

3

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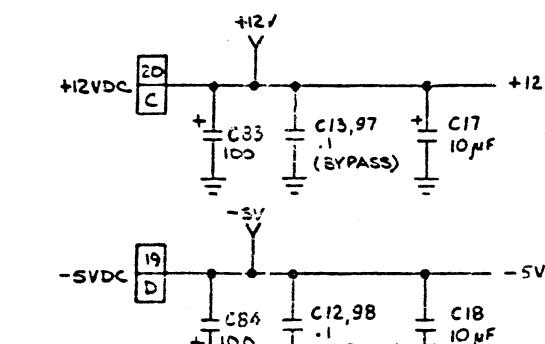
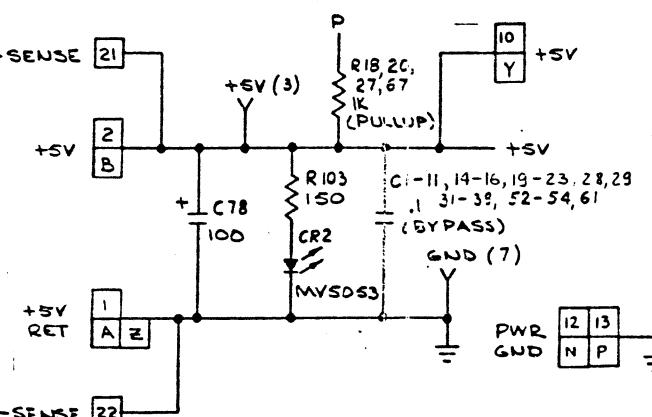
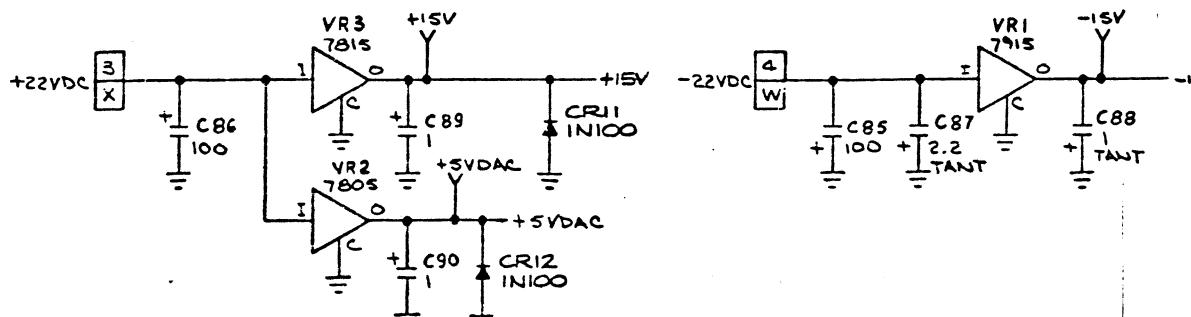
-

2

1

IC CHAR

TYPE	VOLTAGE / PIN NO.							UNUSED GATES
	GND	+5V	+5V DAC	+12V	+5V	-5V	-5V	
74S23	7	14						
74LS00	7	14						
74S02	7	14						
74LS02	7	14						
74S04	7	14						P5, P5, P5,
74LS04	7	14						
74LS06	7	14						
74LS08	7	14						
74LS12	7	14						K4
74LS11	7	14						
74LS14	7	14						
74LS22	7	14						M5
74LS27	7	14						
74LS32	7	14						L2
74LS42	8	16						
74S74	7	14						
74LS74	7	14						
74S86	7	14						B7
74LS86	7	14						
74LS129	8	16						
74LS139	8	16						
74LS157	8	16						
74LS161	8	16						
74LS164	7	14						
74LS174	8	16						
74LS175	8	16						
74LS191	8	16						
74193	8	16						
74LS193	8	16						
74LS194	8	16						
74LS244	10	20						
74LS245	10	20						
74S260	7	14						
74LS273	10	20						
74LS367	8	16						
74LS393	7	14						
74LS670	8	16						
2114 (RAM)	9	18						
8316E (ROM)	12	21,24		19				
2708 (ROM)	12	24						21
823129 (PROM)	8	16						
6502A (MICROPROCESSOR)	1,21	8						
AM6012	13		20			17		
MC3410	2		14			1		
DAC-08			13			3		
LM319	3,8				11	6		
TLO82					8	4		
TLO84					4	11		
LF13201	5			13		4		
14050	8	1						
7404	7	14						HII, HII, HII, HII
74LS399	8	16						

