

digital

KC341-B

Engineering Drawings

Digital Equipment Corporation

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THIS IS PRINT SET ☐☐☐☐

SEQUENCE

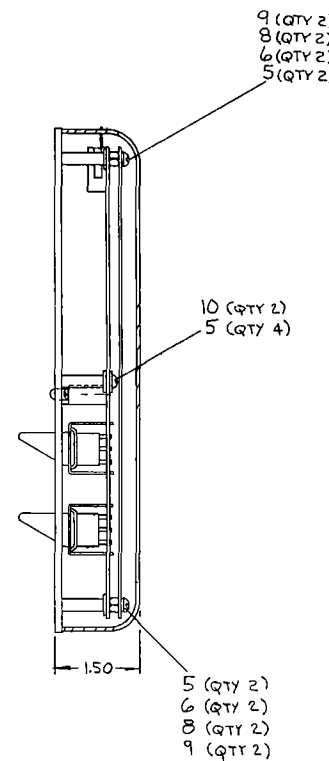
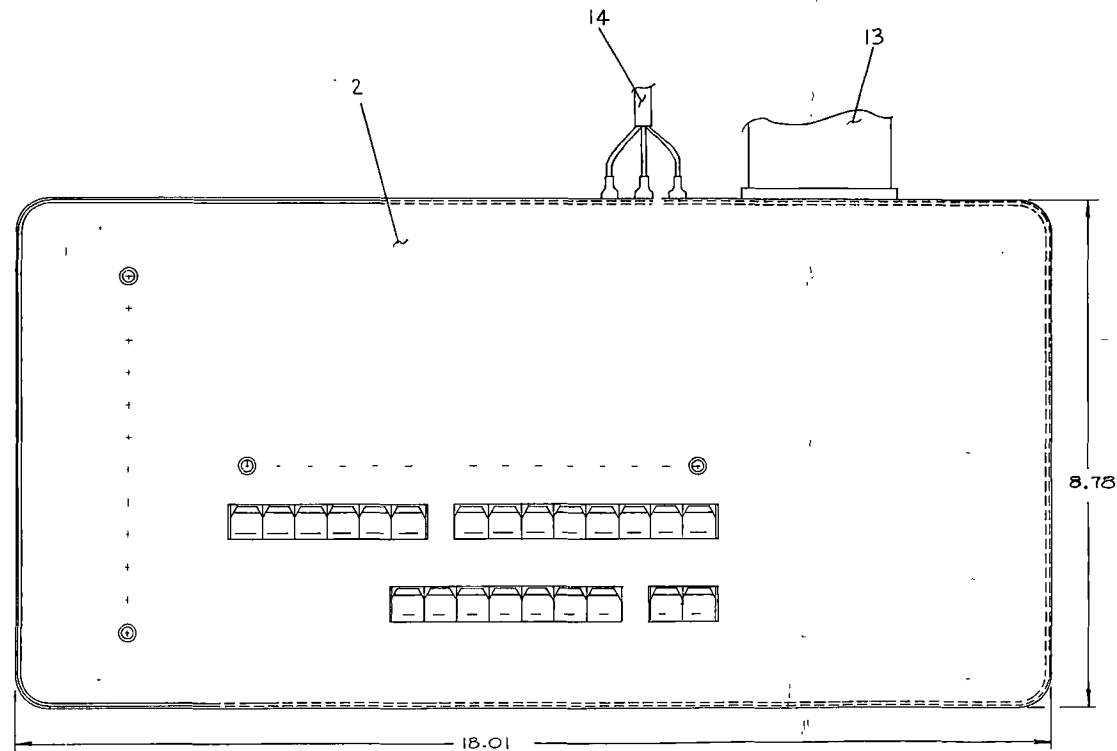
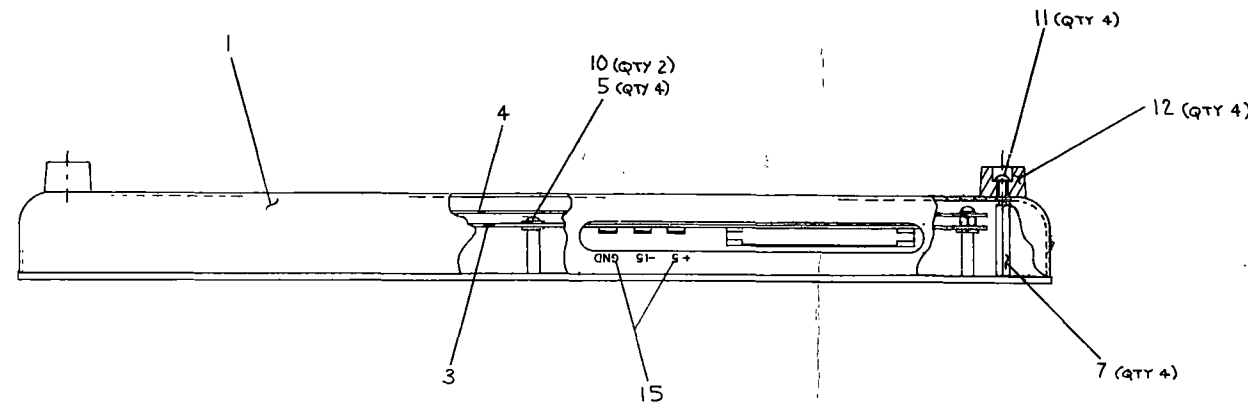
B-DD-KC341-B
E-UA-KC341-B-Ø
D-CS-M7342-Ø-I

