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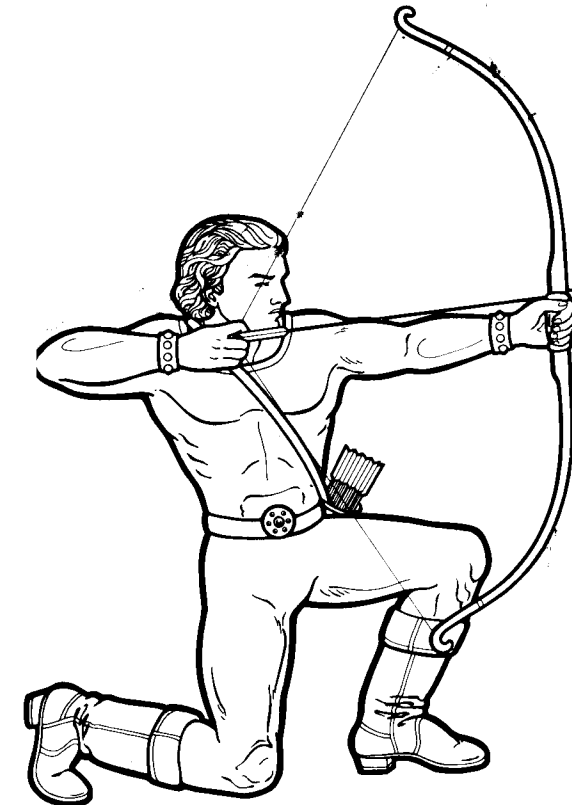


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NOTE
This staple temporarily holds the schematic package together. Remove the staple before using these schematics.