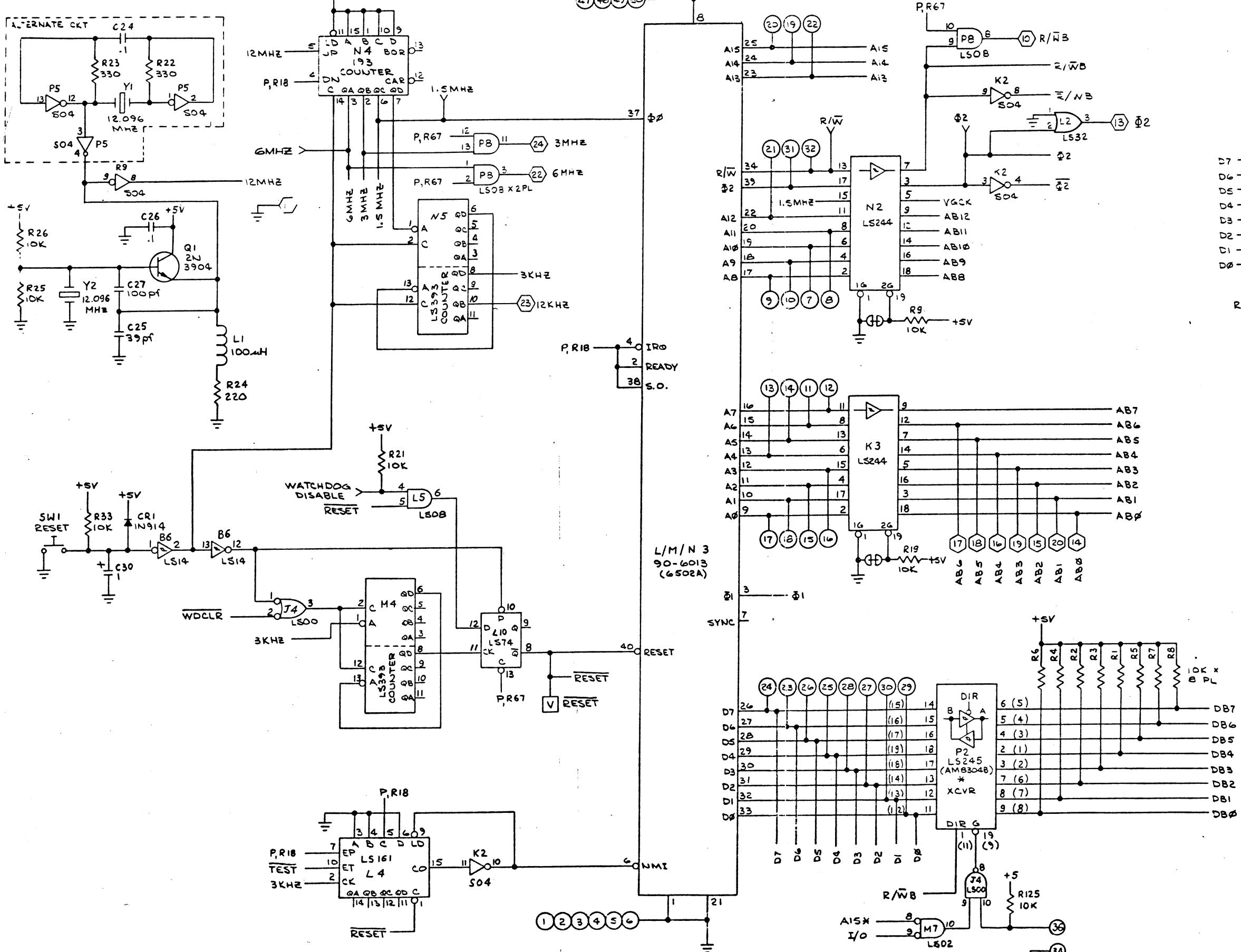


HISTORY PRINT

-01 = MC3410 DAC
-02 = AM6012 ADC

AD35742		DO NOT SCALE DRAWING		DRAWN BY <i>L. Tuth</i>	DATE 4-1-83	 ATARI <small>Atari, Inc. 1265 Borregas Avenue Sunnyvale, Calif. 94085</small> <small>© 1983 Atari Communications Company</small>
NEXT ASSY	FIRST USED ON			CHECKED BY	DATE	
OUTSTANDING ECNs				ENGR. MECH	DATE	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES TOLERANCE CAN BE: ANGLES ±1° A/E SURFACE FINISH $\pm .005$				ENGR. ELECT	DATE	
MATERIAL:				INDUSTRIAL DESIGN	DATE	
				HARNESS DESIGN	DATE	
FINISH:				PROJECT ENGR <i>W. H. Tuth</i>	DATE 4-1-83	
				PROJ. ENGR	DATE <i>W. H. Tuth</i>	
				MANUFACTURER <i>W. H. Tuth</i>	DATE <i>W. H. Tuth</i>	
				SIZE D	DRAWING NO 035742-XX	
				SCALE —	SHEET 1 OF 7	

REVISIONS				
IN	DATE	INCORP	CHECK	APPROVED
NE				



NOTE:
* USE NUMBERS IN PARENTHESES IF
BOARD CONTAINS AM8304B
INSTEAD OF 74LS245, 2 PLACES
THIS PAGE.

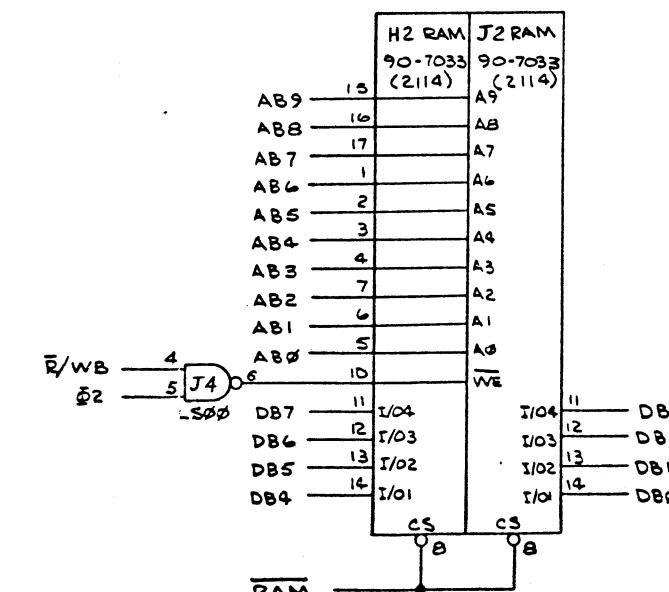
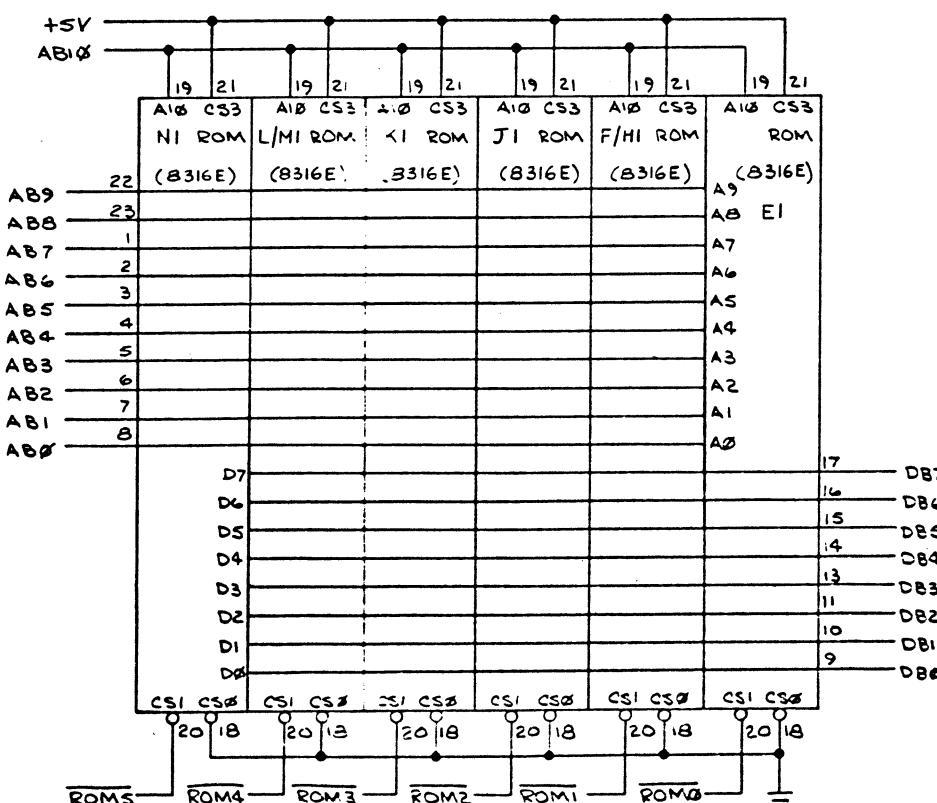
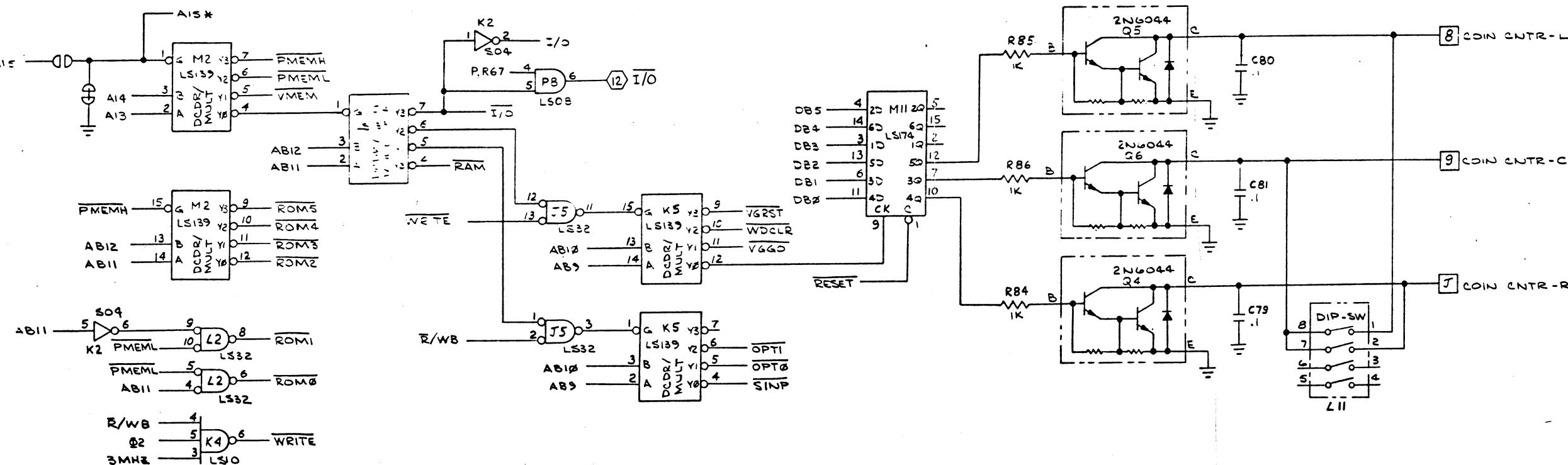
INC, RESET, MICROPROCESSOR

