

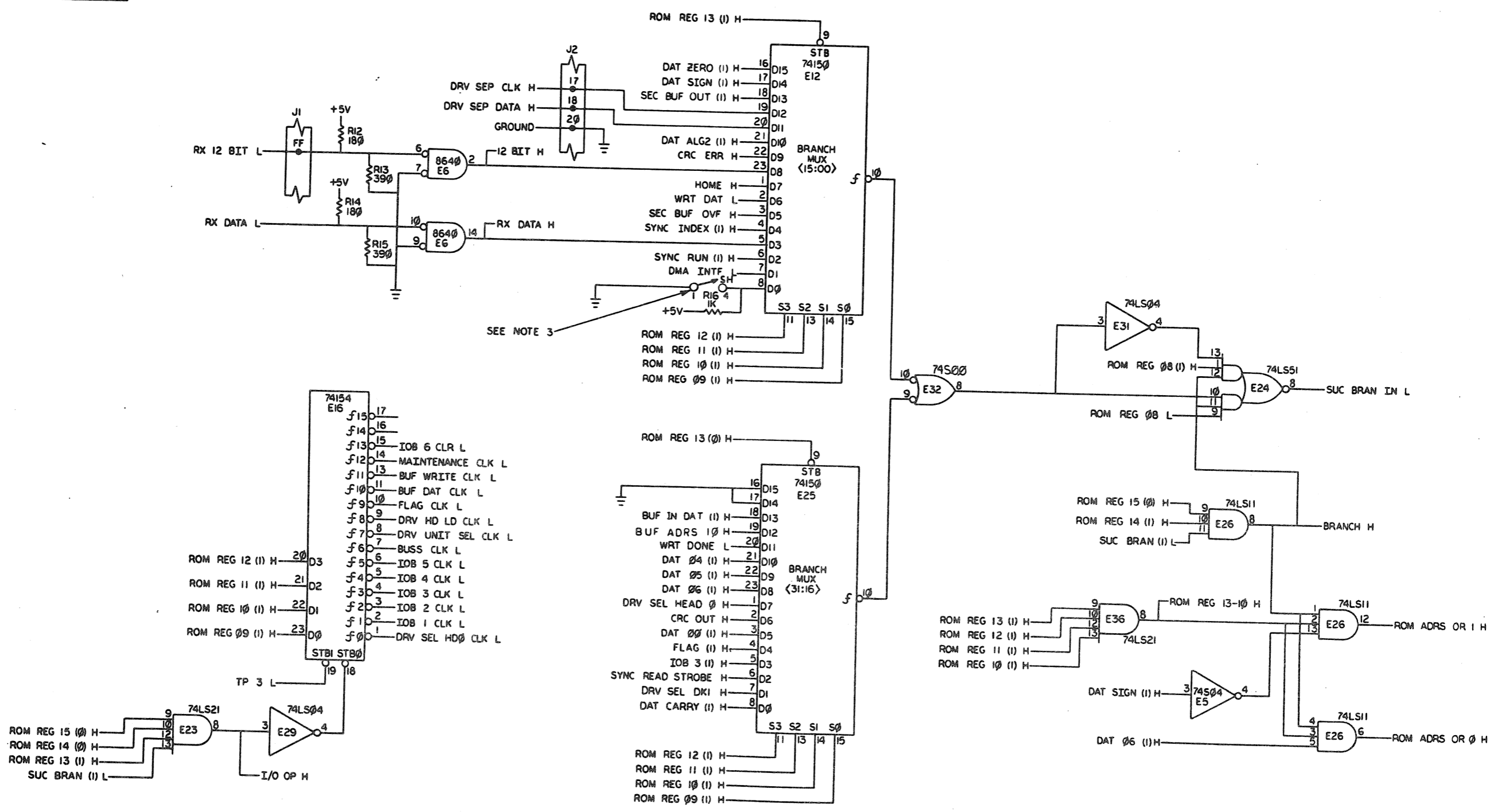
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1-0-77217 M7744-0-1 2

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REVISIONS		
CHK	CHANGE NO.	REV.

