor, 4.7K OHM, 5% 1/4W	XO-7	U7	74LS221 Dual Monostable	XO-666
	C32	Capacitor, 15PF, 50V CM-AX, 10%		RIO, KIU-	Resistor, 27K OHM, 5% 1/4W	XO-II		multivibrator	
	C33, C35, C36	Capacitor, 22UF, 16V TANT-AX,		RI9	Resistor, 680K OHM, 5% 1/4W	XO-669	LIFO	74LS74 Dual D-type flip flop	XO-434
•		20%	AO-732	R20. R105	Resistor, 330 OHM, 5% 1/4W	XO-34	UIO	75107A Dual line receivers/drivers	
- 1	C34	Capacitor, 4.7UF, 16V TANT-AX	XO-754	R20, R105	Resistor, 1.5K OHM, 5% 1/4W	XO-20	UN	7404 Hex inverter	XO-402
,	C37	-	XO-751	R22, R122, R205	Resistor, 47 OHM, 5% WW	XO-50	U100, U101	78L05 Positive 5VDC regulator	XO-662
		20%	AC-731	R23	Resistor, 2.2K OHM, 5% WW	XO-27	U102		XO-661
	C39, C110	Capacitor, 68PF, 50V CM-AX, 10%	ACYCA.	R25	Resistor, 300K OHM, 5% 1/W	XO-670	XI	Crystal, 3.579 MHz	XO-456
	C70, C71, C107,	Capacitor, 0.IUF, 50V CM-Bypass		R26. R36	Resistor, 330K OHM, 5% WW	XO-47		28 Pin DIP Socket	XO-536
	C109	Coprocior, S.I.S., 50 V Civi-bypess	VO-730	R20, R30	Resistor, 5.6K OHM, 5% WW	XO-19			



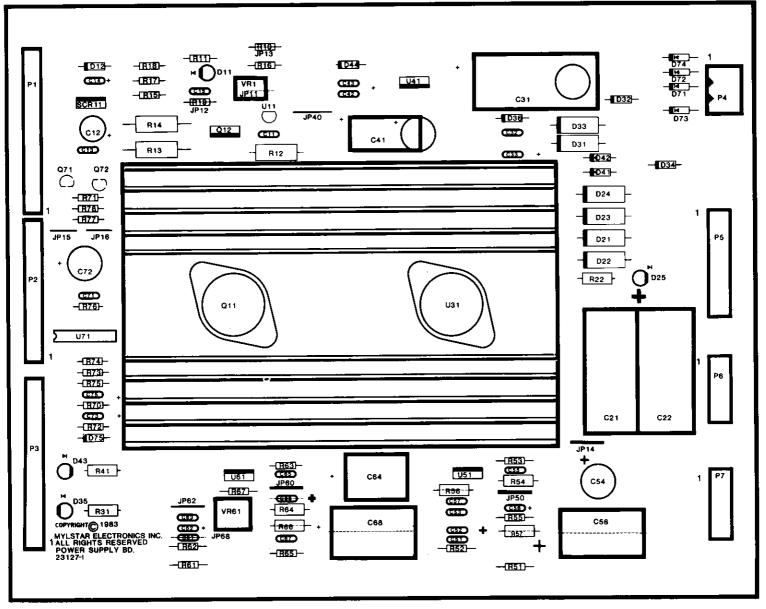
X. WIRING AND SCHEMATIC DIAGRAMS, PARTS LISTS SOUND BOARD (A6) COMPONENT LOCATION