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Sunnyvale, Calif. 94088

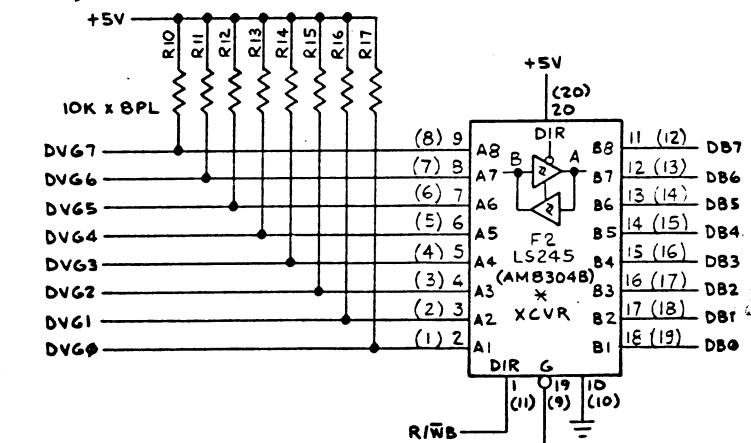
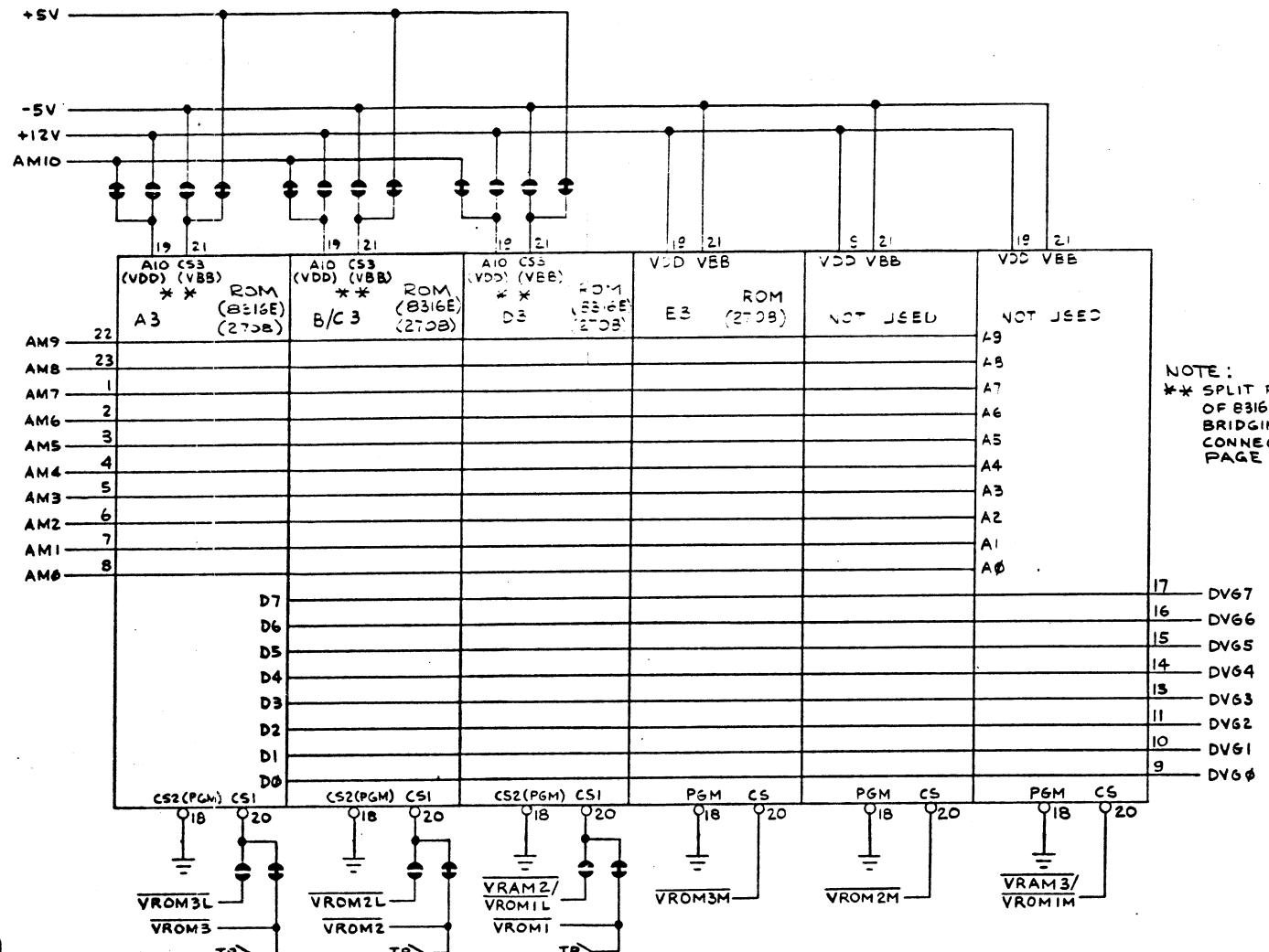
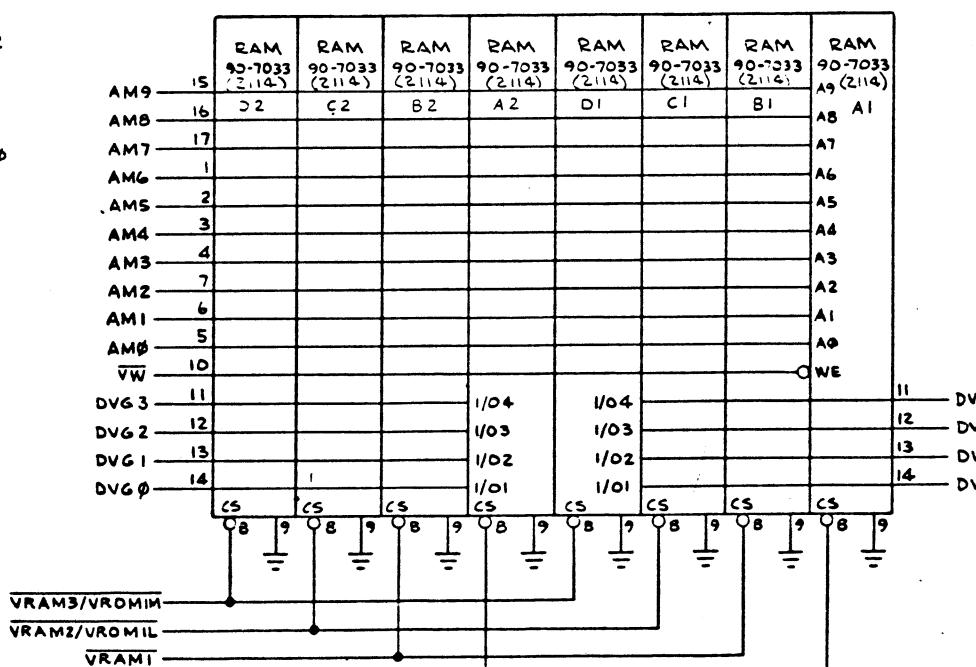
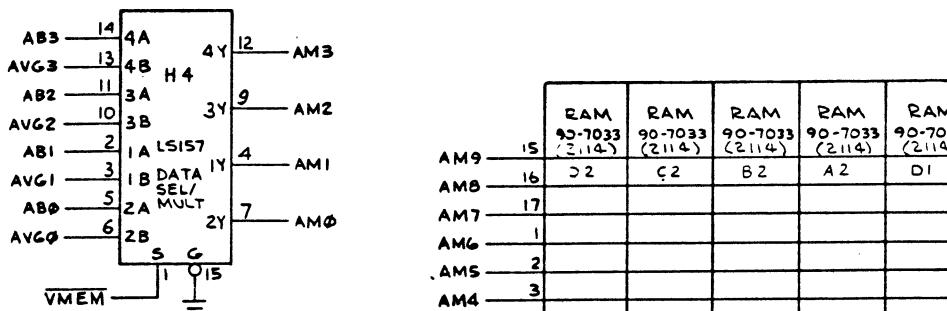
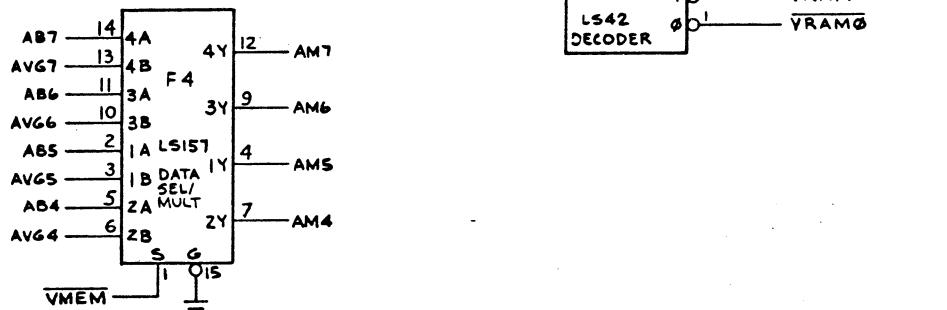
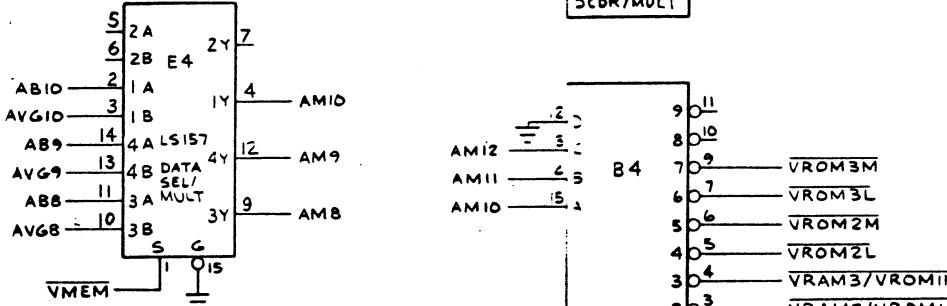
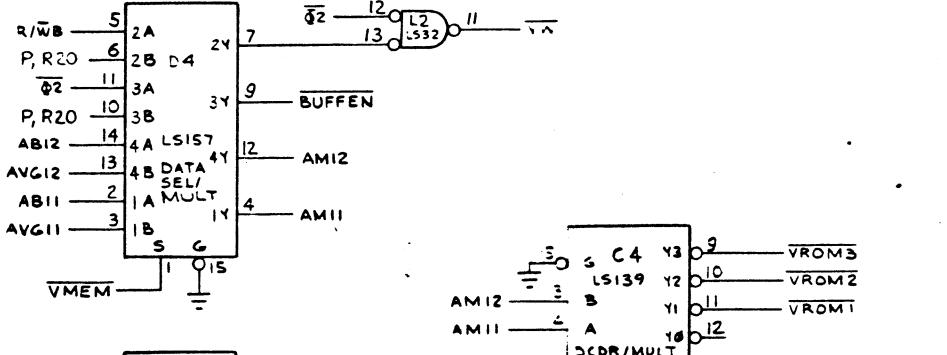
**SCHEMATIC,
6502A ANALOG VECTOR
GENERATOR P.C. BD**