Schematic Package Supplement to

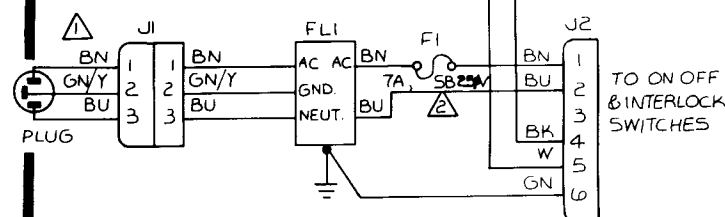
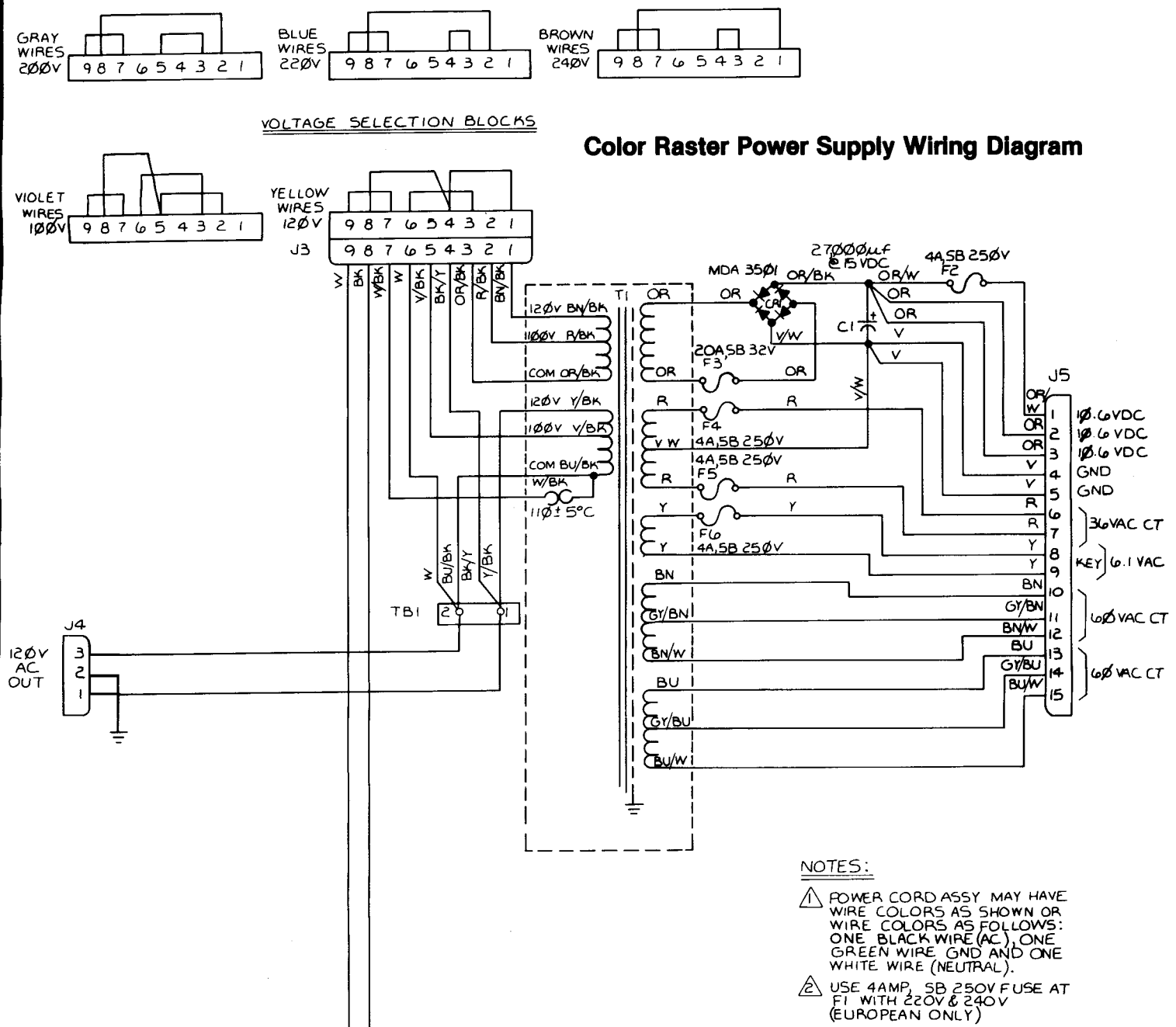
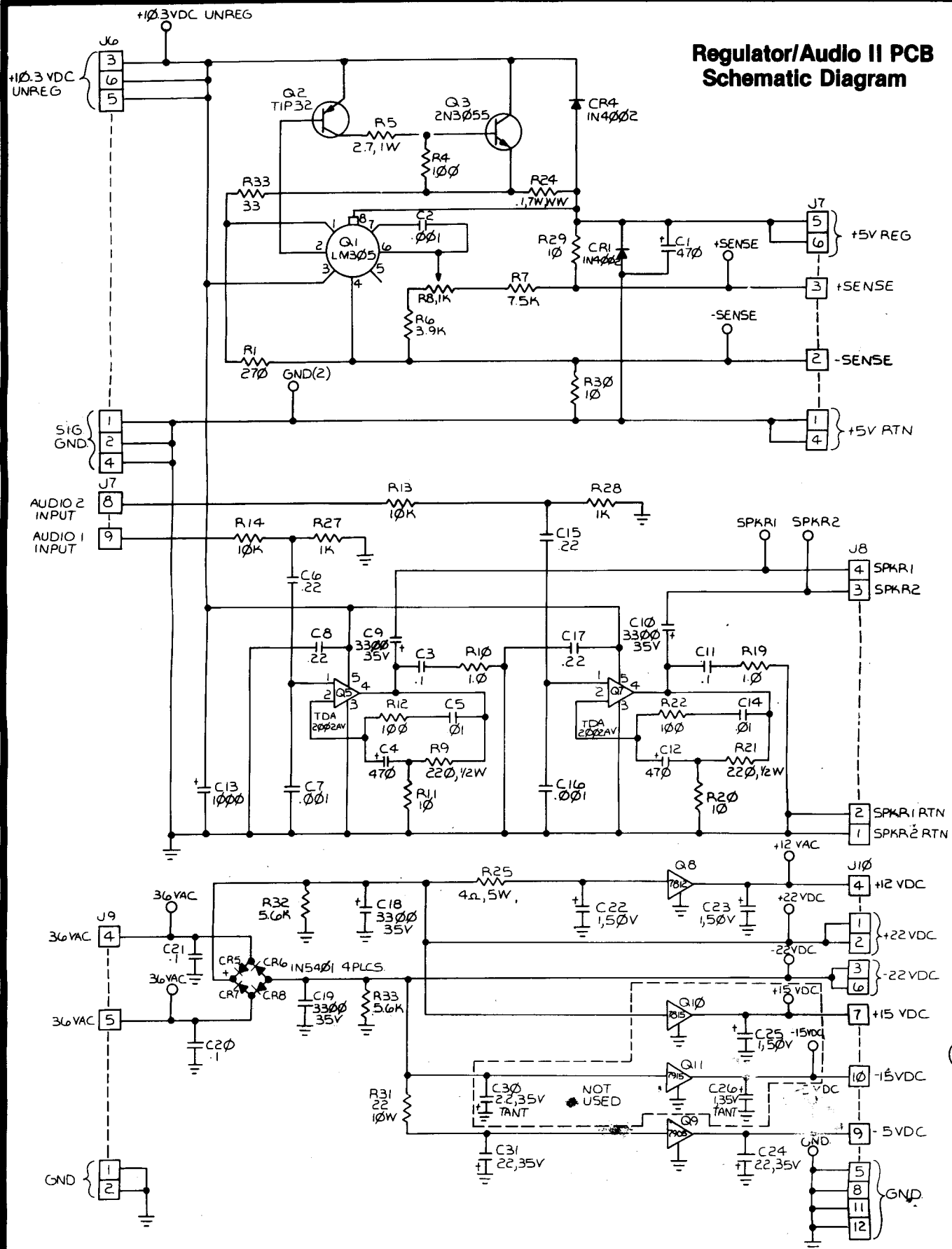
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MILLIPEDE™