[illegible]

REVISIONS			USED ON OPTION/MODEL	DRN.	DATE	TITLE MONITOR CONTROL PANEL (KC341-B)									
DATE	CHG. NO.	REV		PHIL REED	5-31-74										
7-74	KC341-1	A		CHK'D.	DATE										
8-74	KC341-B-1	B		Phil Reed	6-3-74										
9-74	KC341B-2	C		PROV. ENG.	DATE										
				John [Signature]	6/3/74										
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			W. L. [Signature]	6/6/74											
			FIELD SERV.	DATE											
			[Signature]	6/1/74											
			SHEET 1 OF 2			SIZE	CODE	NUMBER						REV	
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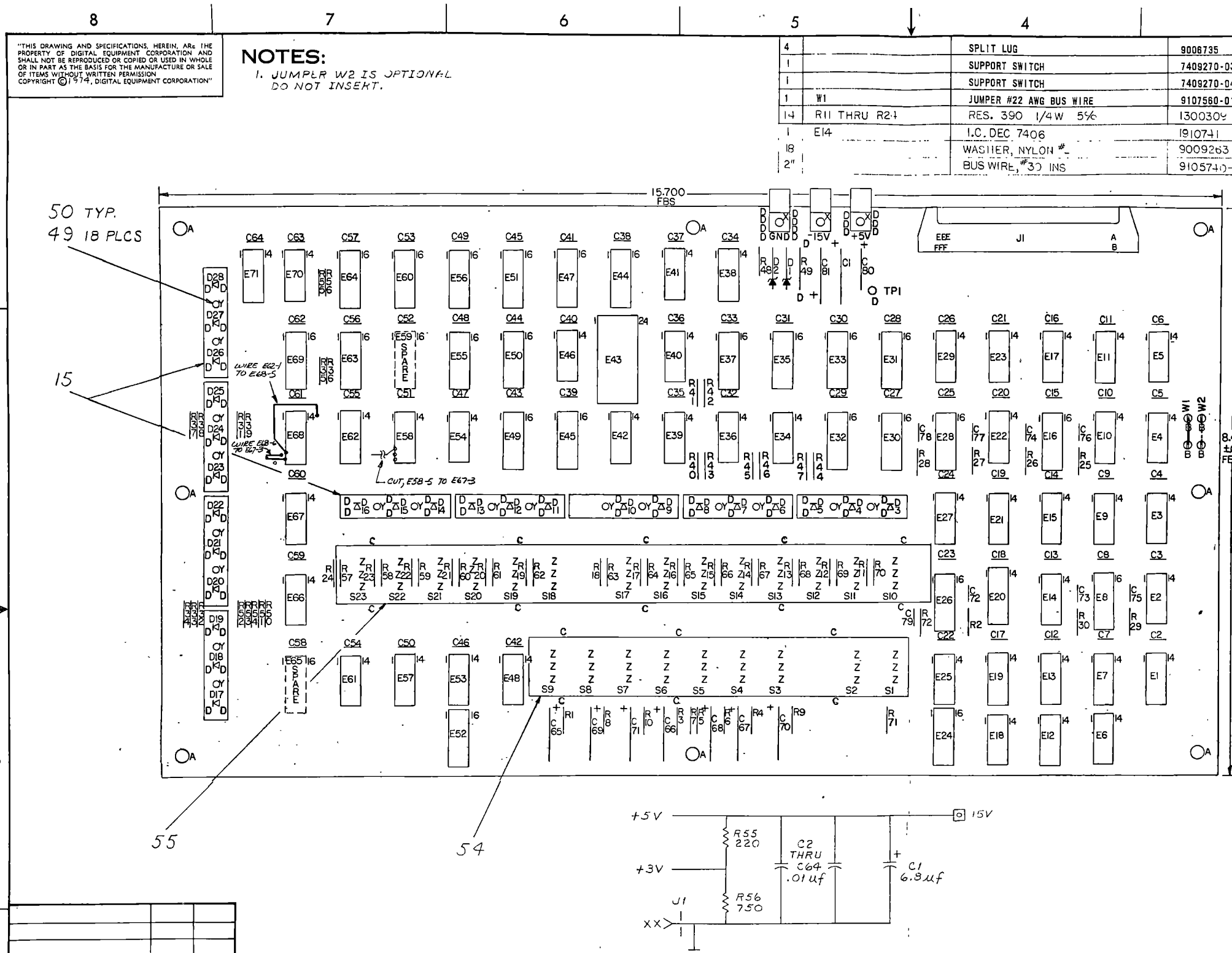
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X						1	E-UA-KC341-B-Ø A-SP-KC341-B-1	A	1	MONITOR CONTROL PANEL TEST PROCEDURE									1	E-UA-KC341-B-Ø D-MD-7411761-0-0 C-MD-7411834-0-0 D-IA-BCØ5W-Ø4-Ø D-IA-BCØ5Y-Ø4-Ø A-DC-7408856-0-0	B	1	MONITOR CONTROL PANEL BOX, CONSOLE INSULATOR CABLE, SIG. 50 CONDUCTOR CABLE, POWER MCP DECALS, DISTRIBUTION	
X						3	D-CS-M7342-Ø-1 K-CO-M7342-Ø-4 D-AH-M7342-Ø-5 B-MH-M7342-Ø-6 5010889	#	4	MODULE MONITOR CONTROL X-Y COORDINATE HOLE LAYOUT ASSY/DRILLING HOLE LAYOUT MODULE ECO HISTORY PM MONITOR/CONTROL									2	D-IA-7411760-0-0 C-SS-7411760-0-1 C-SS-7411760-0-2			PANEL, CONSOLE SILK SCREEN SILK SCREEN	

