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QUANTITIES SHOWN REPRESENT PREFERRED CONFIGURATION

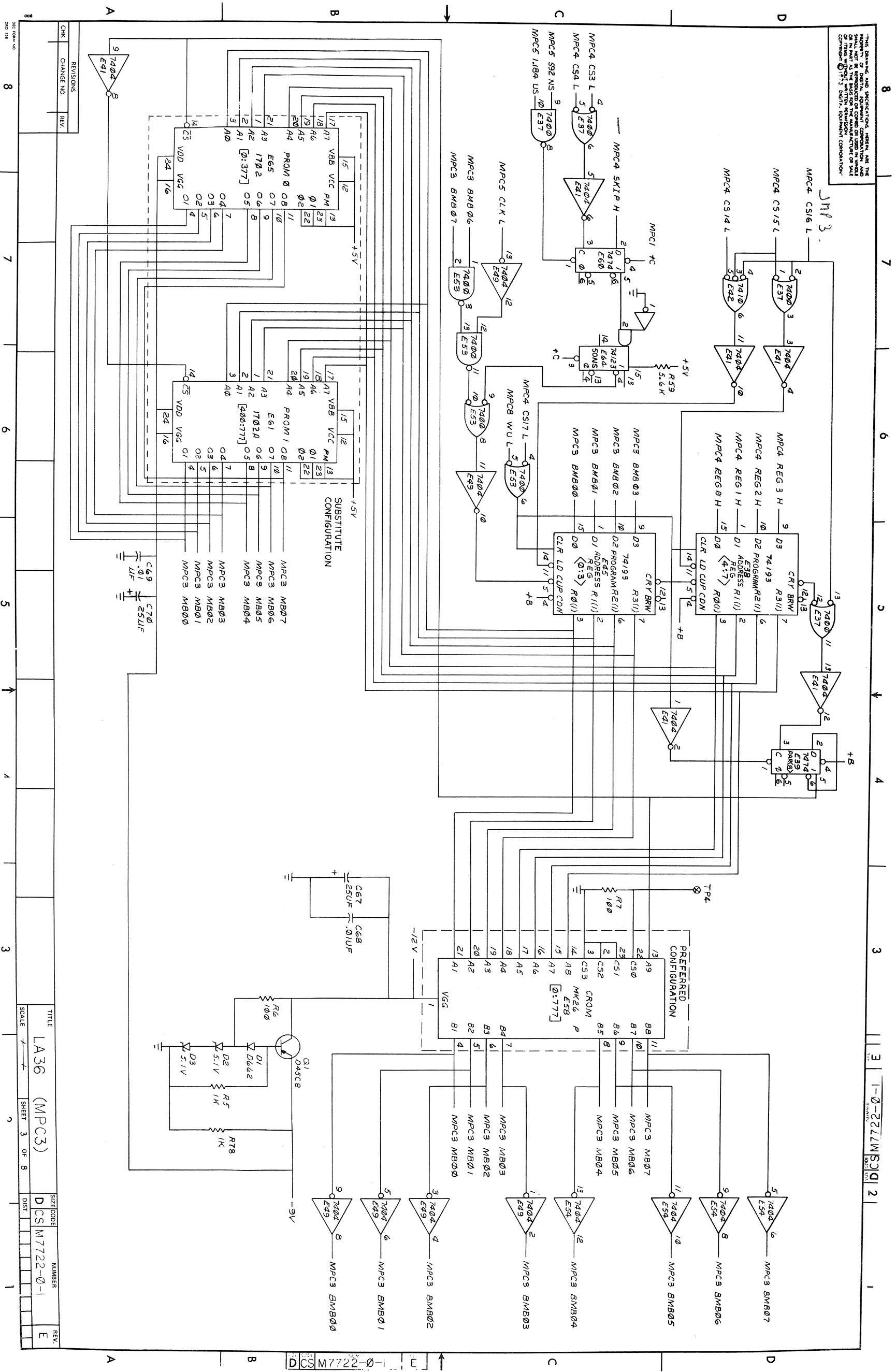
PARTS LIST

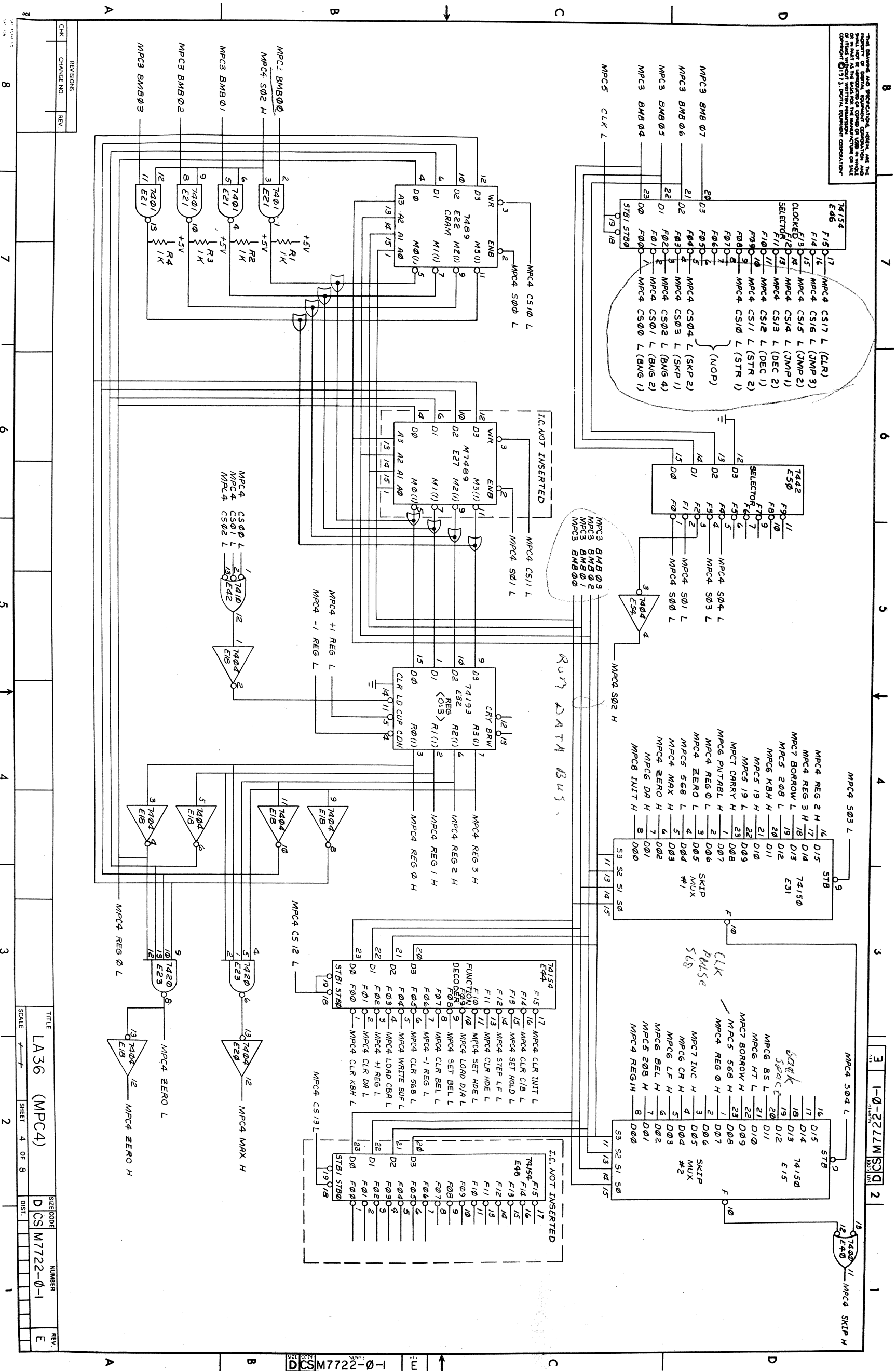
QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
REF		X-Y COORDINATE HOLE LOCATION	K-CO-W7722-B-4	1
REF		ASSY/DRILLING HOLE LAYOUT	D-AM-W7722-B-5	2
REF		MODULE ECO HISTORY	B-WH-W7722-B-6	3
1	C71, C76, C80	ETCHED CIRCUIT BOARD	5010823	4
1	C82	CAP 39PF, 100V 5%, DIPEP NICA	1808818	5
1	C82	CAP 22UF, 100V 10% NYLAR	1808837	6
5	C68, C72, C75, C79	CAP 047UF, 100V 10% NYLAR	1808851	7
70	C1, C3, C4, C8, C88, C74, C76, C91, C92	CAP 01UF 100V DISC	1801618-R1	8
6	C67, C70, C73, C77, C81, C90	CAP 25UF 25V 20% AL EL	1808075	9
6	C87 THRU C88	CAP 25UF 25V 10% AL EL	1801796	10
1	D1	D100E 0862	1108113	11
3	D8, D5, D12	D100E 0864	1108114	12
2	D9, D10	D100E 1N748A, 35V ZENER 5%	1108122	13
1	D4	D100E 1N748A, 35V ZENER 5%	1104868	14
1	D6	D100E 1N4004	1105796	15
2	D2, D3	D100E 4M 5, 1A21 SV ZENER 1%	1105873	16
2	J3, J4	CONN 8PIN MAT-N-LOK(SOCKET HOUSING)	1289348	17
2	J1, J2	CONN 40PIN BERG	1289341	18
2	R23, R27	RES 51K 1/4W 1%	1302541	19
3	R21, R25, R51	RES 1M 1/4W 5%	1302595	20
2	R29, R30	RES 47K 1/4W 5%	1308202	21
3	R6, R68, R71	RES 100K 1/4W 5%	1308229	22
1	R47	RES 150K 1/4W 5%	1308258	23
3	R33, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100	RES 330K 1/4W 5%	1308295	24
34	R1 THRU R5, R32, R34, R35, R37 THRU R46, R52, R61, R72, R73, R75, R77 THRU R87, R55	RES 1K 1/4W 5%	1308365	25
