

9/12/78

MATTEL VIDEO GAME SYSTEM
PARTS LIST

LOGIC BOARD:

<u>DESIGNATION</u>	<u>P/N</u>	<u>DESCRIPTION</u>	<u>SOURCE</u>
IC1	CP 1610	Microprocessor	G.I.
IC2	RA-3-9600	RAM	G.I.
IC3	RO-3-9504	20K ROM	G.I.
IC4	AY-3-8900	STIC	G.I.
IC5	RO-3-9503	16K ROM	G.I.
IC6	AY-3-8910	PSG	G.I.
IC7, IC8	3539	256 & 8 RAM	EMM-Semi
IC9	RO-3-9502	20K ROM	G.I.
IC10	AY-3-8915	Color	G.I.
IC11	7406	Hex Inverter	
Q1,Q2	2N3904	Transistor	
D1	IN4001	Diode	
R1, R5, R12	1K	1/4 W Resistor	
R2	27 Ω	1/4 W Resistor	
R3, R6, R15	TBD	1/4 W Resistor	
R19, R20, R21	TBD	1/4 W Resistor	
R22, R26, R27	TBD	1/4 W Resistor	
R4	330 Ω	1/4 W Resistor	
R7, R8	3.3K	1/4 W Resistor	
R9	560 Ω	1/4 W Resistor	
R10	10K		
R11	100 Ω		
R13, R14, R23	10 Ω		
R16	470 Ω		
R17	2K		
R18	200K		
R24, R25, R28	TBD	Trim Potentiometer	
R29			
XTAL	3.579MHz	Crystal	
RFX	1085	Modulator	Astec
C1	20 pf	Capacitor	
C2	5.50 pf	Trim cap	
C4-C24	.1 μ F	Cap.	
C25	100 pf	Cap.	
C26, C3	1 μ f	Cap.	
C27, C28, C29,	10 μ f	Tant. Cap.	
C30			
S1	SPST	Switch	
S2	SPDT	Switch	
P1		Connector	
P2		Connector	
P3		Connector	
P4		Connector	
J1		Connector	
J2		Connector	
J3		Connector	



MICROELECTRONICS DIVISION
GENERAL INSTRUMENT CORP.
HICKSVILLE, NEW YORK 11802

SPECIFICATION NO.

REV.

SHEET

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POWER SUPPLY BOARD:

<u>DESIGNATION</u>	<u>P/N</u>	<u>DESCRIPTION</u>	<u>SOURCE</u>
IC1	ua 7805	5V regulator	
IC2	ua 7812	12V regulator	
D1-D8	IN4001	Diode	
D9	IN746A	3.3V Fener. Diode	
C1	11000 uf	16V Cap.	
C2, C3	100 uf	25V Cap.	
C4, C5, C6	.1 uf	Cap.	
R1	220 Ω	$\frac{1}{2}$ Watt Resistor	
T1		Transformer	

CARTRIDGE BOARD:

IC1, IC2	RO-3-9504	20K ROM	G.I.
C1	.1 uf	Cap.	



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