CUSTOMER PRINT SET CODES	X = PRINT OF DOCUMENT INCLUDED IN PRINT SET C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED	TITLE MONITOR CONTROL PANEL	SHEET 2 OF 2	SIZE CODE B DD	NUMBER KC341-B	REV C
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A/R	DECALS, DISTRIBUTION	A-DC-7408854-0-0	15
1	CABLE, POWER MCP	BC05Y-04-0	14
1	CABLE, SIG. 50 CONDUCTOR	BC05W-04-0	13
4	BUMPER, RECESS	9009267	12
4	SCR, PHL TRUSS HD #6-32x3/4	9006025-3	11
4	SCR, PHL PAN HD #6-32x3/4	9006022-1	10
4	SCR, PHL PAN HD #6-32x3/4	9006024-1	9
4	WASHER, EXT. TOOTH #6	9007649	8
4	SPACER, HEX #6-32x3/4 AFN 1/4	9006864	7
4	SPACER, ALLUM #6, 1/4 AFN 3/16	9006796	6
12	WASHER, NYLON #6	9006707	5
1	INSULATOR	C-MD-7411834-0-0	4
1	MODULE, MONITOR CONTROL	D-OS-M7342-B-1	3
1	PANEL, CONSOLE	D-IR-7411760-0-0	2
1	BOX, CONSOLE	D-MD-7411761-0-0	1

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724. 1-15-35
725. 2-15-35
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727. 4-15-35
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801. 6-15-41
802. 7-15-41
803. 8-15-41
804. 9-15-41
805. 10-15-41
806. 11-15-41
807. 12-15



4	SPLIT LUG	9008735	53
1	SUPPORT SWITCH	7409270-03	54
1	SUPPORT SWITCH	7409270-04	55
1	W1	JUMPER #22 AWG BUS WIRE	9107560-01
14	R11 THRU R24	RES. 390 1/4W 5%	1300309
1	E14	I.C. DEC 7406	1910741
18		WASHER, NYLON #	9009263
2		BUS WIRE, #30 INS	9105740-55

2	DCS M7342-0-1	1
REF	X-Y COORDINATE HOLE LOCATION	K-CO-M7342-0-4
REF	ASSY/DRILLING HOLE LAYOUT	D-AH-M7342-0-5
REF	MODULE ECO HISTORY	B-MH-M7342-0-6
1	ETCHED CIRCUIT BOARD	5010689
63	C2 THRU C64	CAP .01 UF 100V 20% DISC
2	C1, C81	CAP 6.8 UF 35V 10% TANT
8	C72 THRU C79	CAP 18 PF 100V 5% DM
7	C65 THRU C71	CAP 10 UF 20V 10% TANT
1	C80	CAP .68 UF 35V 10% TANT
1	D2	DIODE ZENER IN748A 3.9V
1	D1	DIODE ZENER IN751A 5.1V
26	D3 THRU D28	DIODE (LIGHT EMITTING)
7	S1, S2, S4, S6, S7, S8, S9	SWITCH (TOGGLE, MOMENTARY)
16	S3, S5, S10 THRU S23	SWITCH (ALTERNATE)
9		HOLDER (LED, TRIPLE)
23		HANDLE (SWITCH)
1	J1	CONNECTOR (50 PIN 3M)
1	(E43)	SOCKET (24 PIN)
2	E24, E52	SOCKET (16 PIN)
12	R31 THRU R34, R37 THRU R39, R50 THRU R54	RES. 180 1/4W 5%
25	R35, R36, R40 THRU R47, R57 THRU R70, R71	RES. 1K 1/4W 5%
8	R2, R72, R25, THRU R30	RES. 10K 1/4W 5%
1	R49	RES. 120 1/2W 5%
1	R48	RES. 30K 1/4W 5%
1	R55	RES. 220 1/4W 5%
1	R56	RES. 750 1/4W 5%
7	R1, R3, R4, R6, R8, R9, R10	RES. 470 1/4W 5%
2	R5, R7	RES. 47 1/4W 5%
2	E23, E29	I.C. DEC 384
5	E7, E17, E20, E62, E70	I.C. DEC 7400
7	E36, E38, E41, E5, E6, E34, E71	I.C. DEC 7401
3	E12, E48, E68	I.C. DEC 7404
2	E39, E42	I.C. DEC 7405
5	E1, E2, E4, E18, E66	I.C. DEC 7408
2	E53, E54	I.C. DEC 7410
3	E21, E25, E58	I.C. DEC 7414
2	E40, E61	I.C. DEC 7417
9	E3, E9, E11, E13, E15, E19, E22, E27, E67	I.C. DEC 7474
4	E30, E32, E35, E37	I.C. DEC 7489
4	E31, E33, E44, E47	I.C. DEC 8234
1	E57	I.C. DEC 8815
1	E43	I.C. DEC 1702A
1	E46	I.C. DEC 74H11
1	E10	I.C. DEC 74H21
4	E8, E16, E26, E28	I.C. DEC 74123
2	E63, E69	I.C. DEC 74145
4	E50, E55, E60, E64	I.C. DEC 74153
4	E45, E49, E51, E56	I.C. DEC 74193
18		HEX NUT #2-56
18		SCREW, PAN HEAD #2-56 X 7/8 LG
3		TAB, FASTON
3		EYELET, TAB