Operation, Maintenance, and Service Manual

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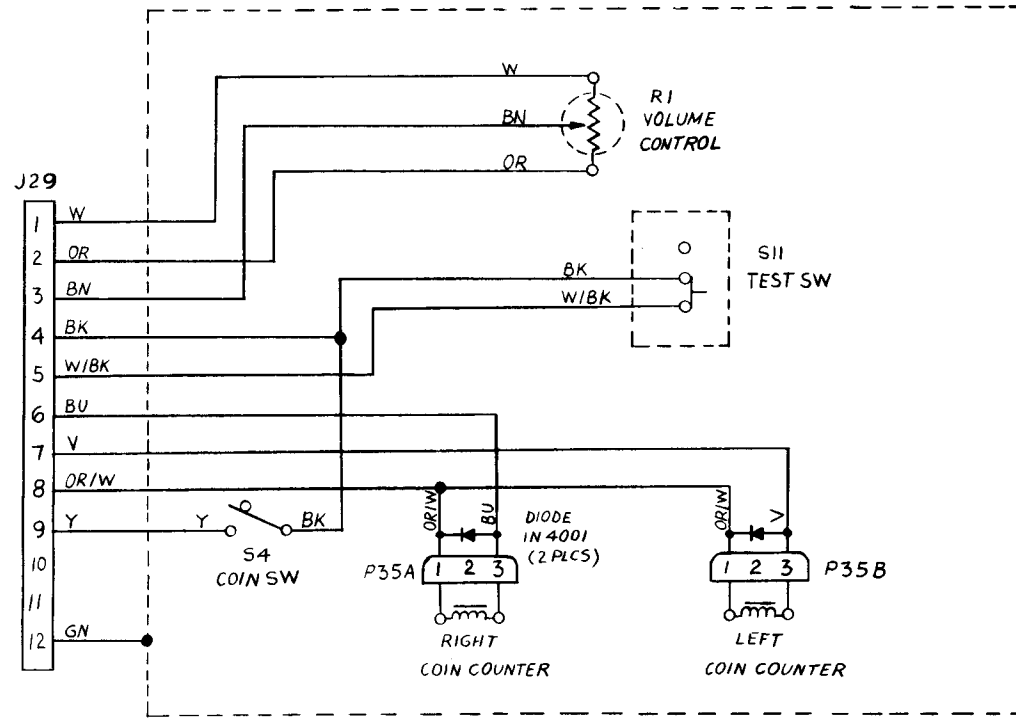
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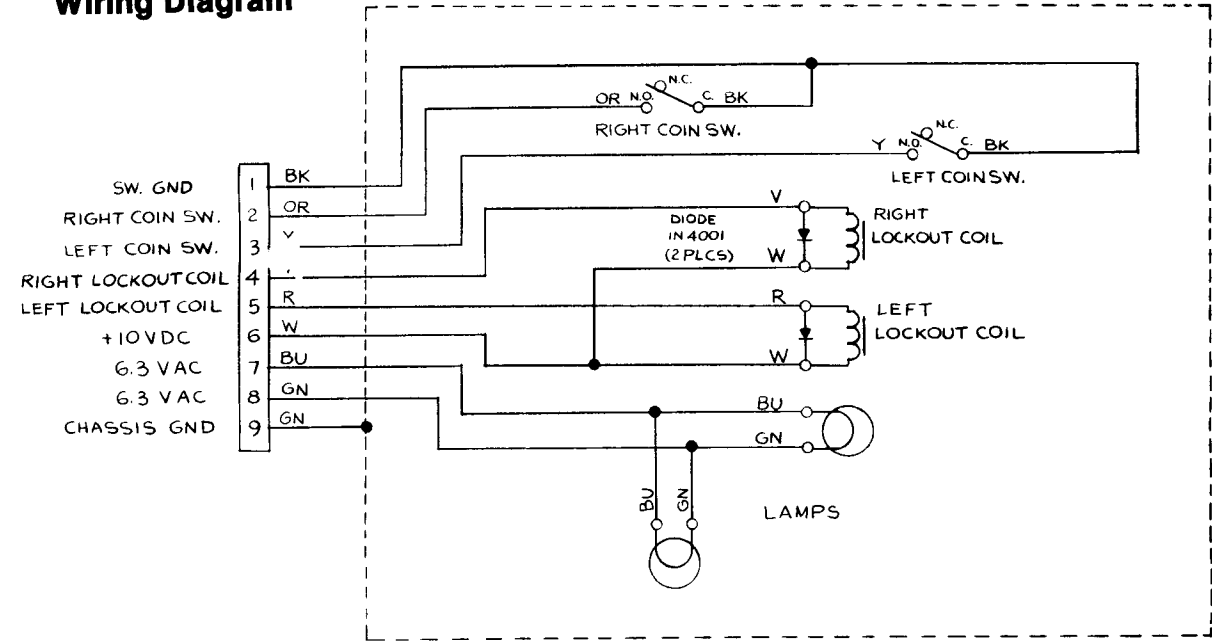
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Millipede™ Reg./Audio II PCB and Power Supply Diagrams

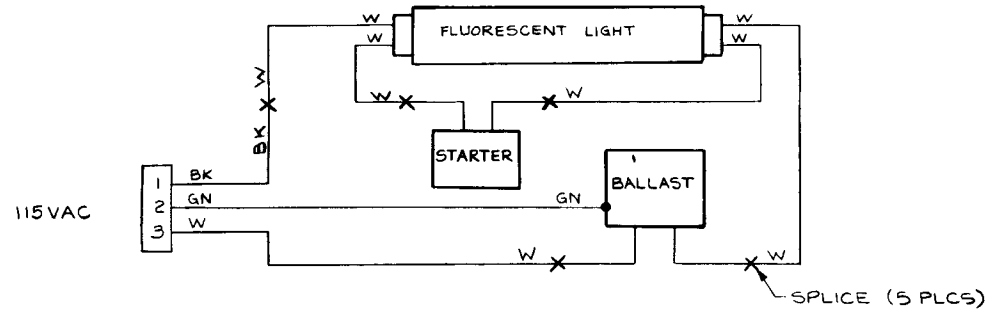
Utility Panel Wiring Diagram



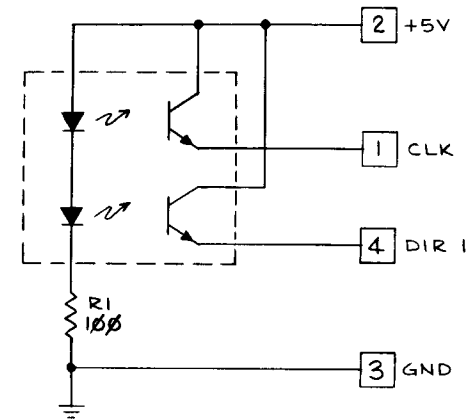
Coin Door Wiring Diagram



Fluorescent Light Wiring Diagram



Coupler PCB Schematic



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Millipede™ Game Wiring Interfaces