SOUND BOARD (A6) PARTS LIST

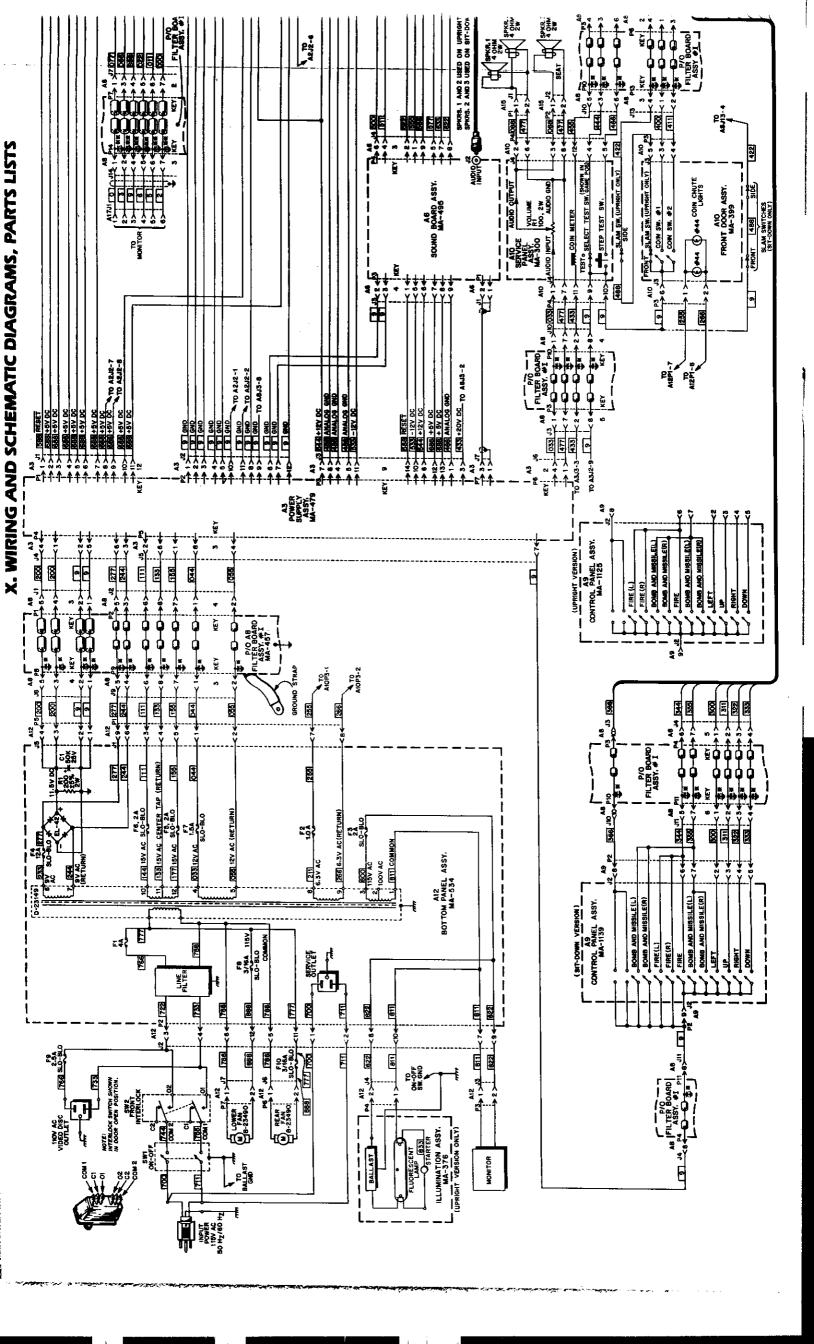
REFERENCE	DESCRIPTION	PART NO.	REFERENCE	DESCRIPTION	PART NO.
	Sound Board Assy.	MA-495	R6	Resistor, 240 OHM, 5% 1/4W	XO-173
C1, C2	Capacitor, 22PF, 50V MONO	XO-633	R11, R12	Resistor, 470 OHM, 5% WW	XO-35
C3, C21	AX-CM, 10% Capacitor, 0.1UF, 50V MONO	XO-637	R14 R15, R20	Resistor, 6.8K OHM, 5% 14W Resistor, 1.2K OHM, 5% 14W	XO-8 XO-175
C3, C21	AX-GL	XU-037	R16, R17, R19,	Resistor, IOK OHM, 5% WW	XO-173
C5, C6	Capacitor, .01UF, 50V MONO AX-GL 10%	XO-747	R26, R29, R30, R32, R37, R38,	Resident for Chillip St. 74	7.0 .0
C7, C17, C23	Capacitor, IUF, 50V CM-RD Non-Polarized	XO-294	R40-R44 R36, R45	Resistor, 33K OHM, 5% ¼W	XO-43
C8, C9, C10	Capacitor, IOUF, 25V	XO-127	SIP1, SIP2	Resistor Pack, Sip. 1K OHM, 9 Pin	XO-493
CIB. C19. C24.	TANT-AX. 10%	AO-127	SW1, SW2	Switch, Push Button, N.O.	XO-365
C25			XTALI	Crystal, 4.0 MHz	XQ-366
CII	Capacitor, 10PF, 50V AX-CM,	XO-635	XTAL2	Crystal, 3.12 MHz	XO-639
•	+80%-20%			24 Pin DIP Socket	XO-529
C13, C20	Capacitor, 1UF, 50V TANT-AX	XO-217		28 Pin DIP Socket	XO-536
C14	Capacitor, 68PF, 50V MONO	XO-636		40 Pin DIP Socket	XO-530
	AX-CM, 10%		A2	7430 8-input "NAND" gate	XO-643
C15	Capacitor, .047UF, 50V MONO	XO-638	A3, B2	74LS373 Octal D-type flip flop	XO-445
	AX-CM, 20%		A4	74LS74 Dual D-type flip flop	XO-434
ALL UNMARKED			81, H1	LM324 Quad op-amp	XQ-644
CAPACITORS	0.1UF, 50V CM-AX	XO-230	83	74LS244 Octal buffer/ fine driver	XO-117
ALL UNMARKED			E2	AD7528J DAC	XO-674
POLORIZED			E3, G3, N4, S5	74LS374 Octal D-type flip flop	XO-96
CAPACITORS	IOUF, 25V TANT-AX, 10%	XO-127	E4	SP0250 Speech generator	XO-645
DI	Diode, MV5752	XO-270	G4, TI	74LS04 Hex inverter	XO-418
DIP SW	DIP Switch, 4 Position, 8 Pin	XQ-640	G5	74L508 Quad 2-input "AND" gate	XO-86
J2	Phone Jack	XO-744	H2, H3	4801 1K x 8 SRAM	XO-193
PI	3 Pin Wafer Conn.	XO-703	H4, K4	AY-3-8913 Sound generator	XO-646
P3, P4	9 Pin Wafer Conn.	XO-375	H5, K5, N5,	74161 Synchronous presettable	XO-192
RI	Resistor, IOM OHM, 5% 14W	XO-73	St, T 5	binary counter	
R2, R5, R9,	Resistor, IK OHM, 5% 1/4W	XO-5	K2, K3, N3	2732A 4K x 8 EPROM	XO-485
RIQ, R27, R28, R3	31,		N1, T3	R6502-13 CPU	XO-360
R33-R35, R39			N2. S3	74LS245 Octal bus transceiver	XO-79
R3, R13	Resistor, 4.7K OHM, 5% WW	XO-7	\$2	74LS139 Dual 1 of 4 decoder	XO-419
R4, R7, R8, R22-R24	Resistor, 68 OHM, 5% 4W	XO-748	T4	74LS138 I of 8 decoder/ demultiplexor	XQ-437