REVISIONS				
SYM	DESCRIPTION	DATE	INCORP	CHECK
- SEE SHEET ONE				



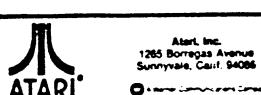
DECODE, COIN DRIVER, MEMORY		
 ATARI <small>Atari, Inc. 1265 Boregas Avenue Sunnyvale, Calif. 94088</small>		
TITLE: SCHEMATIC, 6502A ANALOG VECTOR GENERATOR P.C. BD.		
SIZE: D	DRAWING NO: 035742-XX	REV: B
SCALE: —	SHEET: 3 OF 7	

REVISIONS				
	DATE	INCORP	CHECK	APPROVED
				.

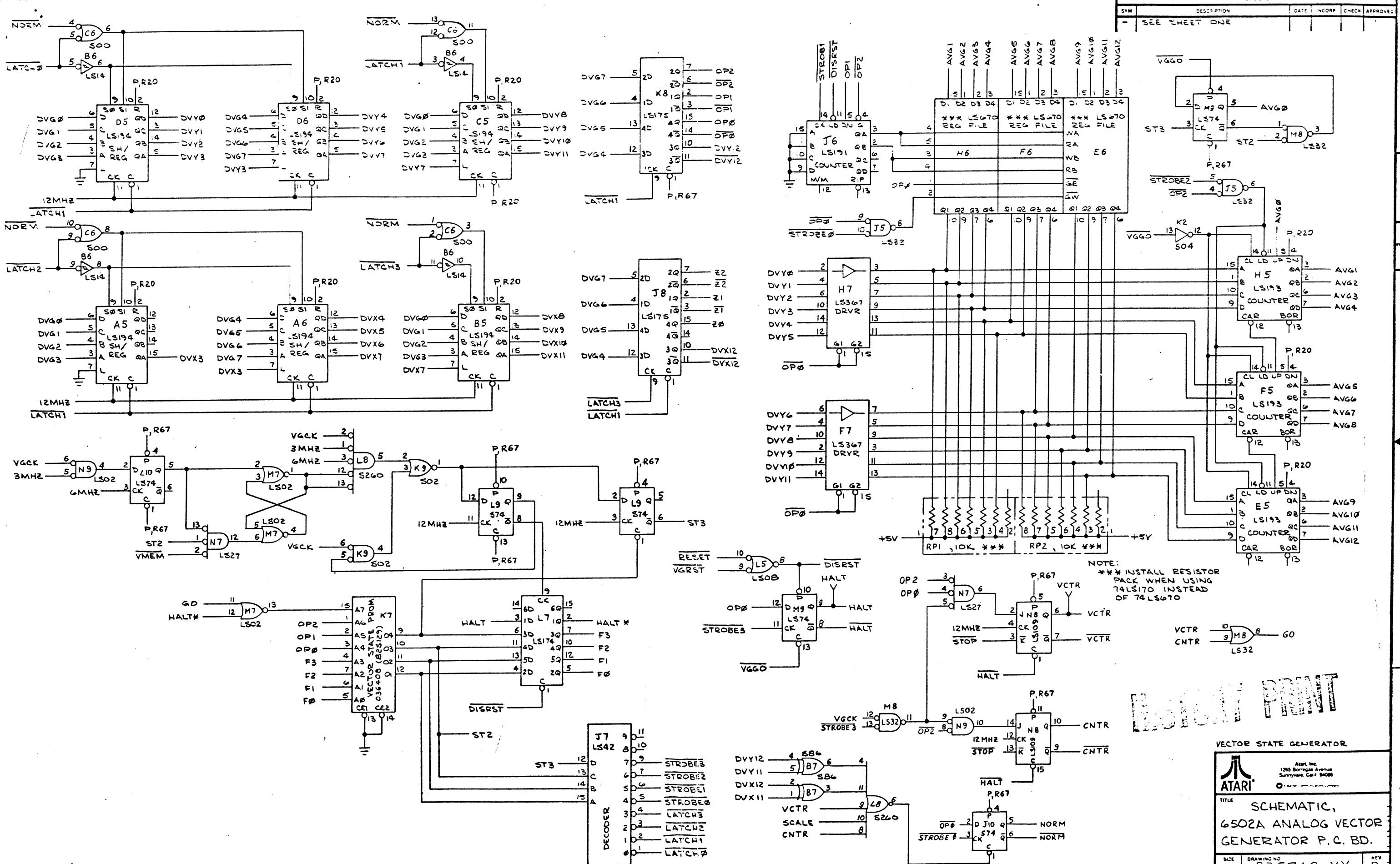


NOTE: * USE NUMBERS IN PARENTHESSES IF BOARD CONTAINS AMB8304B INSTEAD OF 7415245

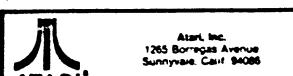
VECTOR MUX, VECTOR MEM



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SIZE	DRAWING NO	REV	
D	035742-XX	B	