I.C. DEC 8234	8	16
I.C. DEC 74193	8	16
I.C. DEC 74153	8	16
I.C. DEC 74145	8	16
I.C. DEC 74123	8	16
I.C. DEC 7489	8	16
IC TYPE	GND	+5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE.		
IC PIN LOCATIONS		

FIRST USED ON OPTION MODEL

ETCH BOARD REV C

REVISIONS

DEC NO EIA NO DEC NO EIA NO

SEMICONDUCTOR CONVERSION CHART

DRN 4-26-74

CHKD 5-17-74

ENG 6/15/74

PROJ ENG 6/15/74

PROD 6/15/74

NEXT HIGHER ASSY

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

TITLE P.M. MONITOR/CONTROL MODULE

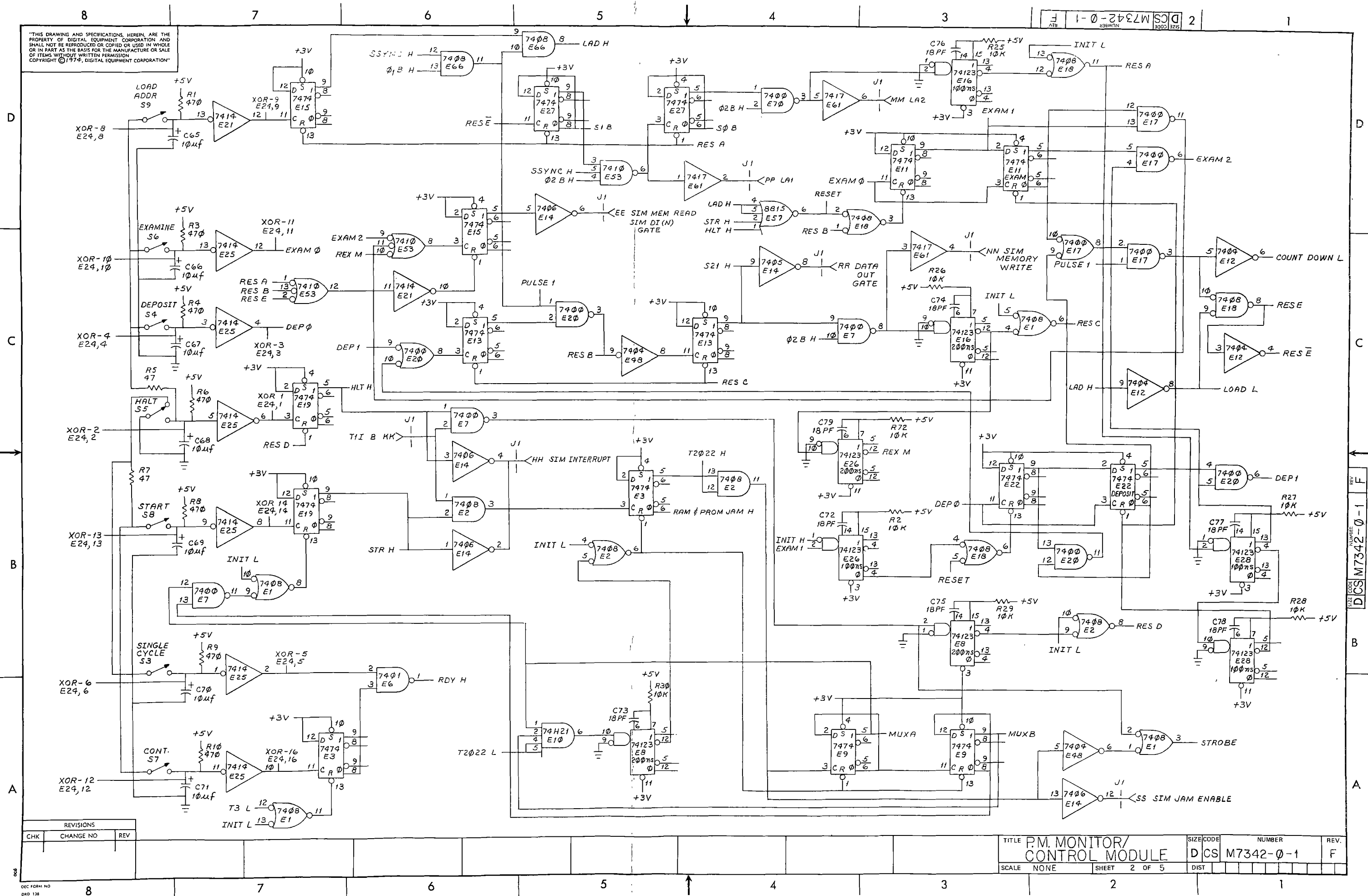
SIZE CODE DCS M7342-0-1

NUMBER

REV. F

SCALE NONE