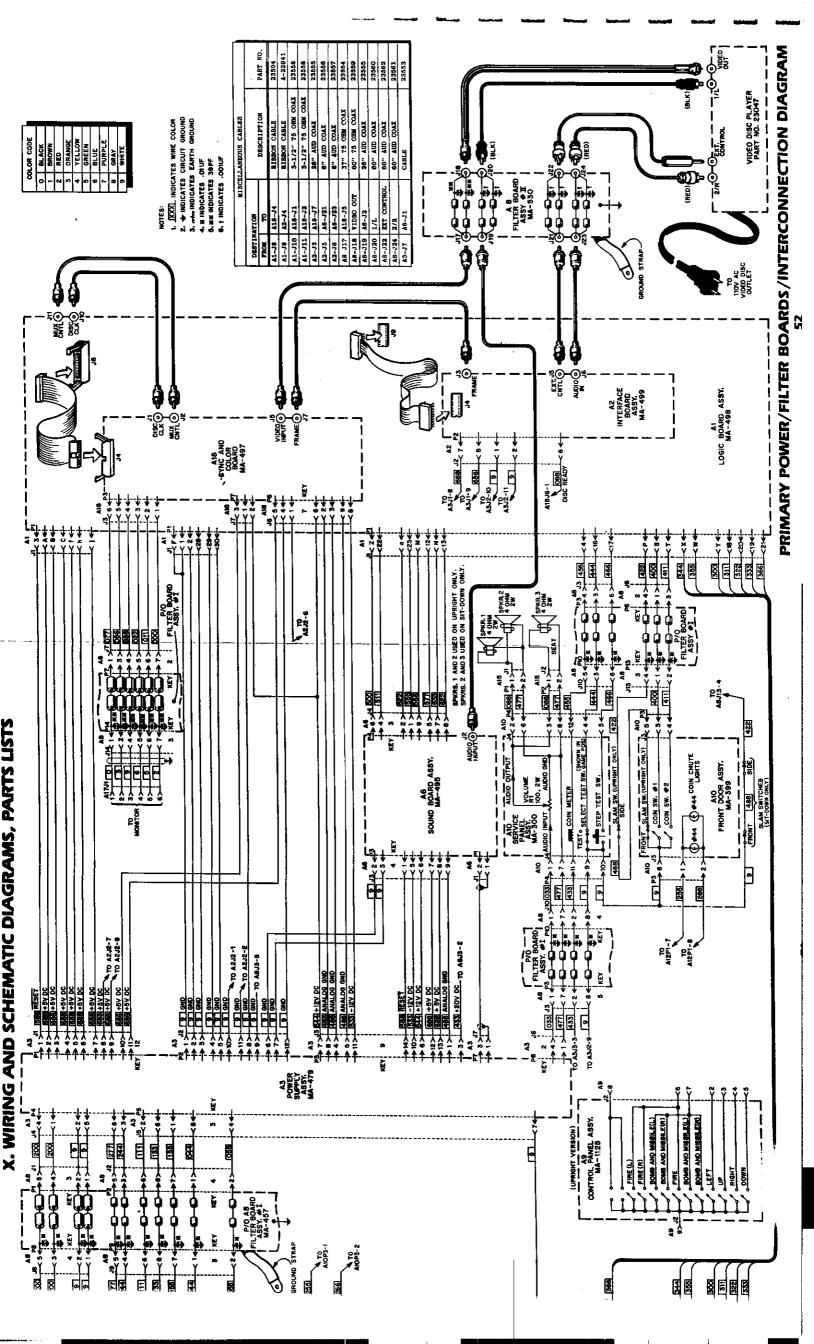
X. WIRING AND SCHEMATIC DIAGRAMS, PARTS LISTS POWER SUPPLY ASSY. (A3), COMPONENT LOCATION