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MEMORY MAP

HEXA- DECIMAL ADDRESS	ADDRESS BUS SIGNAL LINES																R/W	DATA BUS SIGNAL LINES								FUNCTION
	A14	A13	A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1	A0	D7		D6	D5	D4	D3	D2	D1	D0		
0000-03FF	0	0	0	0	0	A	A	A	A	A	A	A	A	A	A			D	D	D	D	D	D	D	D	RAM
0400-0410 0408	0	0	0	0	1							A	A	A	A		R	D	D	D	D	D	D	D	D	I/O S0 OPTION SWITCH 0
0800-0810 0808	0	0	0	1	0							A	A	A	A		R	D	D	D	D	D	D	D	D	I/O S1 OPTION SWITCH 1
1000-13BF 13C0-13CF 13D0-13DF 13E0-13EF 13F0-13FF	0	0	1			A	A	A	A	A	A	A	A	A	A			D	D	D	D	D	D	D	D	PLAYFIELD RAM MOTION OBJECT PICTURE MOTION OBJECT VERTICAL MOTION OBJECT HORIZONTAL MOTION OBJECT COLOR
2000	0	1	0	0	0					0	0				0			D								TRACKBALL HORIZ DIR VBLANK START 1 SWITCH FIRE 1 SWITCH TRACKBALL HORIZ COUNT OPTION SWITCH 2
2001	0	1	0	0	0					0	0				1			D								TRACKBALL VERT DIR START 2 SWITCH FIRE 2 SWITCH TRACKBALL VERT COUNT OPTION SWITCH 2
2010	0	1	0	0	0					0	1				0			D	D	D						COIN SWITCHES SLAM SWITCH JOYSTICK POSITIONS
2011	0	1	0	0	0					0	1				1			D								SELF-TEST SWITCH CABINET SELECT
2030	0	1	0	0	0					1	1							D	D	D	D	D	D	D	D	EAROMRD.
2480-248F 2490-249F	0	1	0	0	1	0	0	1			0	A	A	A	A		W	D	D	D	D	D	D	D	D	STAMP COLOR RAM MOTION OBJECT COLOR RAM
2501	0	1	0	0	1	0	1	0					0	0	1		W	D								COIN CNTR L
2502	0	1	0	0	1	0	1	0					0	1	0		W	D								COIN CNTR R
2503	0	1	0	0	1	0	1	0					0	1	1		W	D								START LED 1
2504	0	1	0	0	1	0	1	0					1	0	0		W	D								START LED 2
2505	0	1	0	0	1	0	1	0					1	0	1		W	D								TRACKBALL ENABLE (TBEN)
2506	0	1	0	0	1	0	1	0					1	1	0		W	D								VIDEO ROTATE (VIDROT)
2507	0	1	0	0	1	0	1	0					1	1	1		W	D								CONTROL SELECT (CNTRLSEL)
2600	0	1	0	0	1	1	0	0									W									IRQRES
2680	0	1	0	0	1	1	0	1									W									WATCHDOG
2700	0	1	0	0	1	1	1	0									W					D	D	D	D	EAROMCON
2780	0	1	0	0	1	1	1	1									W	D	D	D	D	D	D	D	D	EAROMWR
300-3FFF 400-7FFF	0	1	1	A	A	A	A	A	A	A	A	A	A	A	A		R	D	D	D	D	D	D	D	D	ROM (NOT USED) ROM

Schematic Reference Designators and Symbols

Logic symbols depict the logic function performed by that particular device and may differ from the manufacturer's data.

REFERENCE DESIGNATORS:

- C

CR

F

J

L

LS

P

Q

R

S

T

TP

VR

Y
- Capacitor

Diode, signal or rectifier

Fuse

Connector

Inductor, fixed or variable

Speaker

Connector

Transistor or silicon-controlled rectifier

Resistor, fixed or variable

Switch

Transformer

Twisted wire pair

Voltage regulator

Crystal

WIRE COLORS:

- R

GN

Y

W

BU

BN

BK

OR

V

GY
- Red

Green

Yellow

White

Blue

Brown

Black

Orange

Violet

Gray

Electrical components shown on the schematic diagrams are in the following units unless otherwise noted:

- Capacitors = microfarads (μ f)
- Resistors = ohms (Ω)
- Inductors = microhenrys (μ h)

SYMBOLS:

- Ground

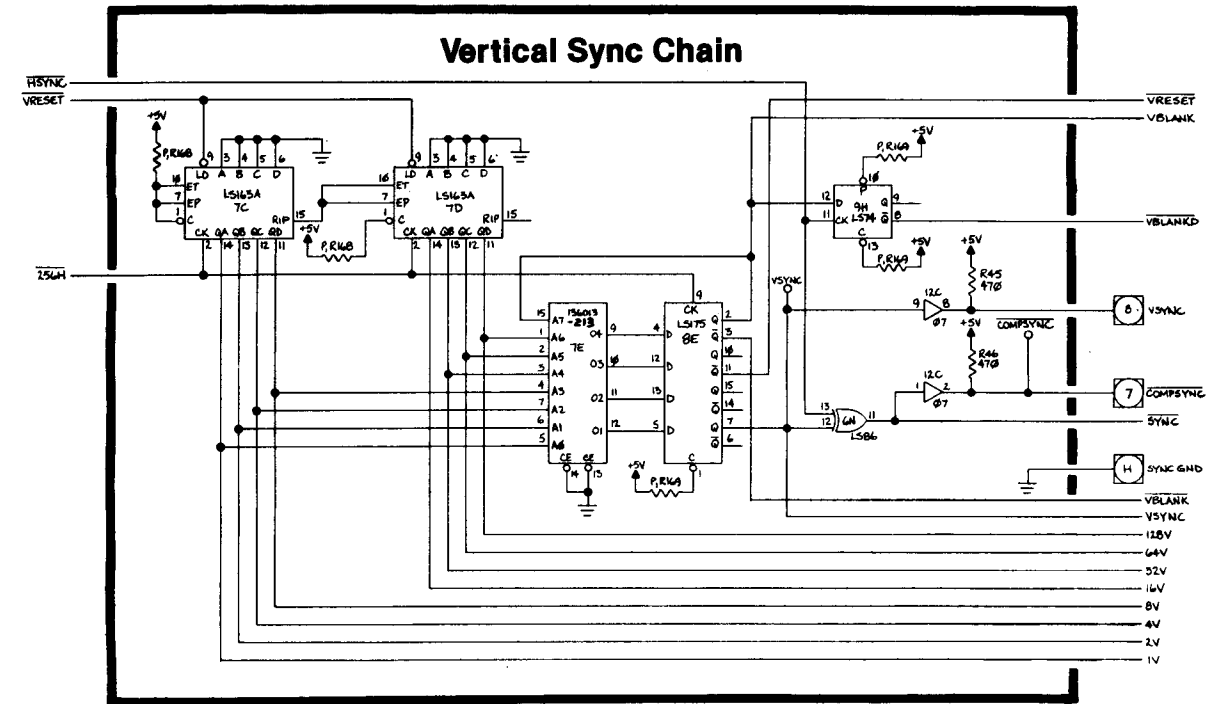
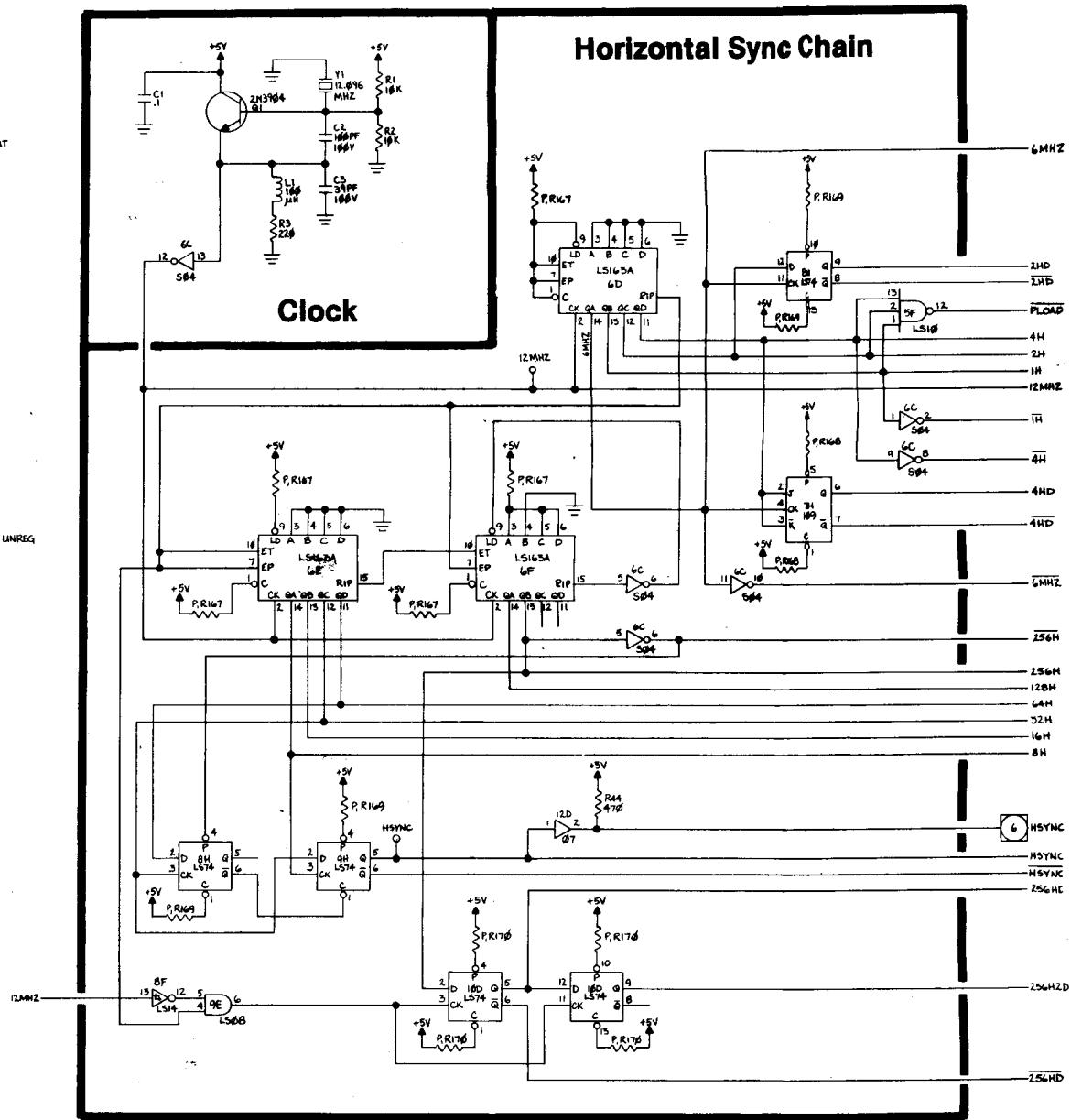
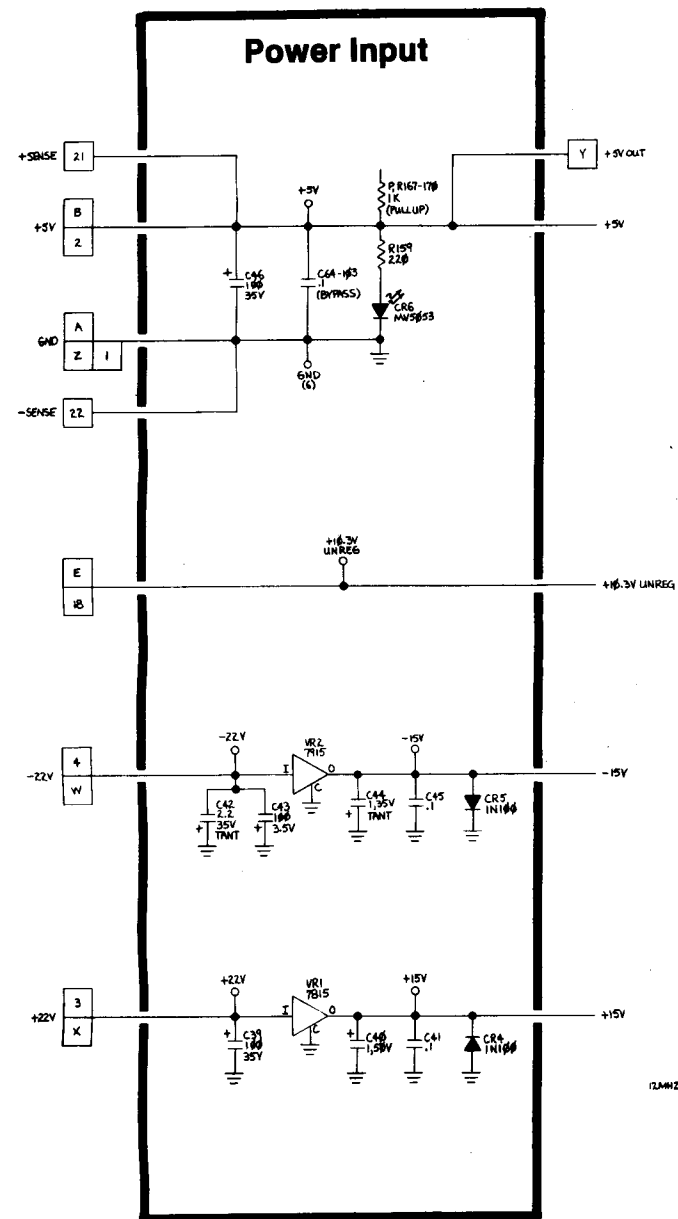
PCB edge connector pad
- Test Point

PCB test connector pad



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Millipede™ Memory Map and Schematic Notes