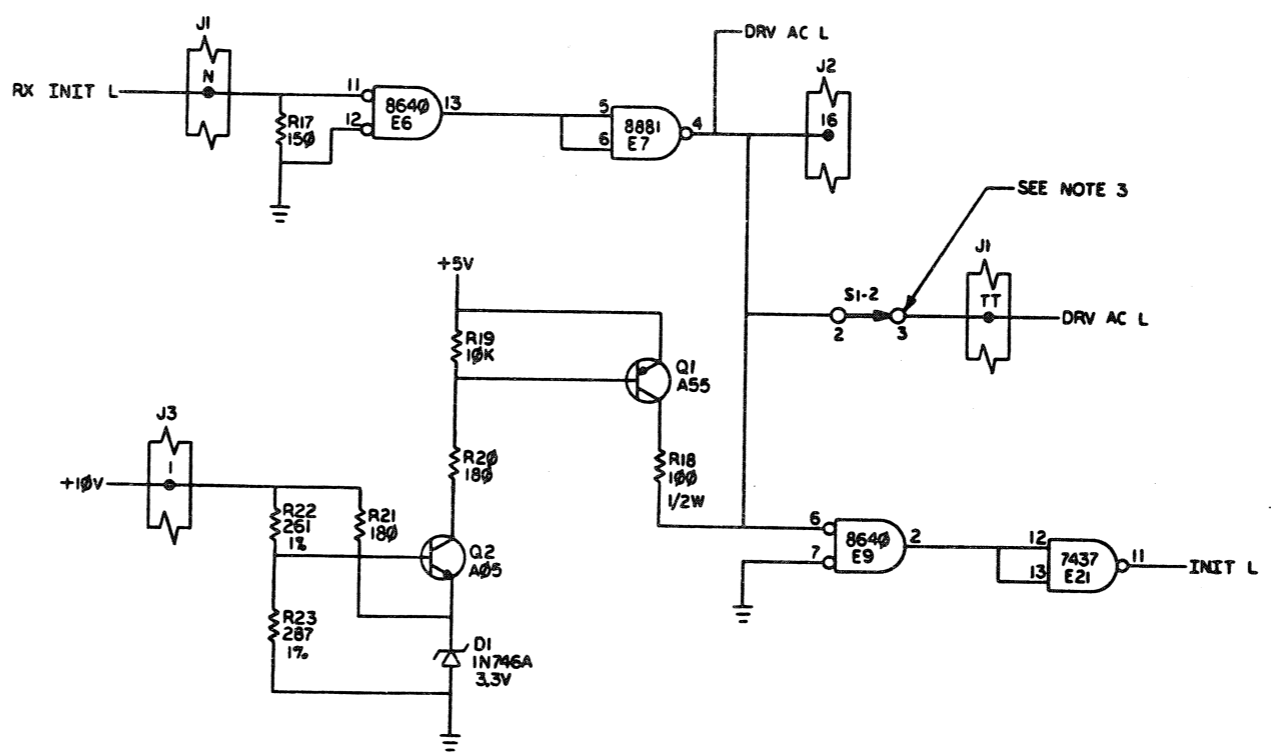
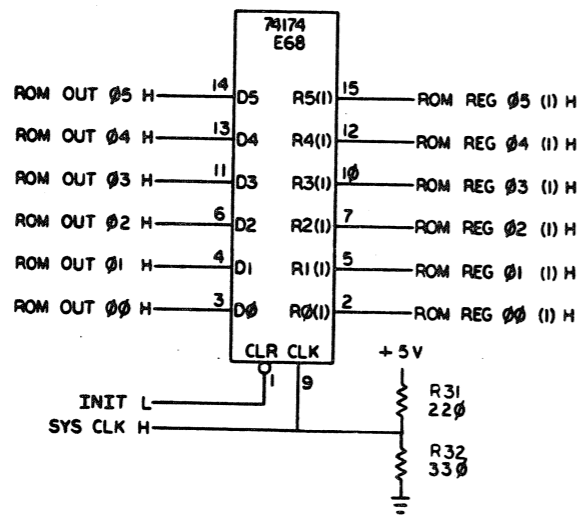
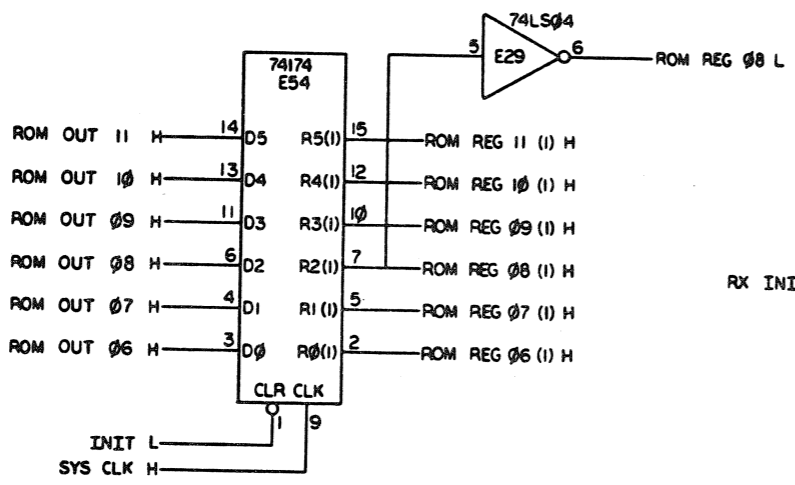
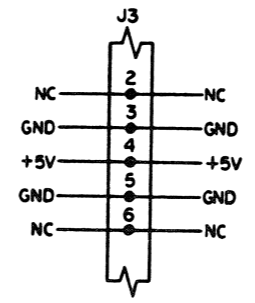
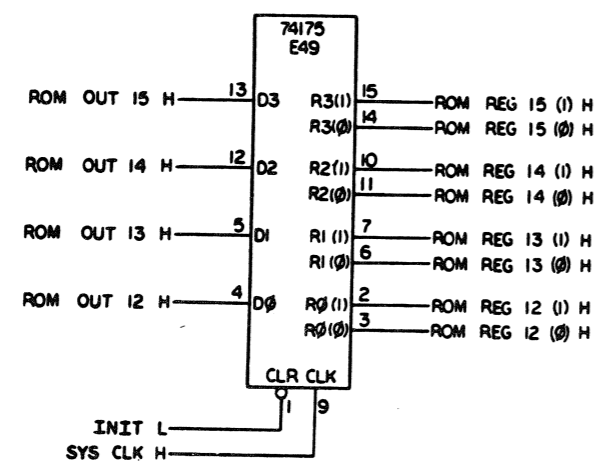
8	7	6	5	4	3	2	1	
TITLE RX02 FLOPPY DISK CONTROLLER						SIZE CODE DCS	NUMBER M7744-0-1	REV. J
SCALE						SHEET 5 OF 10	DIST.	