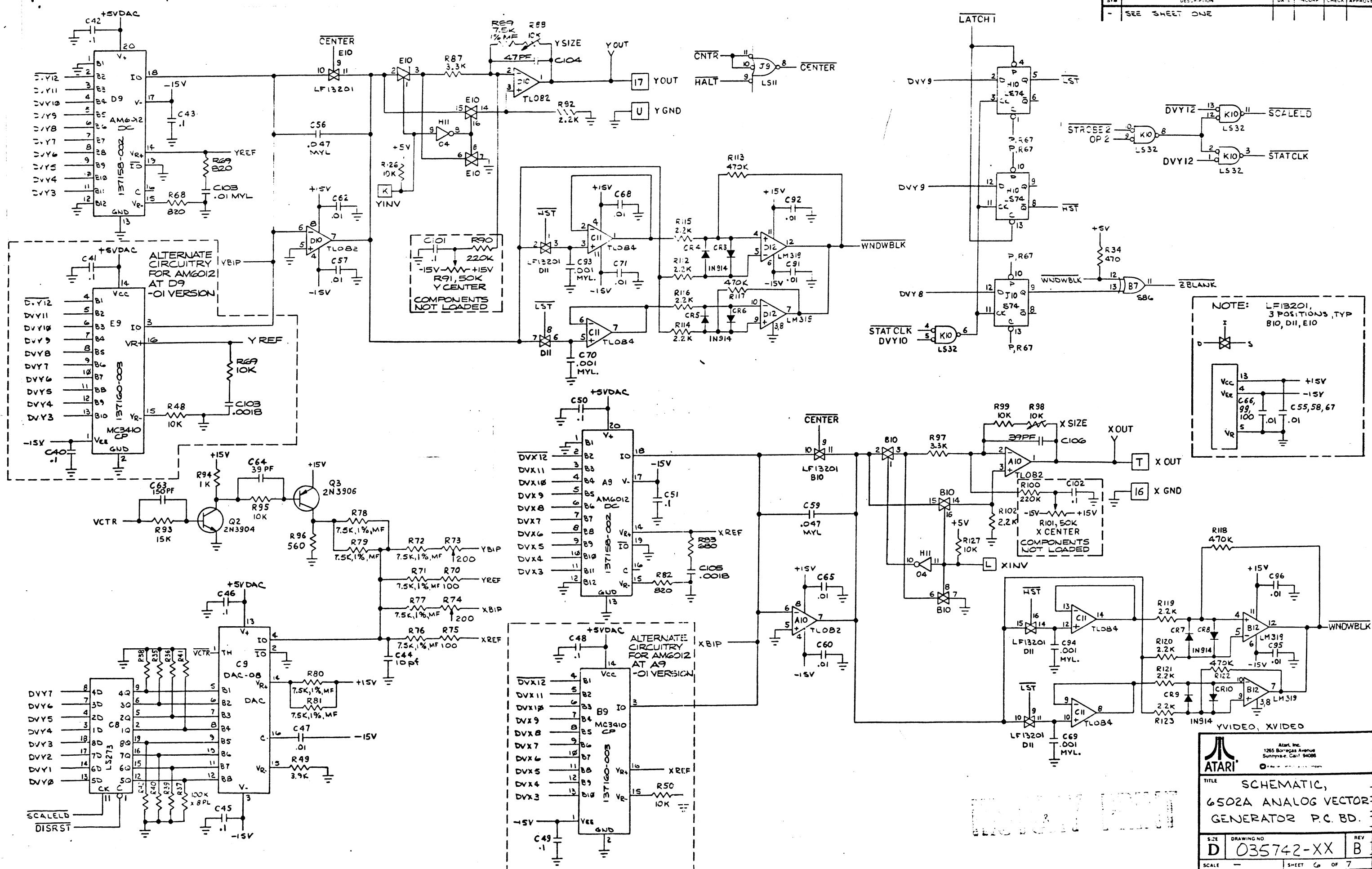


VECTOR STATE GENERATOR

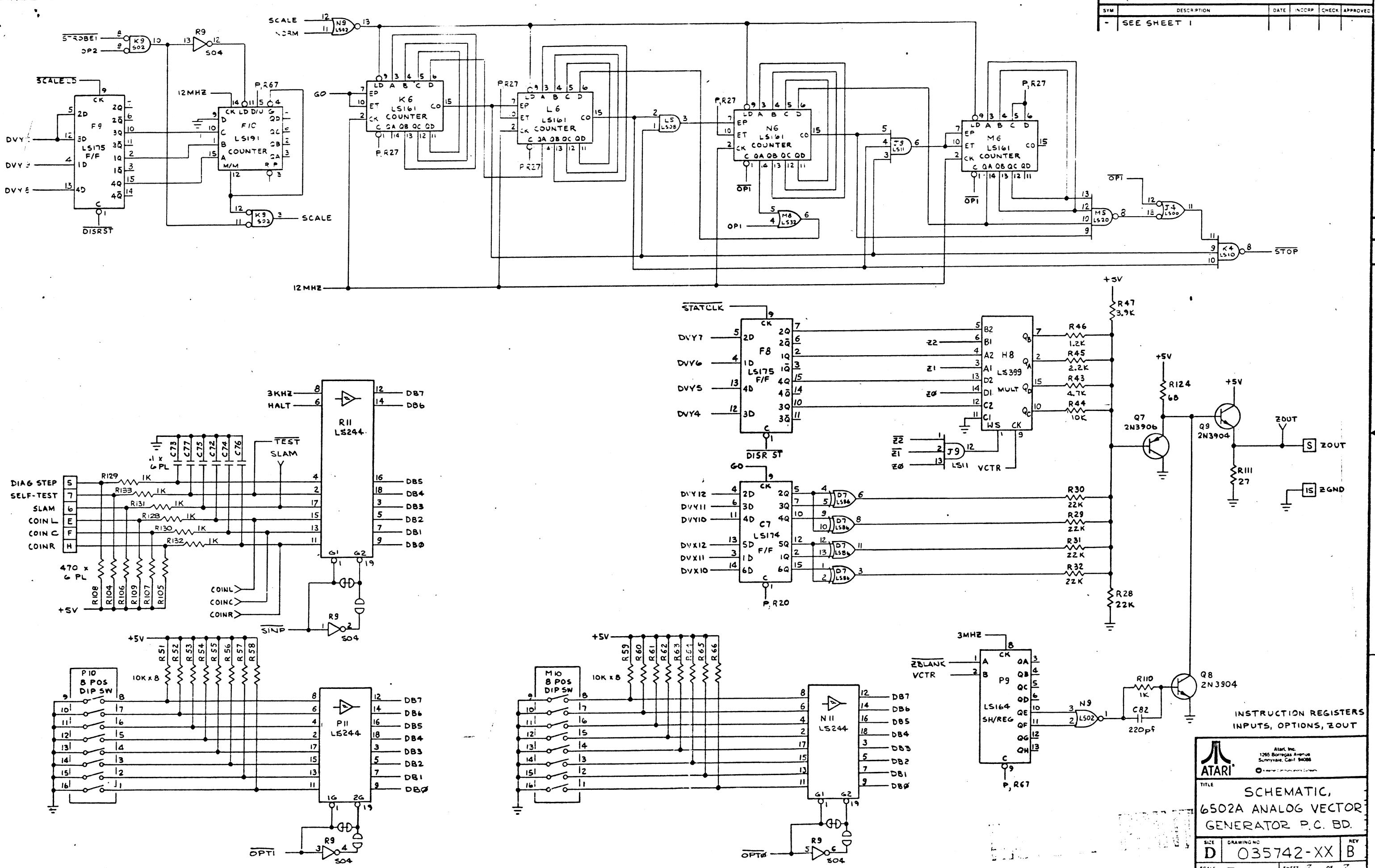


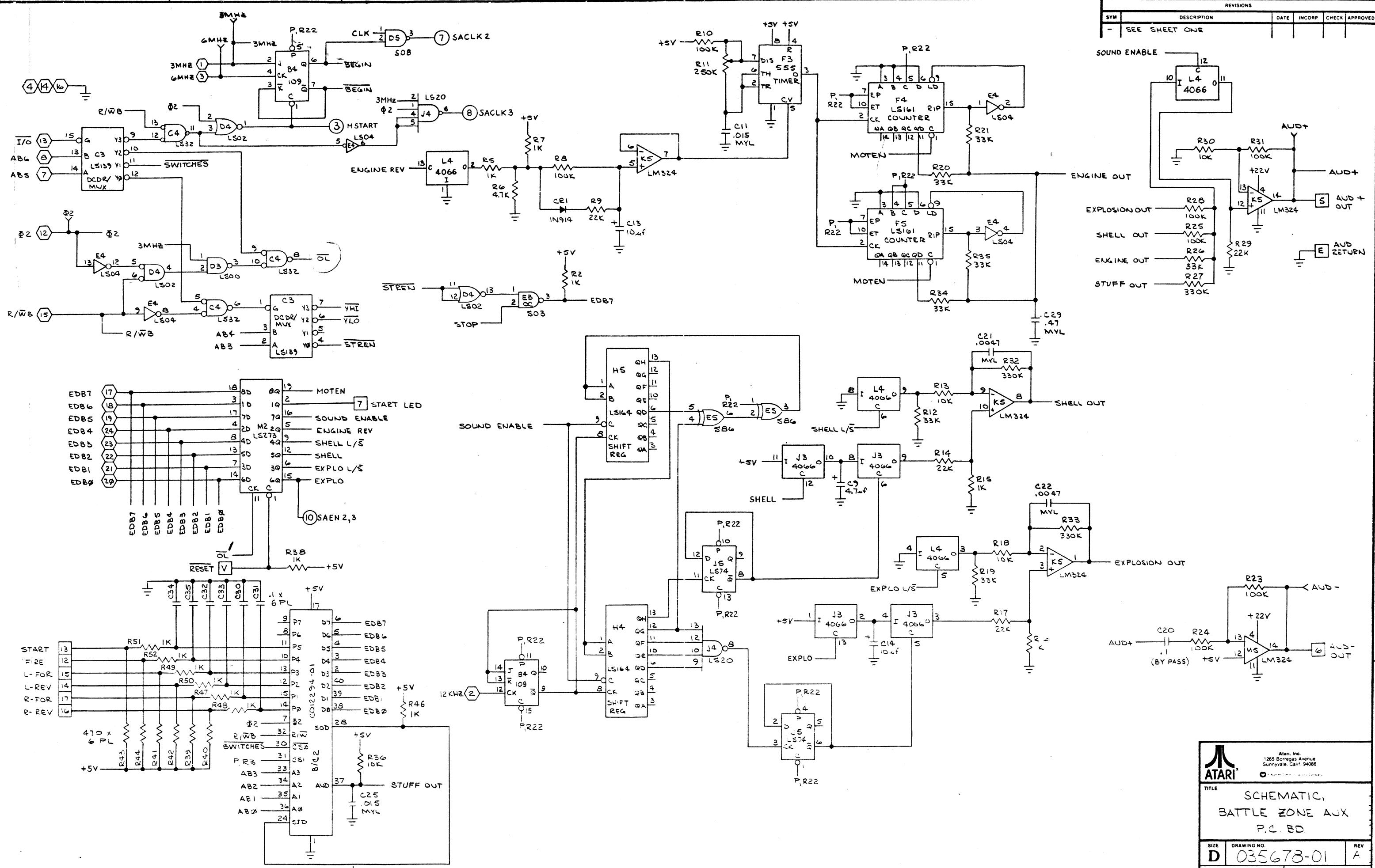
The Atari logo, featuring a stylized 'A' shape above the word "ATARI". To the right of the logo is the company address: "Atari, Inc.", "1265 Borregas Avenue", and "Sunnyvale, Calif. 94086". Below the address is a small circular logo with a stylized 'A' or 'S' inside.