POWER SUPPLY ASSY. (A3), PARTS LIST

REFERENCE	DESCRIPTION	PART NO.	REFERENCE	DESCRIPTION	PART NO.
	Power Supply Assembly	MA-479	R 12	Resistor, 100 OHM, 5%, 1W	XO-137
C11, C32, C42,	Capacitor, .01UF, 50V	XO-229	R13, R14	Resistor, 12 OHM, 5%, 3W	XO-138
C55, C71			R15	Resistor, 200 OHM, 5%, ¼W	XO-143
C12	Capacitor, 100UF, 16V	XO-235	R17, R52, R53	Resistor, 100 OHM, 5%, ¼W	XO-28
C13, C57	Capacitor, 1UF, 50V	XO-558	R18	Resistor, 20 OHM, 5%, ¼W	XO-29
C14, C33, C43	Capacitor, 22UF, 35V	XO-615	R22	Resistor, 470 OHM, 5%, 1/2W	XO-55
C21	Capacitor, 2200UF, 25V	XO-346	R31, R41	Resistor, 560 OHM, 5%, ¼W	XO-36
C31	Capacitor, 1500UF, 35V	XQ-616	R51	Resistor, 51.1K OHM, 5%, ¼W	XO-40
C41, C54, C72	Capacitor, 470UF, 35V	XO-284	R54	Resistor, 220 OHM, 5%, 1/2W	XO-185
C52, C56	Capacitor, 1UF, 35V	XQ-715	R55	Resistor, 2.2 OHM, 5%, ¼W	XO-595
C58	Capacitor, 1000UF, 25V	XO-218	R56	Resistor, 1 OHM, 5%, ½W	XO-593
C73, C75	Capacitor, 1UF, 35V	XO-614	R70	Resistor, 1K OHM, 5%, ¼W	XO-5
D11, D25,	Diode, Light Emitting MV-5752	XO-270	R71, R73, R77	Resistor, 10K OHM, 5%, ¼W	XO-18
D35, D43			R72	Resistor, 110K OHM, 5%, 1/4W	XO-591
D12	Diode, Zener, 5.6V, IN4734A	XO-255	R74	Resistor, 560K OHM, 5%, 14W	XO-704
D21-D24,	Diode, 1N5401	XO-263	R75	Resistor, 2K OHM, 5%, ¼W	XO-14
D31, D33			R76	Resistor, 4.7K OHM, 5%, ¼W	XO-7
D32, D34, D36,	Diode, 1N4004	XO-254	R78	Resistor, 100 OHM, 5%, 1/2W	XO-52
D41, D42, D44			SCR68-1	Silicon Controlled Rectifier	XO-131
D71-D75	Diode, 1N4148	XO-261	ŲII	Voltage Regulator, Zener TL431	X0-272
QII	Transistor, PNP, 2N5879	XO-323	U31	Voltage Regulator, -12V, LM340K	X0-628
Q12	Transistor, TIP31B	XO-641	U 4 1	Voltage Regulator, -12V, LM320T	X0-613
Q71	Transistor, PNP, 2N3906	X0-588	U51	Audio Amplifier, LM200T	X0-550
Q72	Transistor, NPN, 2N3904	XQ-549	บ 71	IC, CMOS	X0-564
R11, R16	Resistor, 180 OHM, 5%, ¼W	XO-24	∨RI	Potentiometer, 100 OHM	X0-134