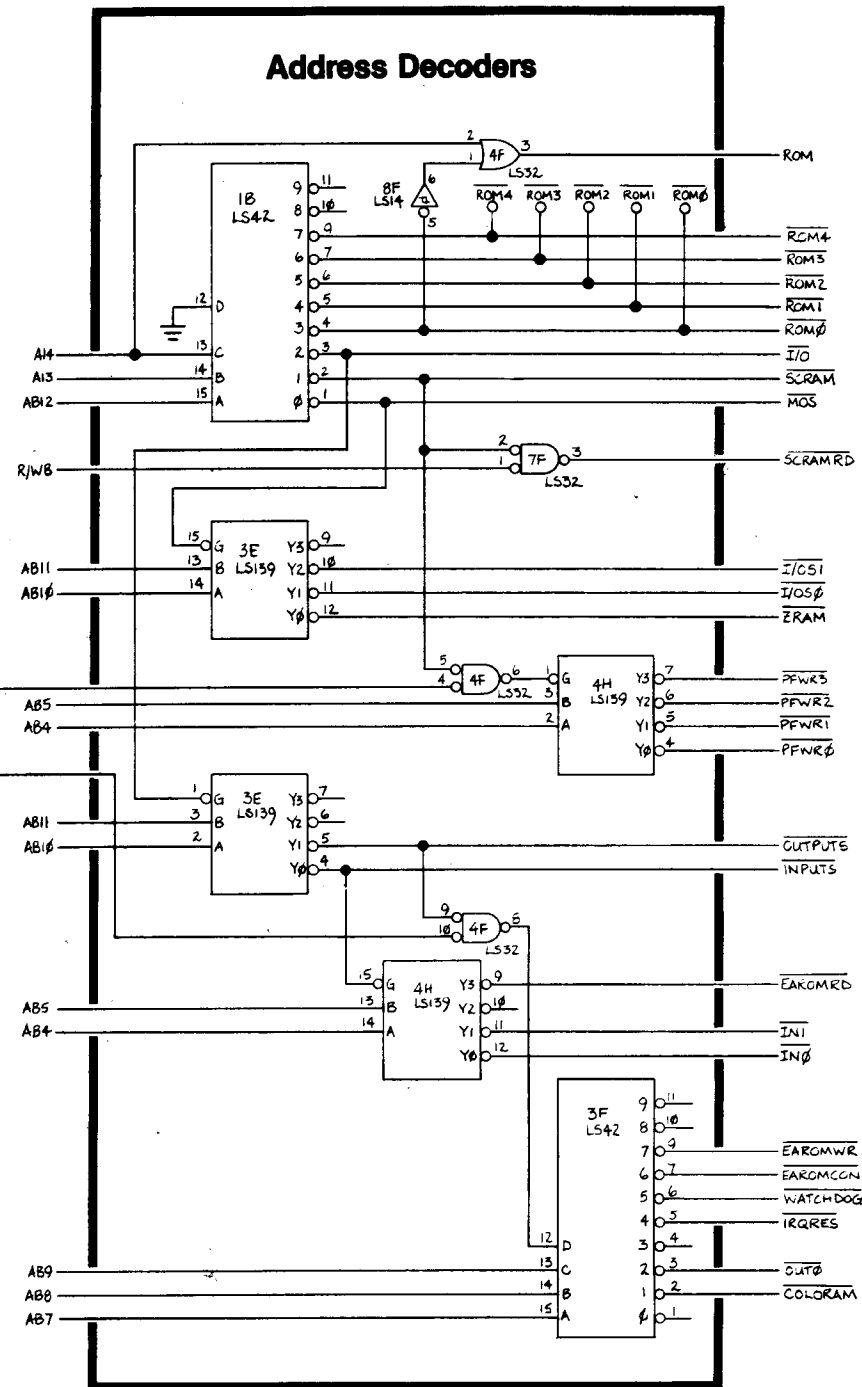
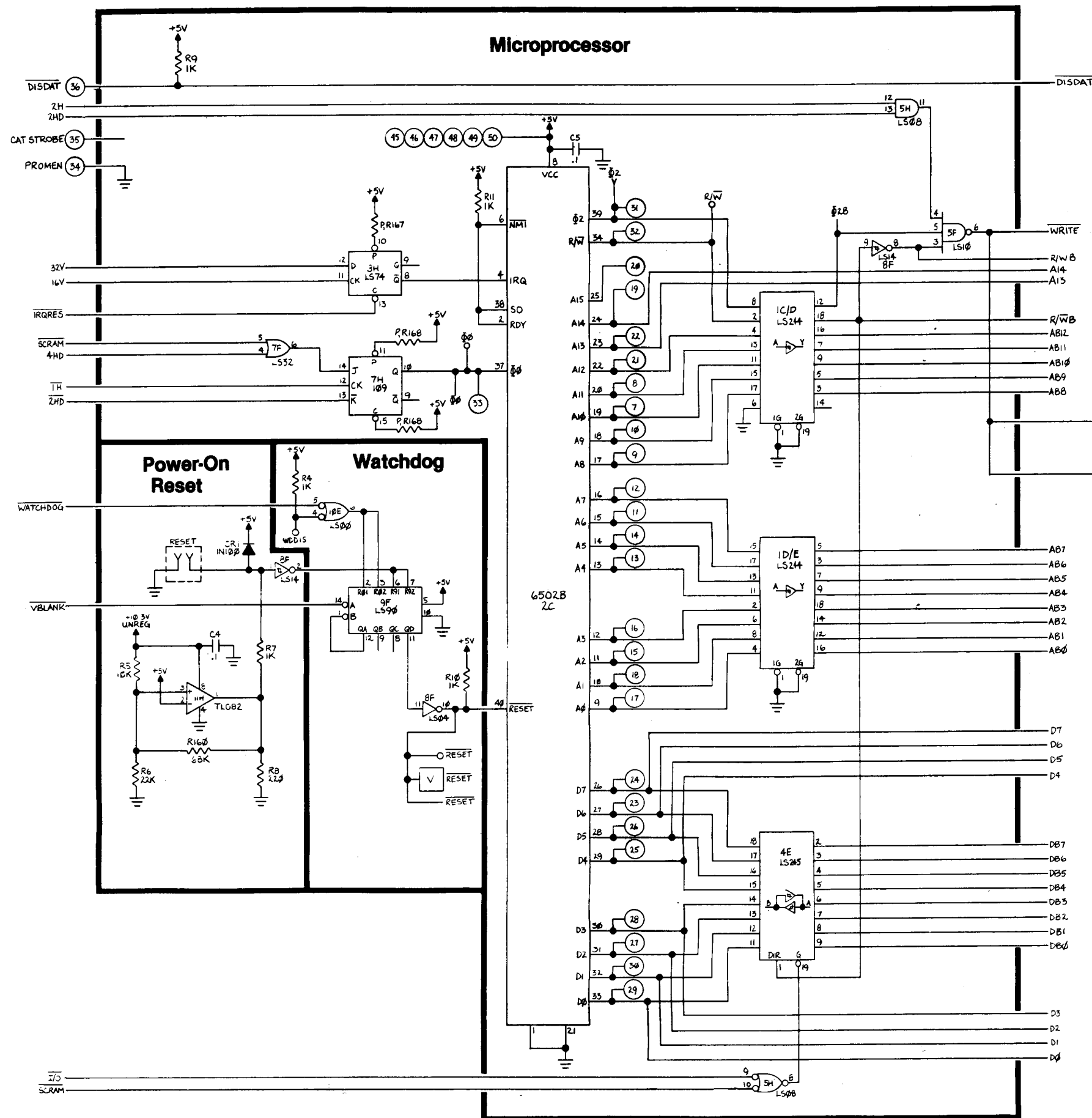