REVISIONS			
SYM	DESCRIPTION	DATE	INCORP
- SEE SHEET ONE			



SYM	DESCRIPTION	DATE	INCORP	CHECK	APPROVED
- SEE SHEET 1					





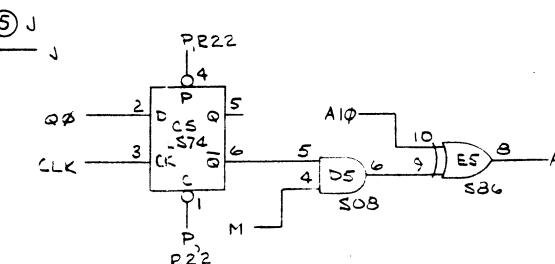
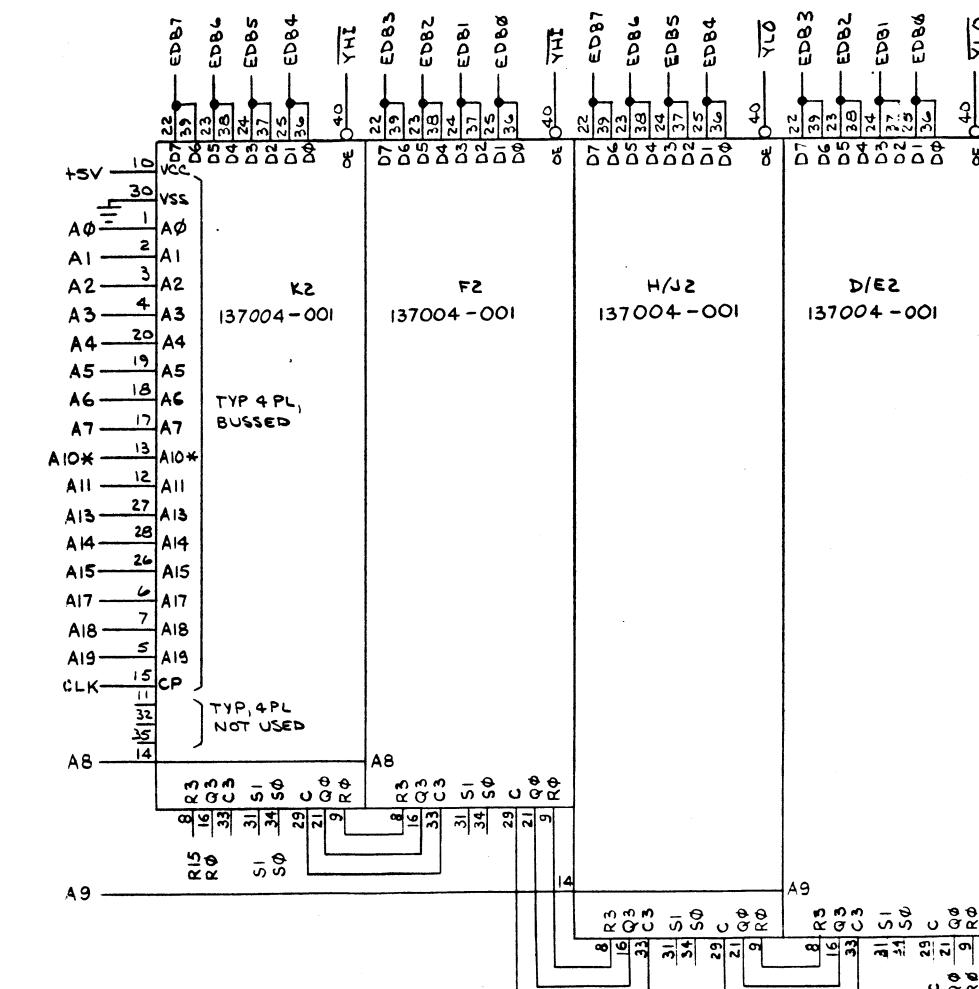