XI. PARTS INFORMATION

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XI. PARTS INFORMATION

SPEAKER/MARQUEE ASSY., ILLUMINATION ASSY.

		PART NC.				
ITEM	DESCRIPTION	UPRIGHT	SIT-DOWN			
i.	Illumination Assembly	MA-554	N/A			
2.	Starter	EL-69	N/A			
3.	Ballast (60 Hz)	EL-70	N/A			
4.	Lamp, Fluorescent	LA-4	N/A			
5.	Cable Assembly (Illumination)	MA-563	N/A			
6.	Cable Assemby (Speaker)	MA-318	N/A			
7 .	Speaker	EL-83	N/A			
8.	Speaker Grill	B-20931	N/A			
9.	Illumination Trim	D-23067	N/A			
10.	Marquee, Lexan	23656	N/A			

CONTROL PANEL ASSY.

		PART NO.				
ITEM	DESCRIPTION	UPRIGHT	SIT-DOWN			
1.	Control Panel Assembly	MA-1125	MA-531			
2 .	Control Pod Assembly	N/A	MA-1139			
3.	Lexan Overlay	A-23650	A-23488			
4.	Joystick	23566	23566			
5.	Control Panel Hinge	23621	23486			
6.	Button, Orange	N/A	A-23502			
7.	Button, Yellow	N/A	A-23510			
8.	Button	A-21970	N/A			
9.	Button, Holder & Switch	A-21971	A-23503			
10.	Button Nuts	A-21972	A-21972			
11.	Cable Assembly	MA-560	MA-555			

SERVICE PANEL ASSY.

		PART NO.			
ITEM	DESCRIPTION	UPRIGHT	SIT-DOWN		
1.	Service Panel Assembly	MA-550	MA-300		
2.	Coin Meter	EL-84	EL-84		
3.	Volume Control	XO-199	XO-199		
4.	Switch (Push Button)	EL-57	EL-57		
5.	Switch (Toggle)	A-23506	EL-85		
6.	Cable Assemby	MA-559	MA-539		

BOTTOM PANEL ASSY.

		PA	RT NO.
ITEM	DESCRIPTION	UPRIGHT	SIT-DOWN
1.	Bottom Panel Assembly	MA-534	MA-534
2.	Transformer	D-23149	D-23149
3.	Capacitor, 50,000 UF, 25V	XO-342	XO-342
4.	Resistor, 200 OHM, 5%, 2W	XO-142	XO-142
5.	Bridge Rectifier	EL-42	EL -4 2
6.	Fuse, 1½ AMP, SLO-BLO	EL-34	EL-34
7.	Fuse, 2 AMP, SLO-BLO	EL-7	EL-7
8.	Fuse, 12 AMP	FSI-83	FSI-83
9.	Fuse, 4 AMP, SLO-BLO	EL-33	EL-33
10.	Fuse, 1 AMP, SLO-BLO	EL-6	EL-6
1 1.	Fuse, % AMP, SLO-BLO	EL-37	EL-37
12.	Service Outlet	A-18133	A-18133
13.	Line Filter	EL-50	EL-50
14,	Cable Assembly (Primary)	MA-557	MA-538
15.	Cable Assembly (Secondary)	MA-537	MA-537

XI. PARTS INFORMATION

CABINET PARTS (INTERIOR)

CABINET PARTS (EXTERIOR)