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Millipede™ PCB Schematic Diagram

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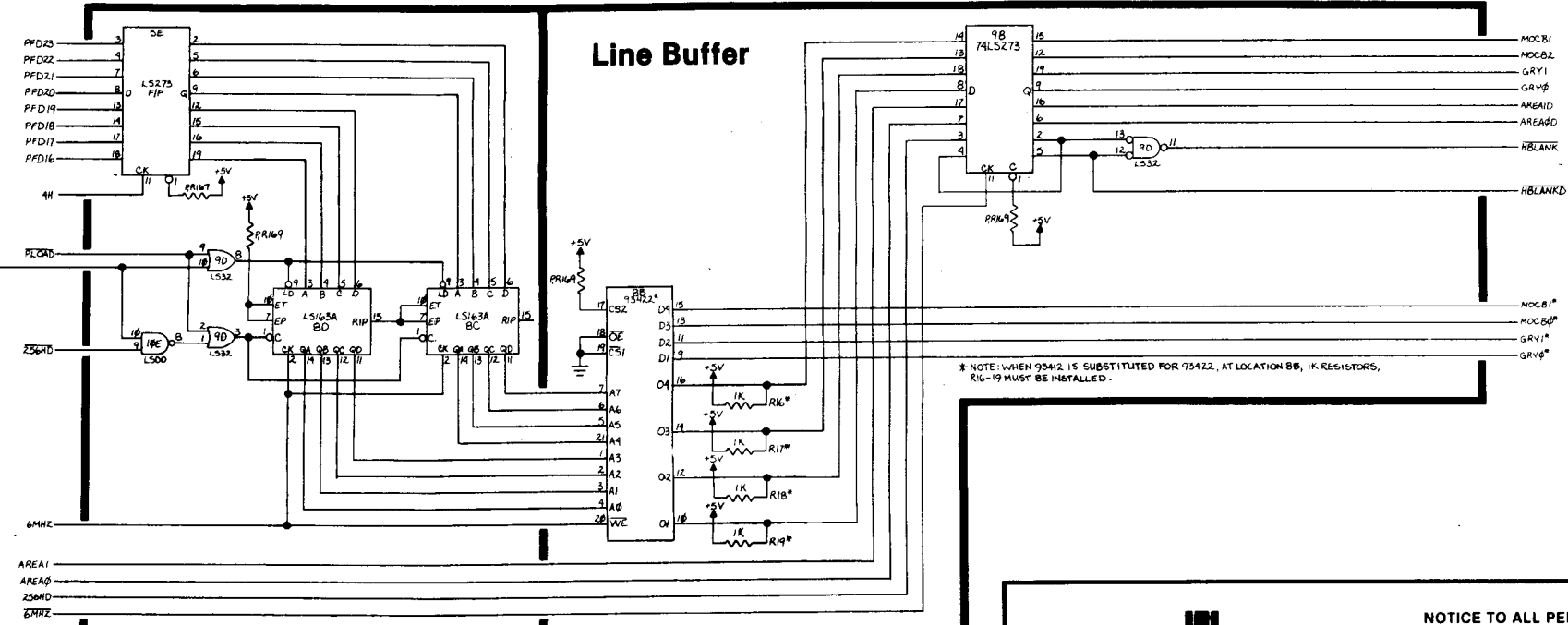
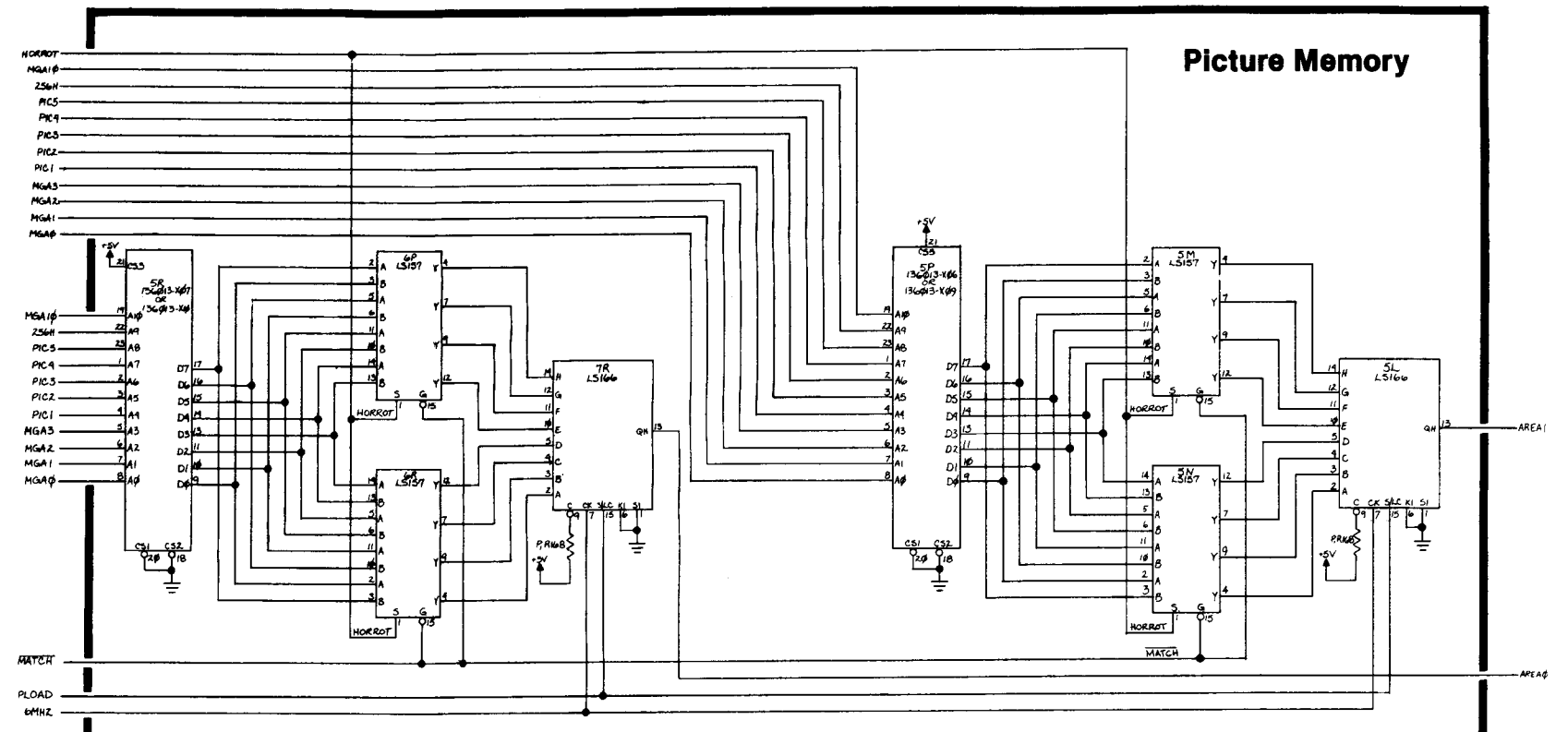