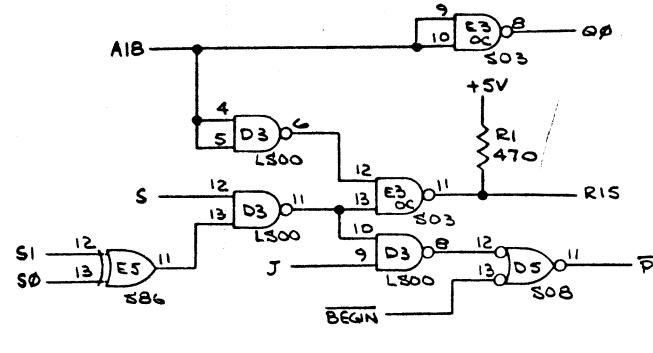
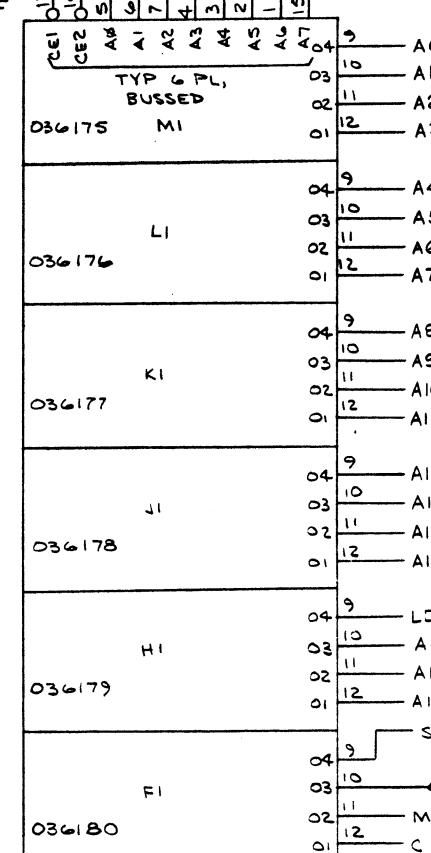
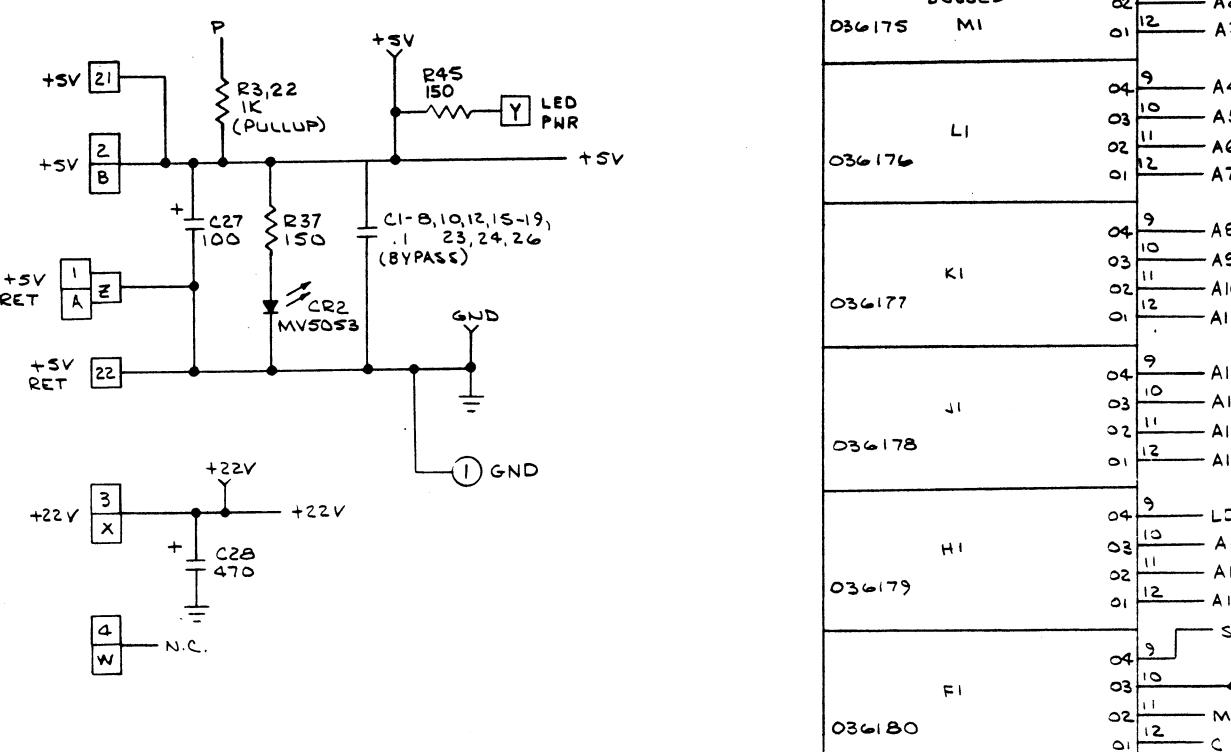
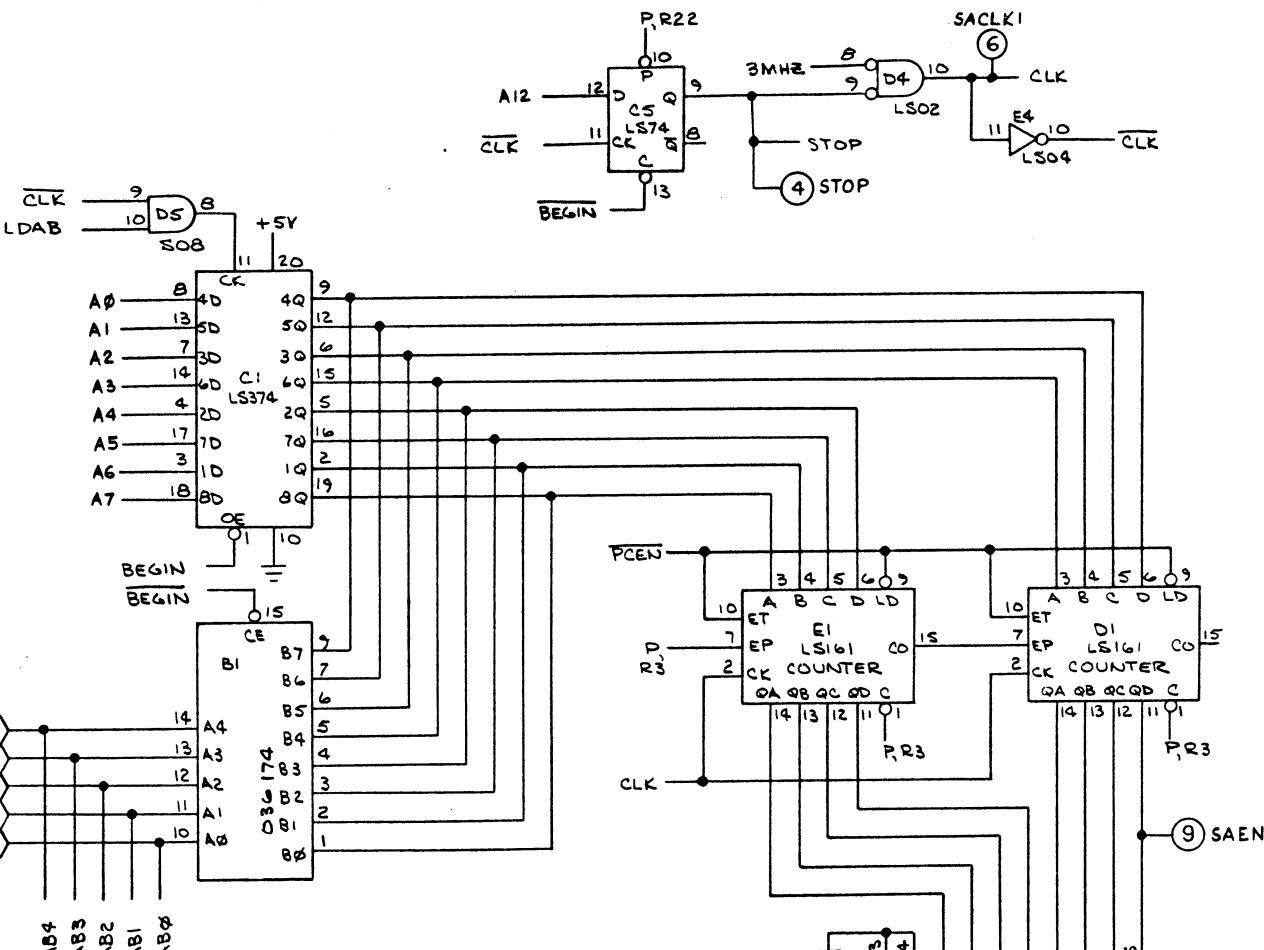
Atari, Inc.
1265 Boregas Avenue
Sunnyvale, Calif. 94086