	DESCRIPTION	PART NO.				PART NO.	
ITEM		UPRIGHT	SIT-DOWN	ITEM	DESCRIPTION	UPRIGHT	SIT-DOWN
t.	Back Door	23633	23372	1.	Inside Left Decal	23658	23542
2.	Interconnect Cable	MA-561	MA-543	2.	Inside Right Decal	23659	23543
3.	Cable Assembly, Master	MA-558	MA-544	3.	Inside Rear Decal	23660	N/A
	Electronics			4.	Top Cabinet Decal	23695	23421
4.	Master Electronics Board	MA-1127	MA-1159	5.	Lexan Overlay (Screen)	23696	N/A
5.	Bottom Panel Assembly	MA-534	MA-534	6.	Left Side Decal	23698	N/A
6.	Sound/Speech Board Assembly	MA-495	MA-495	7.	Right Side Decal	23697	N/A
7.	Power Supply Assembly	MA-479	MA-479	8.	Front Cabinet Decal	N/A	23698
8.	Logic Board Assembly	MA-498	MA-498	9 .	Upper Front Cabinet Decal	N/A	23693
9.	Color/Sync Board Assembly	MA-497	MA-497	10.	Top Glass	A-22464	A-23381
10.	Interface Board Assembly	MA-499	MA-499	1 1.	CRT Frame	A-23657	A-23489
1 1.	Filter Board I Assembly	MA-457	MA-457	12.	Monitor Filter Glass	C-22849	23382
1 2.	Filter Board II Assembly	MA-530	MA-530	13.	Monitor Mask	D-22463	D-23513
1 3.	Shield, Top	23619	23495	14.	Monitor Lens	N/A	C-23305
14.	Shield, Bottom	23620	23494	15.	Monitor	C-21981	C-21981
1 5.	Clamp Bracket, Shield	23634	23493	16.	Window	N/A	C-23383
16.	Cable Assembly, High Voltage	MA-556	MA-547	17 .	Marquee	23656	N/A
17.	Cable Assembly, Monitor	A-22620	A-22620	18.	Speaker	EL-83	EL-83
18.	Cable Assembly, Front Door	MA-540	MA-540	1 <i>9</i> .	Speaker Grill	B-20931	B-20931
19.	Cable Assembly, Fan	MA-562	MA-562	20.	Floor Mat	N/A	A-23411
20.	Line Cord	B-23365	B-23365	21.	Interlock Switch	EL-66	EL-66
21.	Cover Plate, Line Cord	A-21955	A-21955	22 .	Cover, Interlock Switch	A-21888	A-21888
22.	Video Disc Player	23047	23047	23.	Leg Adjuster	MH-21	MH-22
23.	Video Disc	23507	23507	24.	Caster	N/A	A-23487
24.	Video Disc Carton (Mailer)	23663	23663	25.	On-Off Switch	EL-102	EL-102
25.	Video Disc Clamp	23688	23552	26.	Switch Plate	A-22396	A-22397
26.	Filter Assembly	23516	23516	27.	Vent Channel (6)	23471	21754
27.	Rear Door Lock	MH-0	MH-0				
28.	Anchor Plate, Lock	MH-I	MH-1				
29.	Fan	B-23490	B-23490				
30.	Plastic Grill	B-23307	B-23307				
31.	Latch (3)	A-21969	A-21969				
32.	Latch Plate (3)	A-23234	A-23234				

FILTER BOARD I

FILTER BOARD II

1127211 507							
REFERENCE	DESCRIPTION	PART NO.	REFERENCE	DESCRIPTION	PART NO.		
A8P1 A8P2 A8P3 A8P4 A8P5 A8P6 A8P7 A8P8 A8P9 A8P10	Filter Board #1 Assy. 6 Pin Wafer Conn. 9 Pin Wafer Conn. 10 Pin Wafer Conn. 8 Pin Wafer Conn. 7 Pin Wafer Conn. 4 Pin Wafer Conn. 6 Pin Wafer Conn. 9 Pin Wafer Conn. 9 Pin Wafer Conn. 10 Pin Wafer Conn.	MA-457 XO-373 XO-375 XO-336 XO-335 XO-369 XO-335 XO-375 XO-375 XO-336	J17-J24	RF Filter Assembly Capacitor, 39PF, 50V, CM-AX Capacitor, .00IUF, 50V, CM-AX Ferrite Bead Jack, Phono	MA-530 XO-334 XO-695 XO-338 XO-744		
A8PII	8 Pin Wafer Conn.	XO-339					
ABP12 ABP13 ABP14	7 Pin Wafer Conn. 4 Pin Wafer Conn. 7 Pin Wafer Conn. Capacitor, 01UF, 50V CM-AX, +80%-20% [38 each] Capacitor, 39PF, 50V CM-AX (6 each) Ferrite Bead [22 each) Ferrite Bead [66 each]	XO-335 XO-369 XO-335 XO-229 XO-334 XO-337 XO-338					

NOTE: FILTER BOARDS ARE THE SAME IN BOTH VERSIONS.