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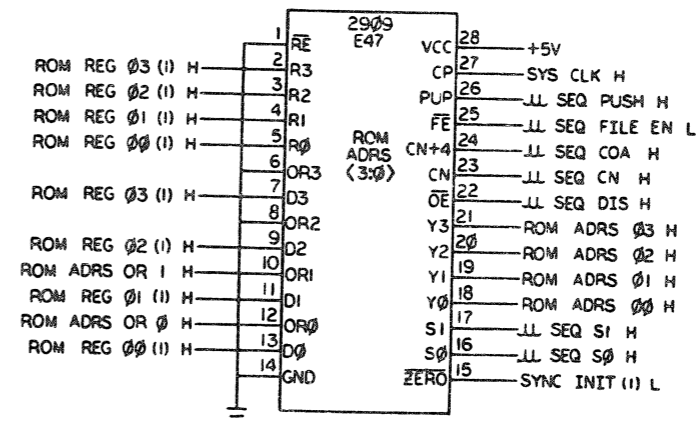
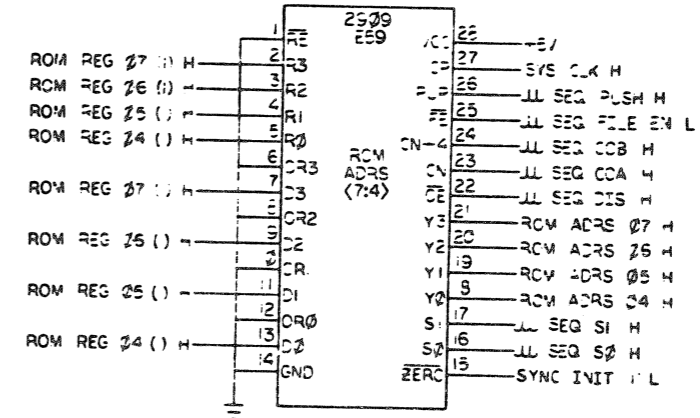
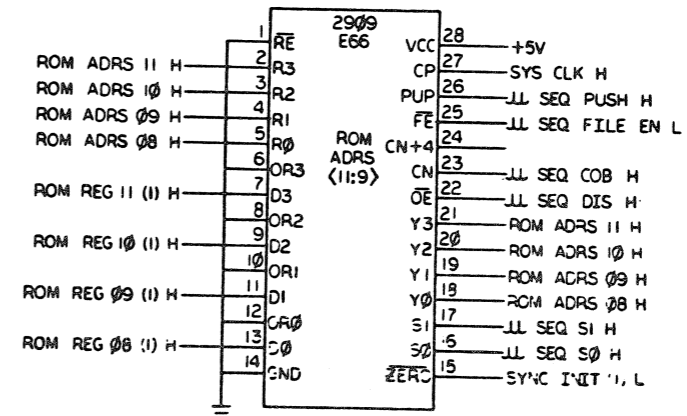
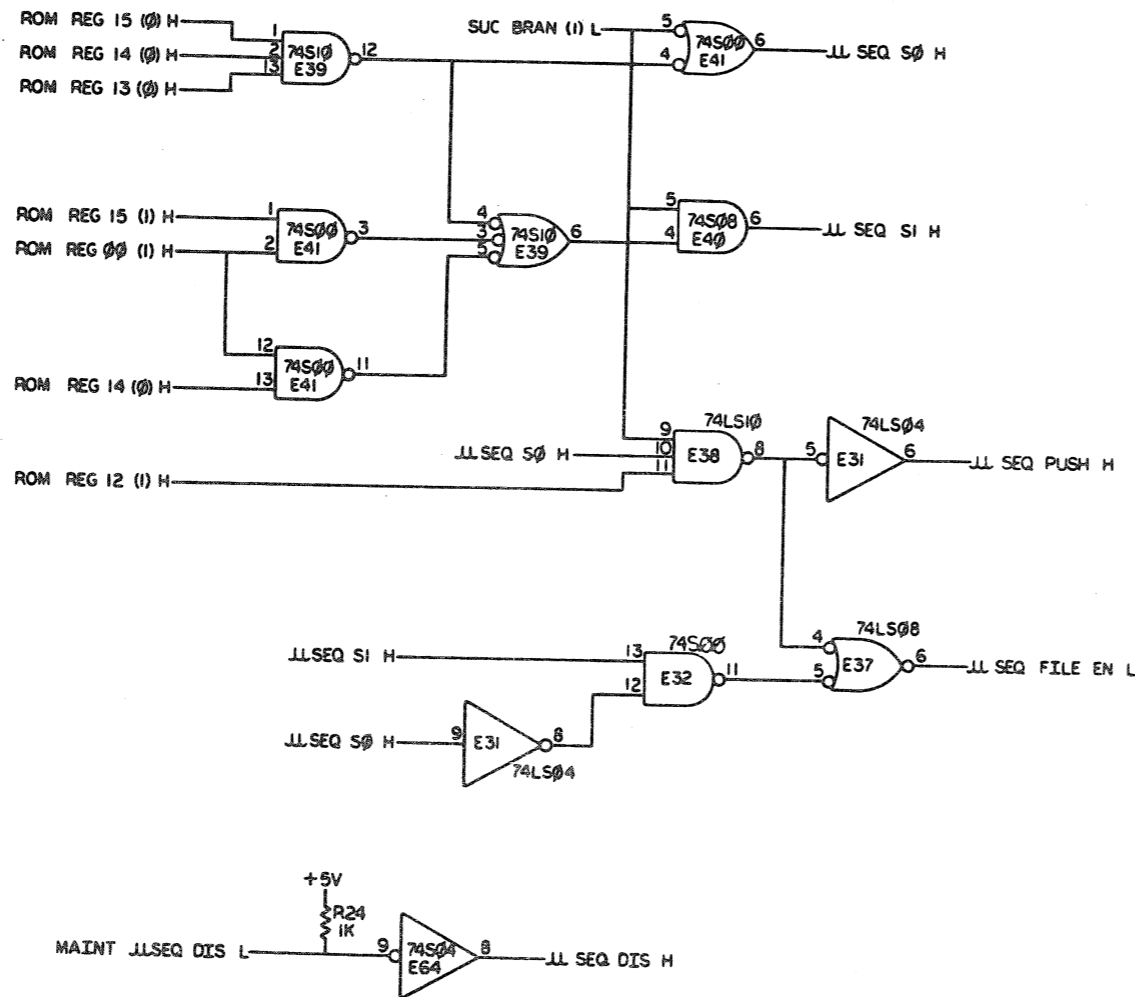