SCHEMATIC,
BATTLE ZONE AUX
P.C. BD.

SIZE D DRAWING NO. 035678-01 REV A

SCALE — SHEET 3 OF 3

REVISIONS				
SYM	DESCRIPTION	DATE	INCORP	CHECK
- SEE SHEET ONE				



AD35678	BATTLE ZONE NEXT ASSY	DO NOT SCALE DRAWING	DRAWN BY
	FIRST USED ON		DATE
OUTSTANDING ECNs		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:	CHECKED BY
		ANGLES: $\pm 1^\circ$	DATE
		ENGR. MECH	DATE
		ENGR. ELECT	DATE
		INDUSTRIAL DESIGN	DATE
		HARNESS DESIGN	DATE
		PROJECT ENGR	DATE
		MFG ENGR	DATE
SIZE	DRAWING NO.	REV	
D	035678-01	A	
SCALE			
SHEET	Z	OF	3

ATARI Inc.
1265 Boregas Avenue
Sunnyvale, Calif. 94086

SCHEMATIC,
BATTLE ZONE AUX
PC. 2D.

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IC CHART

VOLTAGE / PIN NO.

TYPE	UNUSED GATES						
	GND	+5V	+22V	+12V	+15V	-15V	-5V
74LS00	7	14					
74LS02	7	14					
74S03	7	14					E3
74LS04	7	14					
7407	7	14					
74S08	7	14					
74LS20	7	14					
74LS32	7	14					C4
74LS74	7	14					
74S86	7	14					
74109	8	16					
74LS139	8	16					
74LS161	8	16					
74LS164	7	14					
74LS273	10	20					
74LS374	10	20					
LM324	11	4					MS, M5, M5
555	1	8					
4066	7	14					
CO1294 - 01	1	17					
137004 - 001	30	10					
825123 (PROM)	8	16					
825129 (PROM)	8	16					

MEMORY MAP

ADDRESS	DATA	FUNCTION
1XXXXXX	111111	BOARD NOT ENABLED
01XXXXX	111111	M BOX STATUS
001XXXX	111111	M BOX READ LOW
0001XXXX	111111	M BOX READ HI
00001XXXX	111111	SWITCHES
000001XXXX	111111	MOTOR SOUND
0000001XXXX	111111	START LED
00000001XXXX	111111	SOUND ENABLE
000000001XXXX	111111	ENGINE SOUND
0000000001XXXX	111111	SHELL LOUDNESS
00000000001XXXX	111111	SHELL SOUND
000000000001XXXX	111111	EXPLOSION LOUDNESS
0000000000001XXXX	111111	EXPLOSION SOUND
00000000000001XXXX	111111	M BOX START

REVISIONS				
SYM	DESCRIPTION	DATE	INCORP	CHECK
3	PRE - PROD. RELEASE	6/18/80	EM	MM 80
A	PROD REL.	6/18/80	EM	MM 80

REFERENCE DESIG	
HIGHEST	NOT USED
R52 C35 CR2	R4

NOTES :

- 44 PIN EDGE CONNECTOR
- 24 PIN STRIP CONNECTOR
- 12 PIN TEST CONNECTOR

AO35678	BATTLE ZONE	DO NOT SCALE DRAWING	DRAWN BY EM DATE 6/18/80
NEXT ASSY	FIRST USED ON	CHECKED BY DATE	REVISIONS
OUTSTANDING ECNs			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:			
ANGLES ±1° XX ± XX ±			
SURFACE FINISH XXX ±			
MATERIAL:			
HARNESS DESIGN DATE			
FINISH:			
PROJECT ENGR	DATE	DATE	ATARI Inc. 1265 Borregas Avenue Sunnyvale, Calif. 94086
MFGR ENGR	DATE	DATE	TITLE SCHEMATIC, BATTLE ZONE AUX. P.C. BD.
SIZE D	DRAWING NO. 035678 - 01	REV A	SCHEMATIC
SCALE —	SHEET 1 OF 3		