SHEET 1 OF 5



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D

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A

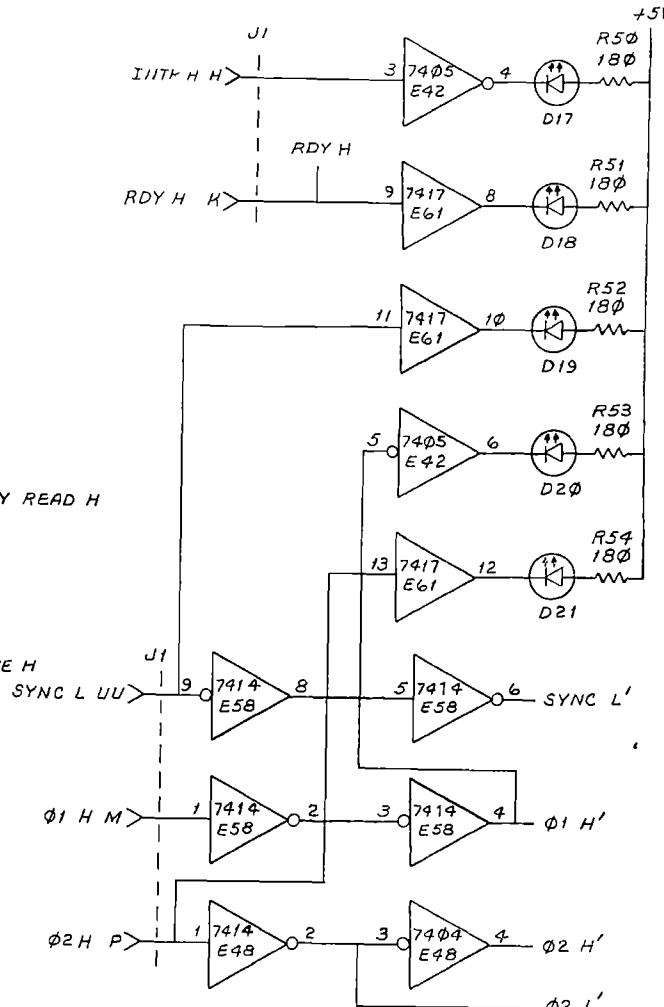
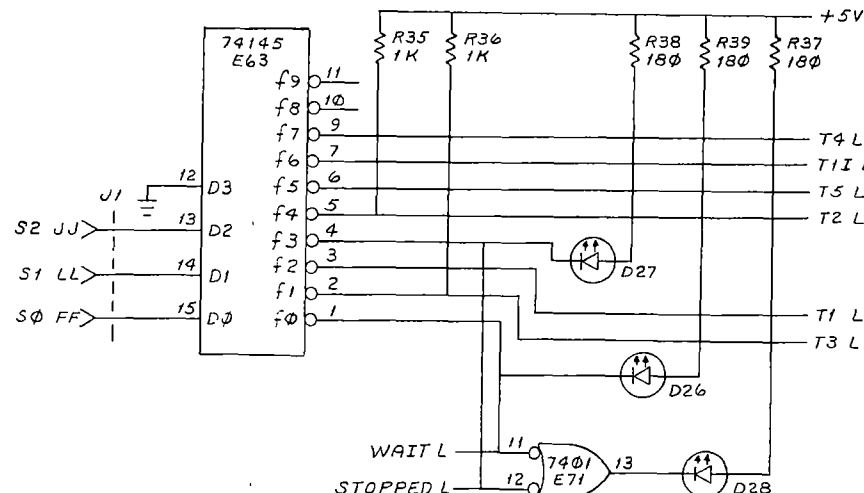
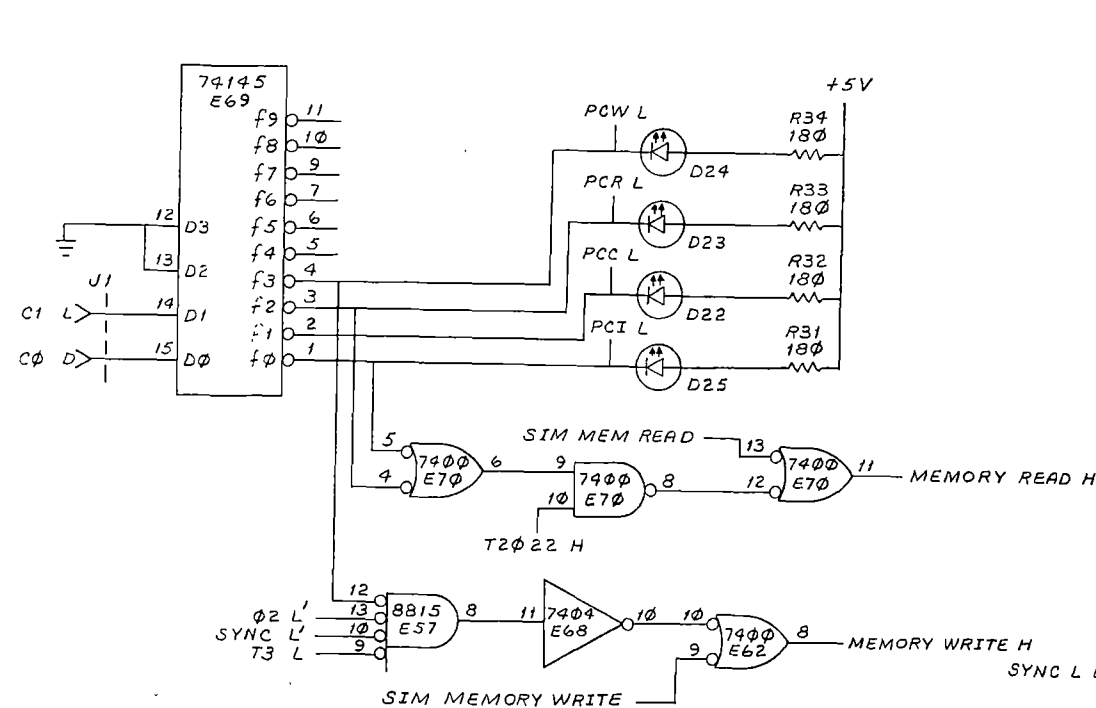
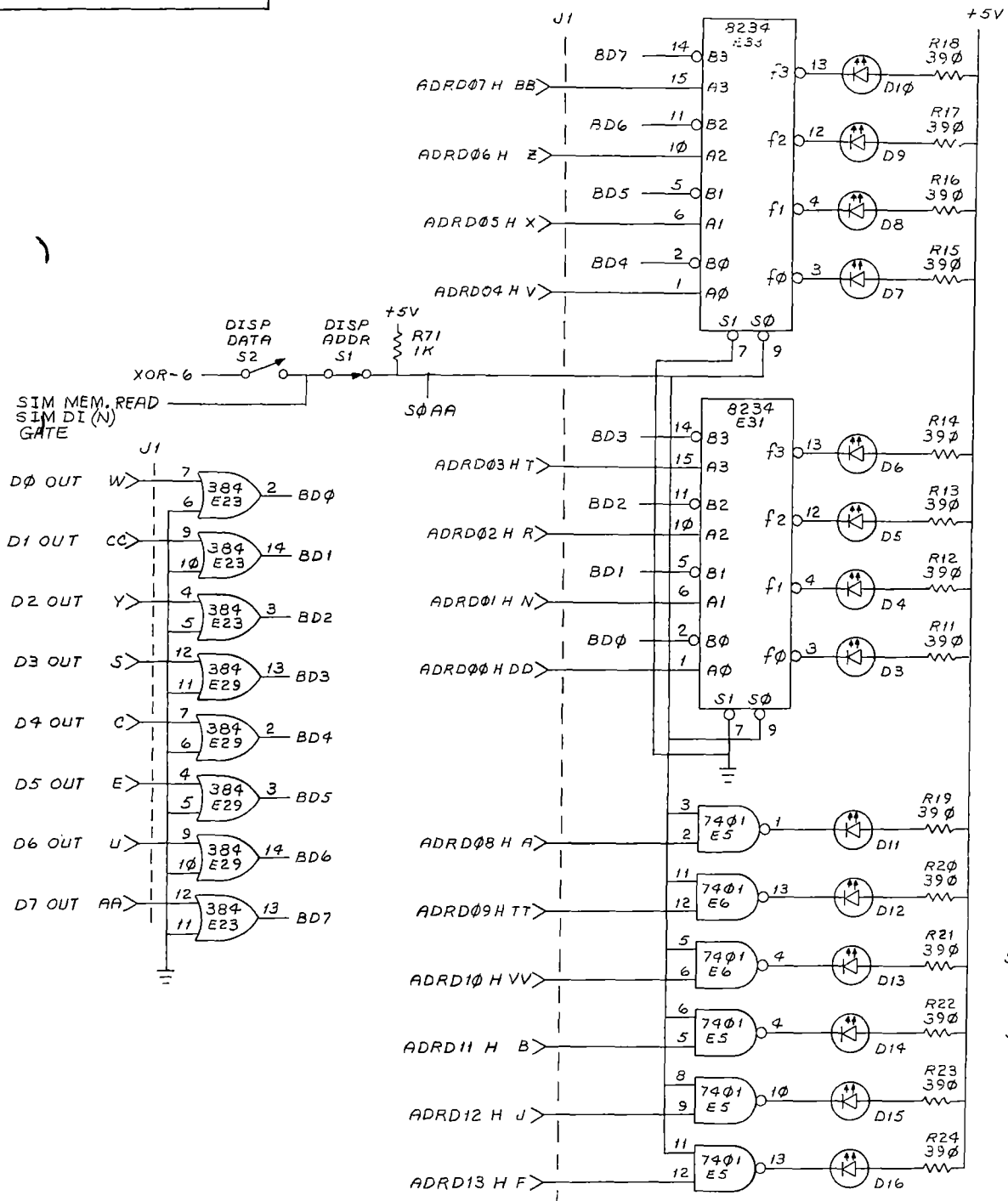
D