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE RX02 FLOPPY DISK CONTROLLER
 SCALE 1/1 SHEET 6 OF 10
 NUMBER DCS M7744-01
 REV. J

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10-07211W DCS 2



REVISIONS		
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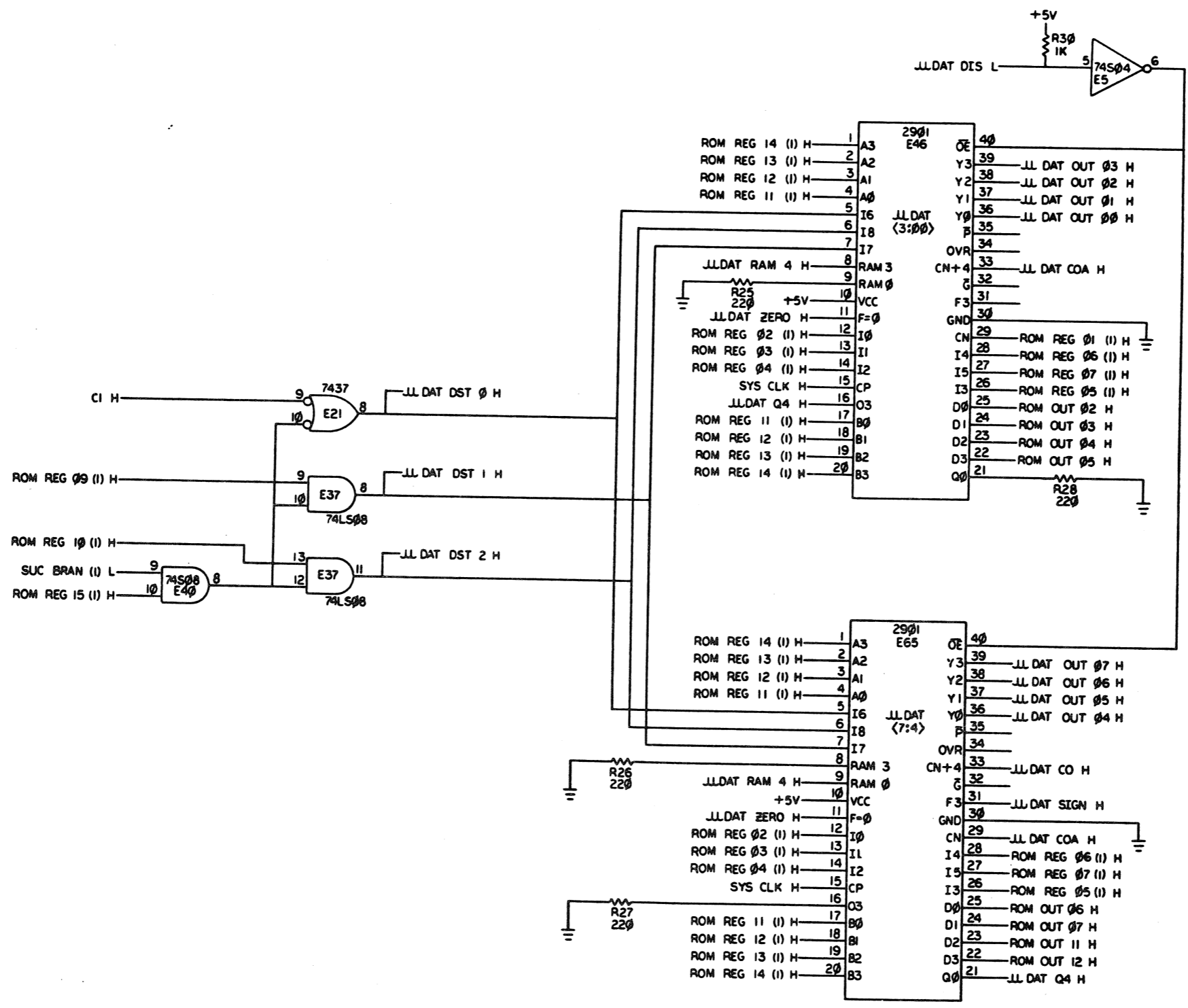
TITLE RX02 FLOPPY DISK CONTROLLER
 SIZE CODE DCS NUMBER M7744-01 REV. J
 SCALE 1/16" = 1" SHEET 7 OF 10 DIST.