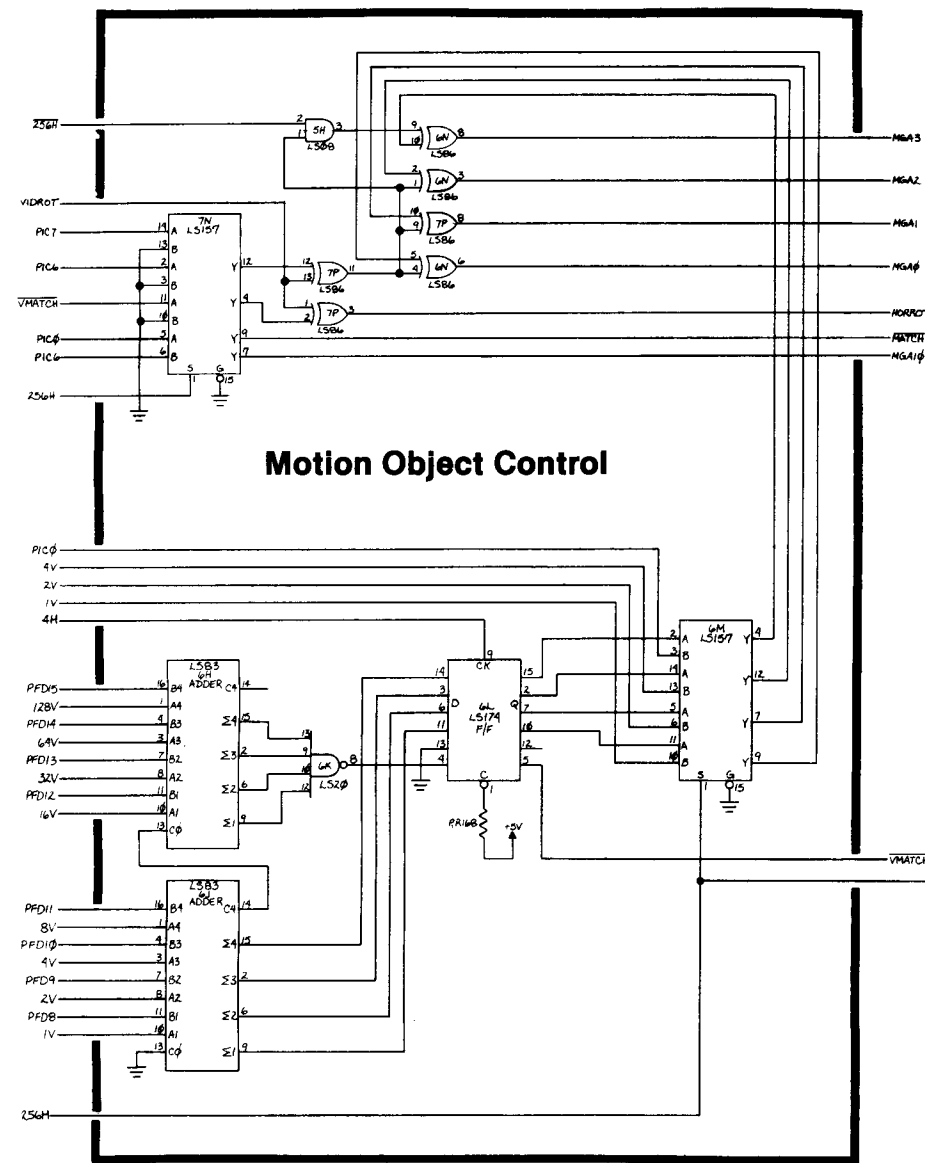
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* NOTE: WHEN 9342.1 IS SUBSTITUTED FOR 9342.2, AT LOCATION BB, 1K RESISTORS, R16-19 MUST BE INSTALLED.



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