1	R31	RES 1.5K 1/4W 5%	1308391	26
1	R33, R35, R37, R39, R41, R43, R45, R47, R49, R51, R53, R55, R57, R59, R61, R63, R65, R67, R69, R71, R73, R75, R77, R79, R81, R83, R85, R87, R89, R91, R93, R95, R97, R99, R101	RES 10K 1/4W 5%	1308479	27
3	R13, R22, R26	RES 180K 1/4W 5%	1301322	28
1	R48	RES 68K 1/4W 5%	1301327	29
1	R11	RES 820K 1/4W 5%	1301775	30
6	R36, R39, R80, R87, R54, R56	RES 5.6K 1/4W 5%	1301874	31
1	R8	RES 100K 1/4W 5%	1302466	32
1	R18	RES 14.7K 1/4W 1%	1302841	33
2	R12, R14	RES 1K 1/4W 1%	1303114	34
4	R67, R68, R70, R71	RES 1K 1/4W 5%	1308568	35
1	R19	RES 3.48K 1/4W 1%	1305114	36
1	R15	RES 121K 1/4W 1%	1305255	37
2	R8, R10	RES 232K 1/4W 1%	1305424	38
1	R17	RES 30.1K 1/4W 1%	1311594	39
1	R16	RES 59K 1/4W 1%	1306525	40
2	Q7, Q8	TRANSISTOR MPSA55	1510706	41
10	Q3, Q5, Q6, Q10, Q11, Q12, Q13	TRANSISTOR MPSA85	1510705	42
1	Q1	TRANSISTOR DASC8	1510598	43
1	CR 1 OR 1	CRYSTAL 1.8438 MHZ SUBSTITUTION CRYSTAL 1.8996 MHZ PREFERRED	1810245-02 181659	44 45 46 47

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
11	E2, E3, E4, E5, E6, E7, E8, E9, E10, E11, E12, E13, E14, E15, E16, E17, E18, E19, E20, E21, E22, E23, E24, E25, E26, E27, E28, E29, E30, E31, E32, E33, E34, E35, E36, E37, E38, E39, E40, E41, E42, E43, E44, E45, E46, E47, E48, E49, E50, E51, E52, E53, E54, E55, E56, E57, E58, E59, E60, E61, E62, E63, E64, E65, E66, E67, E68, E69, E70, E71, E72, E73, E74, E75, E76, E77, E78, E79, E80, E81, E82, E83, E84, E85, E86, E87, E88, E89, E90, E91, E92, E93, E94, E95, E96, E97, E98, E99, E100	IC 7414	1985547	48