23

REV. J NUMBER M7744-01

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CS M7744-01 2



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE RX02 FLOPPY DISK CONTROLLER
 SIZE CODE U CS
 NUMBER M7744-01
 REV. J
 SCALE 1/16
 SHEET 8 OF 10
 DATE

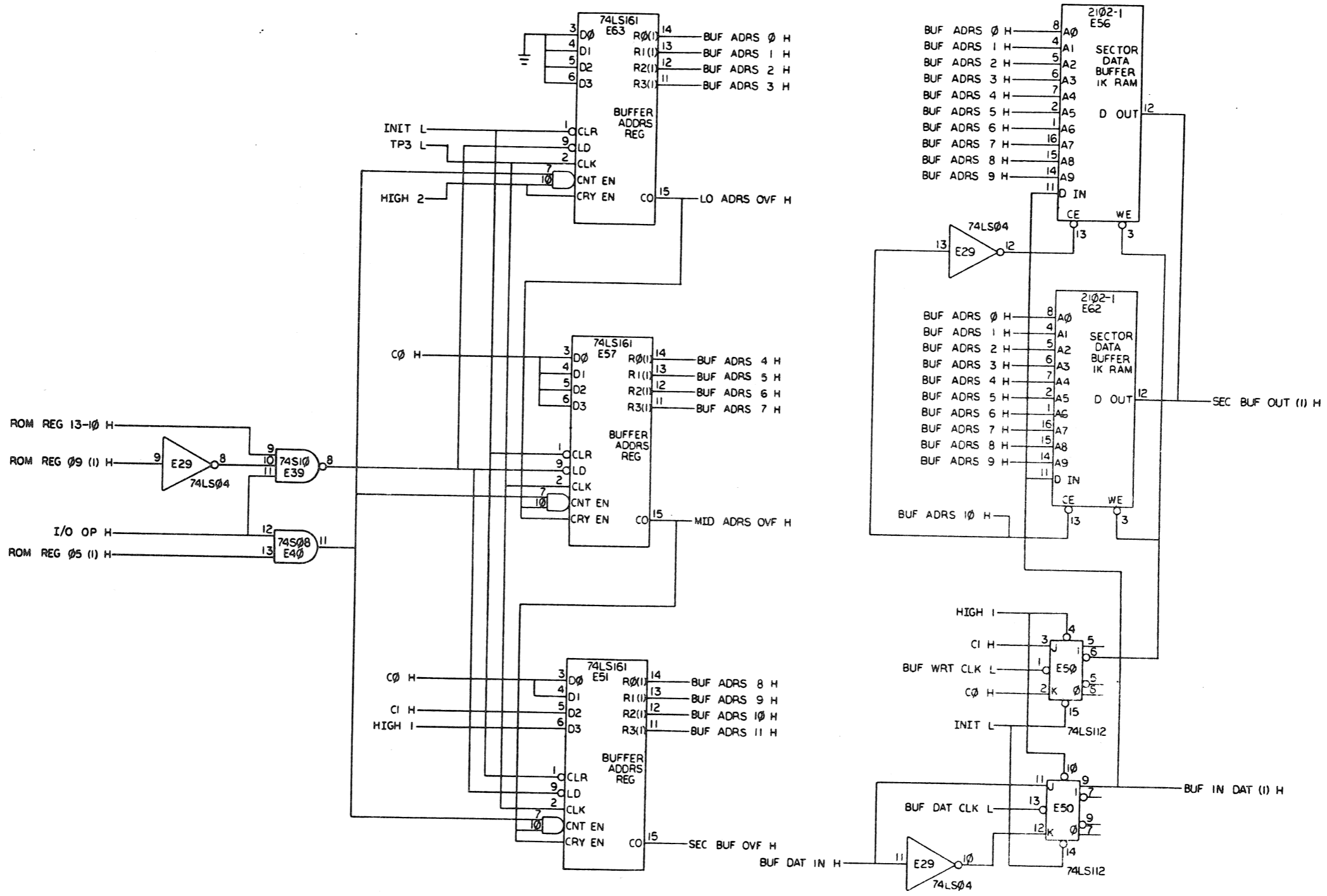
CS M7744-01 J

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CS M7744-01 2

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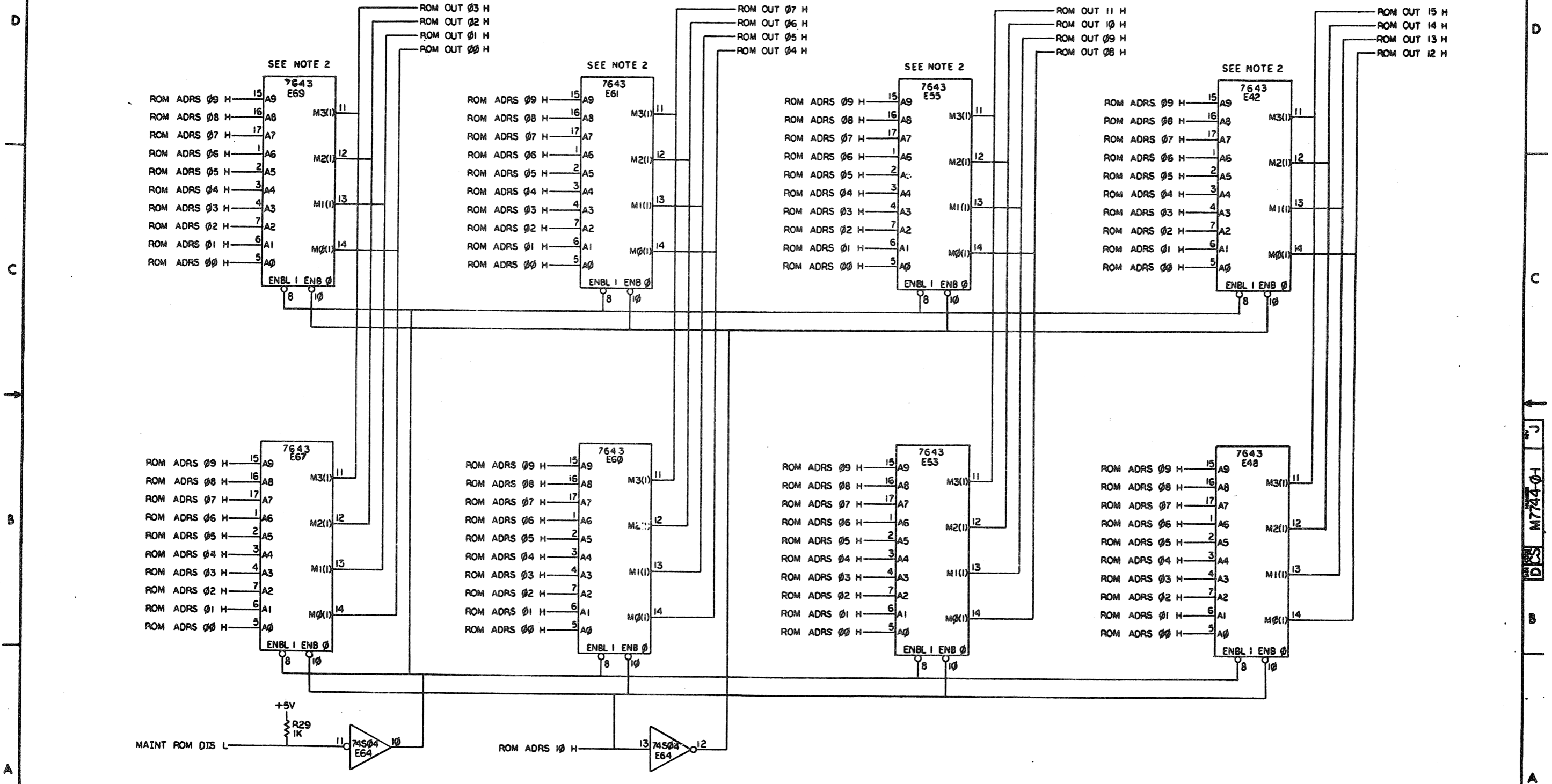


REVISIONS		
CHK	CHANGE NO.	REV.

DEC FORM NO. 110 120

TITLE RX02 FLOPPY DISK CONTROLLER
 SIZE CODE DCS
 NUMBER M7744-01
 REV. J
 SCALE 1/16" = 1" SHEET 9 OF 10 DIST.

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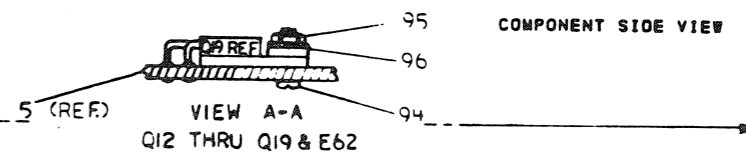
REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	RX02 FLOPPY DISK CONTROLLER	SIZE/COOR	DCS	NUMBER	M7744-01	REV.	J
SCALE	1/1	SHEET	10	OF	10	DIST.	