C

B

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DCS M7342-0-1
REV F



REVISIONS		
CHK	CHANGE NO	REV

REC FORM NO 11-1

TITLE P.M. MONITOR/CONTROL MODULE
SCALE NONE SHEET 3 OF 5
SIZE CODE DCS M7342-0-1
NUMBER REV. F

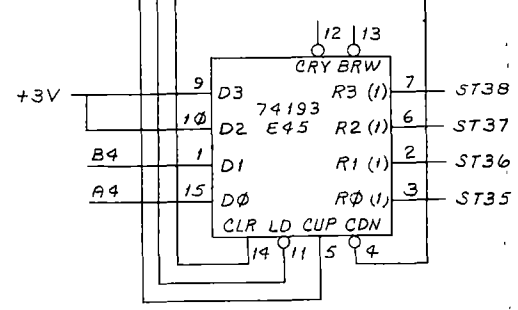
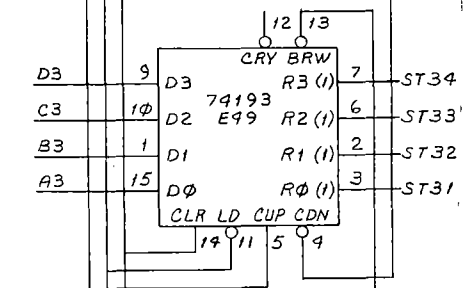
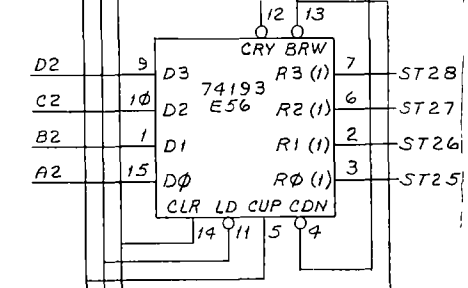
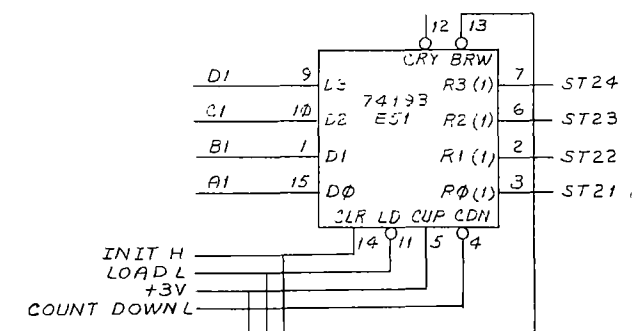
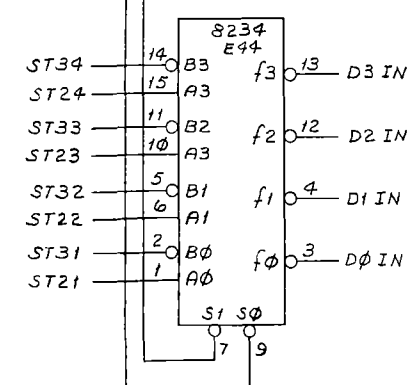
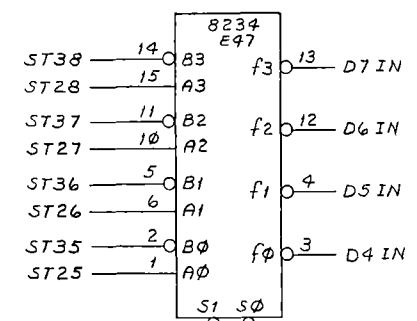