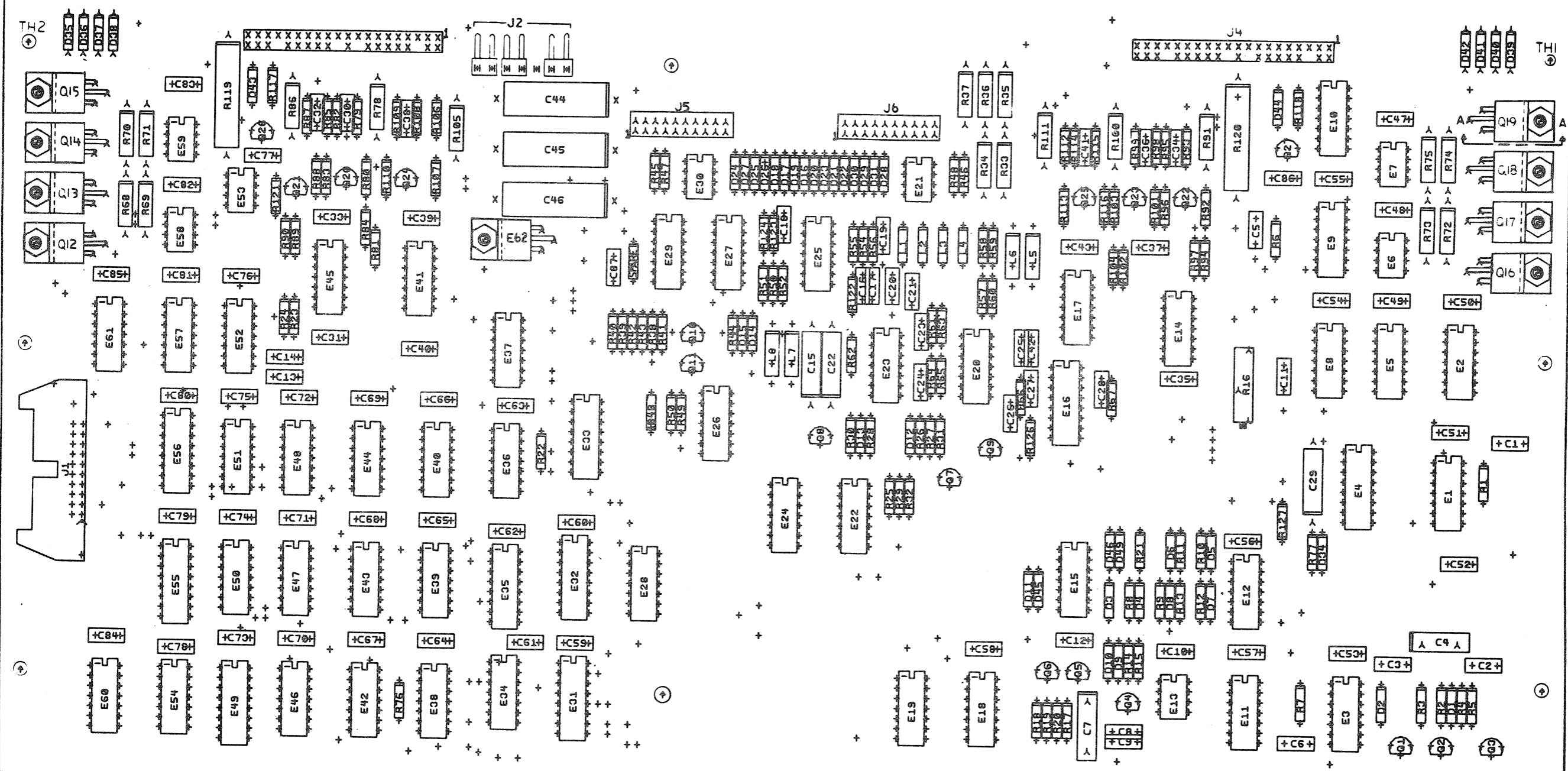
DCS M7744-01

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0-0-S-77W 2 1



15.69 REF



7.95 REF

NOTES:

STEP 2	→ Y AXIS	STEP	TIMES
REPEAT	→ X AXIS	STEP	TIMES

CHG	CHANGE NO	REV
REDAWN	J	
M7745-		
ML007		

ETCH REV. F-P2

SIGNATURES	DATE
DRN. <i>[Signature]</i>	4-24-70
CHK'D. <i>[Signature]</i>	5-28-70
MECH. ENG. <i>[Signature]</i>	7-24-70
PROJ. ENG. <i>[Signature]</i>	7-24-70
SCALE 2/1	
SHT. OF	
NEXT HIGHER ASSY. B-DD-M7745-0	

digital	
TITLE RX02 R/W CONTROL	
SIZE CODE	NUMBER
0 UA	M7745-0-0
REV	J

1 MS# 264592

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
				00	
1	5	D-MD-5012956-0-0	5012956-00	RX02	1
2	6		1005820-00	22.0 MMF 100V 5%200PFM MICA	2
3	7		1000016-00	100.0 MMF 100V 5%200PFM MICA	1
4	8		1000020-00	180.0 MMF 100V 5%200PFM MICA	8
5	9		1001383-00	4700.0 MMF 100V 3%200PFM MICA	1
6	10		1000042-00	1000.0 MMF 100V 5%200PFM MICA	1
7	11		1000026-00	680.0 MMF 100V 5%200PFM MICA	1
8	12		1012084-01	8 MFD 25V +75-10% AL EL	1
9	13		1009433-00	190 MFD 12V +75-10% AL EL	2
10	14		1000080-00	50 MFD 50V +75-10% AL EL	1
11	15		1001610-00	.01 MFD 50V +80-20% 25U CER	52
12	16		1010978-32	.047 MFD 50V 10% CER	4
13	17		1001765-00	.005 MFD 100V 20% Z5T DISC	6
14	18		1000050-00	.033 MFD 100V 10% MYLR	2
15	19		1010274-02	1 MFD 50V +80-20% CER	1
16	21		1000015-00	82.0 MMF 100V 5%200PFM MICA	1
17	22		1103309-00	D 671 TR= 6NS PIV= 50V SI	8
18	23		1105275-00	D 672 TR= 15NS PIV= 60V SI	24
19	24		1105796-00	1N 4004 PIV=400 I= 1A D041 SP	10
20	25		1110713-00	SZ710910 VZ= 5.1 2% M	3
21	26		1101938-00	1N 4370A VZ= 2.4 3% .40W	1
22	27		1610033-00	DELAY= 10-100NS,10TAPS	1
23	28		1602723-00	1000 UH 10% 125MA	4
24	29		1612946-02	22 UH 10%	2
25	30		1610661-00	56 UH 10% #DD56	2
26	31		1510705-00	XA 05 NPN 500MW SI 60 50 P	8
27	32		1510706-00	XA 55 PNP 500MW SI 60 50 P	5

REVISION HISTORY		BASIC PART NO:	M7745		DRN:	P. KENDRICK	DATE:	06-JAN-78				DIGITAL			
ENG	ECD NUMBER	REV	SECTION A	OF A	CHK'D:	A. ANDERSON	DATE:	06-JAN-78				TITLE PARTS LIST			
---	INIT	A	SECTION VARIATION INDEX		CHK'D:	A. ANDERSON	DATE:	06-JAN-78				TITLE PARTS LIST			
GM	00001	B	[A]	00								RX02 R/W CONTROL			
ER	ML002	C	[B]												
C.Y.	M7745-ML003	D	[C]		DES.ENG:	A. ANDERSON	DATE:	05-APR-78							
C.Y.	M7745-ML004	E	[D]												
JG	M7745-ML005	F	[E]									DOCUMENT NUMBER			
AA	M7745-ML006	H	[F]		RESP.ENG.:	J. GLAVIN	DATE:	05-APR-78							
D.P.	M7745-ML007	J	[G]									SIZE CODE NUMBER REV			
			[H]		MFG.ENG.:	J. MONCHELLI	DATE:	05-APR-78				K	PL	M7745-0-DBP	J
			[I]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:					FILE NAME: EDIT #			
			[J]		D-LA-M7745-0-0		#B-DD-M7745-0					Z0192J.PLS 56			

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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
28	33		1503409-00	DEC6534D PNP 310MW SI 40 90	4		Q1,Q2,Q5,Q6
29	34		1501999-00	DEC3009A NPN 300MW SI 20 25 M	1		Q3
30	35		1510233-00	2N 5460 FET 310MW SIP CHNNL	1		Q4
31	36		1510421-00	D 44CB NPN 30WT SI 60 20	8		Q12-Q19
32	37		1912799-00	LS00 NAND-GATE-QUAD 2IN,P	2		E19,E39
33	38		1912801-00	LS02 NOR-GATE-QUAD 2IN	2		E9,E60
34	39		1912803-00	6SD4 INVERTER GATE,HFL	3		E3,E26,E52
35	40		1910741-00	7406 INVERTER GATE-HEX 1I	1		E22
36	41		1912805-00	LS08 AND GATE-QUAD 2IN,PO	7		E5,E10,E24,E29,E38,E46,E57
37	42		1909929-00	7417 BUFFER GATE-HEX 1INP	2		E18,E34
38	43		1912816-00	LS32 OR GATE-QUAD 2IN,FOS	4		E1,E36,E47,E54
39	44		1905580-00	DEC 7450 A-0-I XPNDBLE GATE-D	1		E8
40	45		1912823-00	LS73 FF-JK DUAL W/CLEAR	2		E2,E61
41	46		1912824-00	LS74 FF-D DUAL,EDGE TRIGG	8		E11,E12,E40,E42-E44,E48,E50
42	47		1912837-00	LS123 ONE SHOT-DUAL,RETRIG	1		E16
43	48		1912697-00	LS174 FF-D HEX W/CLEAR	1		E55
44	49		1912854-00	LS193 COUNTER,SYNCHR,4BIT,	4		E31,E32,E35,E49
45	50		1910268-00	DEC 75107B RECEIVER,LINE,DUAL,	1		E15
46	51		1910406-00	75451 DRIVER,PERIPH,DUAL,	5		E6,E7,E53,E58,E59
47	52		1910645-00	75452 DRIVER,PERIPH,DUAL,	2		E21,E30
48	53		1910735-02	318 OP AMP	1		E13
49	54		1910337-00	DEC 1414L VOLT COMPARATOR,DUAL	5		E14,E17,E20,E41,E45
50	55		1910644-00	733 DIFFERENTIAL AMP,WID	2		E23,E25
51	56		2113632-00	4066B BILATERAL SWITCH-QUA	1		E27
52	57		1912845-00	LS153 MUX 1 OF 4 (DUAL)	1		E56
53	58		1912048-02	DEC 7812 VOLT REG,FIX +12V	1		E62
54	59		1309405-00	68.0 .50 W 5.0 % CC	6		R78,R86,R91,R100,R105,R111
55	60		1304837-00	24.0 K .25 W 5.0 % CC	4		R49,R52,R8,R13
56	61		1301425-00	300.0 .25 W 5.0 % CC	1		R76
57	62		1312931-00	6.20 K .25 W 5.0 % CC	2		R9,R11
58	63		1300271-00	220.0 .25 W 5.0 % CC	1		R22
59	65		1313590-00	1.50 K .25 W 1.0 % RN55D-F10	2		R57,R60
60	66		1302874-00	147.0 .25 W 1.0 % RN55D-F10	4		R54,R56,R58,R59
61	67		1302377-00	39.0 .25 W 5.0 % CC	1		R55
62	68		1301890-00	560.0 .25 W 5.0 % CC	1		R21
63	69		1300316-00	470.0 .25 W 5.0 % CC	5		R1,R6,R7,R23,R24
64	70		1300365-00	1.0 K .25 W 5.0 % CC	11		R2,R5,R10,R42,R43,R61,R63,R117, CONT R118,R31,R127
65	71		1302871-00	1.21 K .25 W 1.0 % RN55D-F10	5		R106,R110,R112,R116,R27
66	72		1300391-00	1.50 K .25 W 5.0 % CC	9		R38,R41,R83,R88,R96,R101,R109, CONT R115,R62
67	73		1302388-00	2.0 K .25 W 5.0 % CC	3		R19,R20,R50
68	74		1304868-00	2.74 K .25 W 1.0 % RN55D-F10	1		R30
69	75		1302389-00	4.30 K .25 W 5.0 % CC	2		R3,R4
70	76		1304856-00	4.64 K .25 W 1.0 % RN55D-F10	6		R80,R92,R103,R107,R113,R121
71	78		1300479-00	10.0 K .25 W 5.0 % CC	12		R12,R14,R26,R28,R45-R48,R79,R87, CONT R93,R99
72	79		1302941-00	14.70 K .25 W 1.0 % RN55D-F10	8		R81,R84,R89,R90,R94,R97,R102,

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							RX02 R/W CONTROL		K	PL	M7745-0-DBP	J