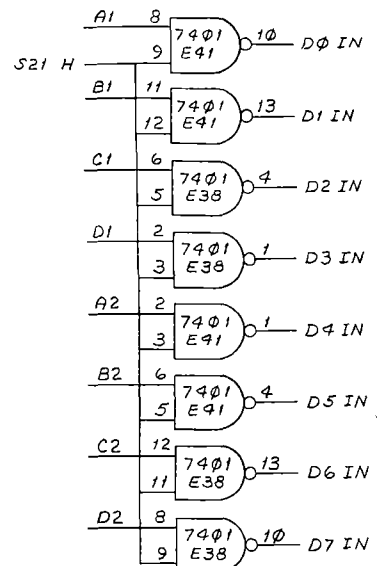
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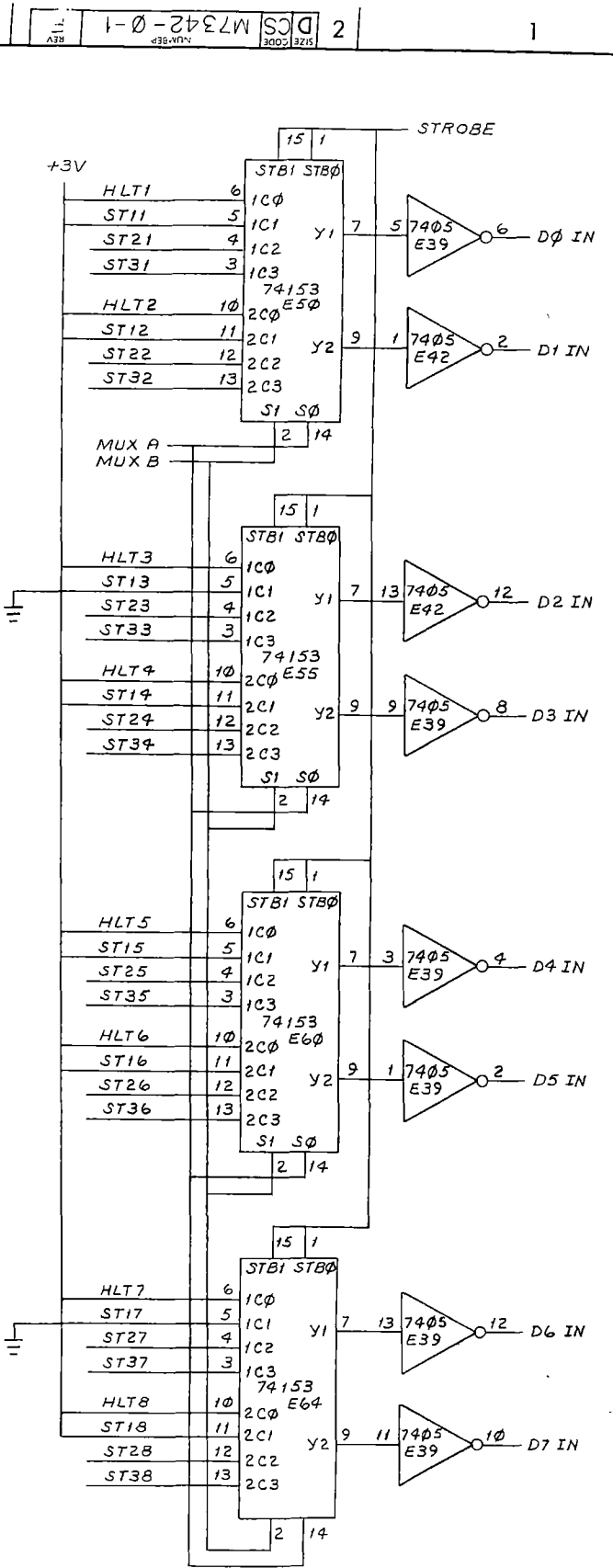
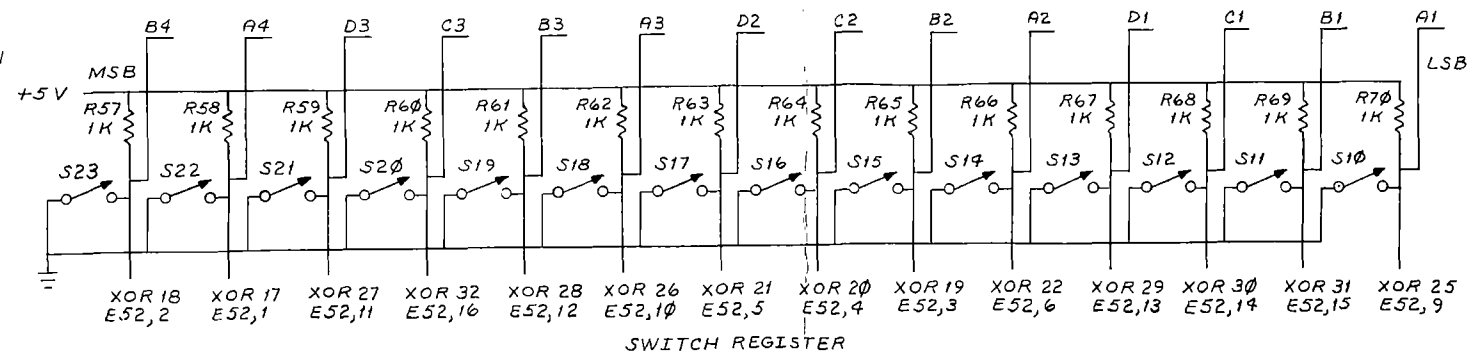
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S	A	FN
0	0	C0
0	1	C1
1	0	C2
1	1	C3

74153

S0	S1	FN
0	0	0
0	1	1
1	0	2
1	1	3



D

C

B

A

CHK	CHANGE NO	REV

TITLE	P.M. MONITOR/CONTROL MODULE	SIZE CODE	D CS M7342-0-1	NUMBER	REV.
SCALE	NONE	SHEET	1 OF 5	DIST	