6	E11, E12, E29, E37, E40, E53	IC 7488	1985575	49
2	E9, E42	IC 7418	1985576	50
1	E23	IC 7428	1985577	51
2	E21, E59	IC 7481	1985598	52
2	E13, E28	IC 7483A	1985654	53
10	E7, E10, E18, E20, E25, E41, E49	IC 7484	1985688	54
2	E44, E46	IC 74154	198781	55
1	E6	IC 7413	1989889	56
3	E32, E36, E45	IC 74193	1910818	57
2	E19, E50	IC 7442	1910846	58
1	E86	IC 7437	1910891	59
1	E18	IC 74198	1910895	60
2	E15, E31	IC 74150	1910153	61
3	E1, E34, E35	IC LM381AN DIP	1918282	62
3	E22, E56, E57	IC 7489, 3101	1918386	63
1	E64	IC 74123	1918436	64
1	E55	IC UAT	1918459	65
2	E63, E68	IC 74161	1918656	66
2	E14, E52	IC 74175	1918651	67
1	E28	IC MK262P (NUMBER SET UNSLASHED 0)	23071A6	68
2	E43, E47	IC 4N26 (SOC75)	1911938	69
1	E33	IC MK262P (ALPHA SET)	23070A6	70
1	E33	IC MK262P (ALPHA SET)	23070A6	71
1	E33	IC MK262P (ALPHA SET)	23070A6	72
1	E33	IC MK262P (ALPHA SET)	23070A6	73
1	E33	IC MK262P (ALPHA SET)	23070A6	74
2	R66, R69	RES 180 1/2W 5%	1300260	75
2	R24, R28	RES 5.11K 1/4W 1%	1304854	76
1	R20	RES 2.15K 1/4W 1%	1311653	77
2	E61, E65	SOCKET IC 24 PIN	1210693	78
1		SOCKET IC 14 PIN (TP SOCKET)	1210654	79
2		KEYING PLUG, MAT-N-LOK	1211595	80
11		SOCKETS, MAT-N-LOK 61320-1	1209456	81
5	W1 THRU W5	WIRE, INSULATED JUMPER	9009185	82
2		FASTON	9007113	83
2		EYELETS (FASTON)	9009000	84
4		EYELETS (MAT-N-LOK)	9007266	85
1		WASHER, FLAT, NYLON, #6	9006707	86
1		SCREW, SLOTTED BMD, HD, 4-40X5/16	9006010-4	87
1		NUT, KEP, 4-40	9006557	88
1	D11	DIODE MCL301	1105610-0-0	89
1		RES 100K 1/4W 5%	1306525	90

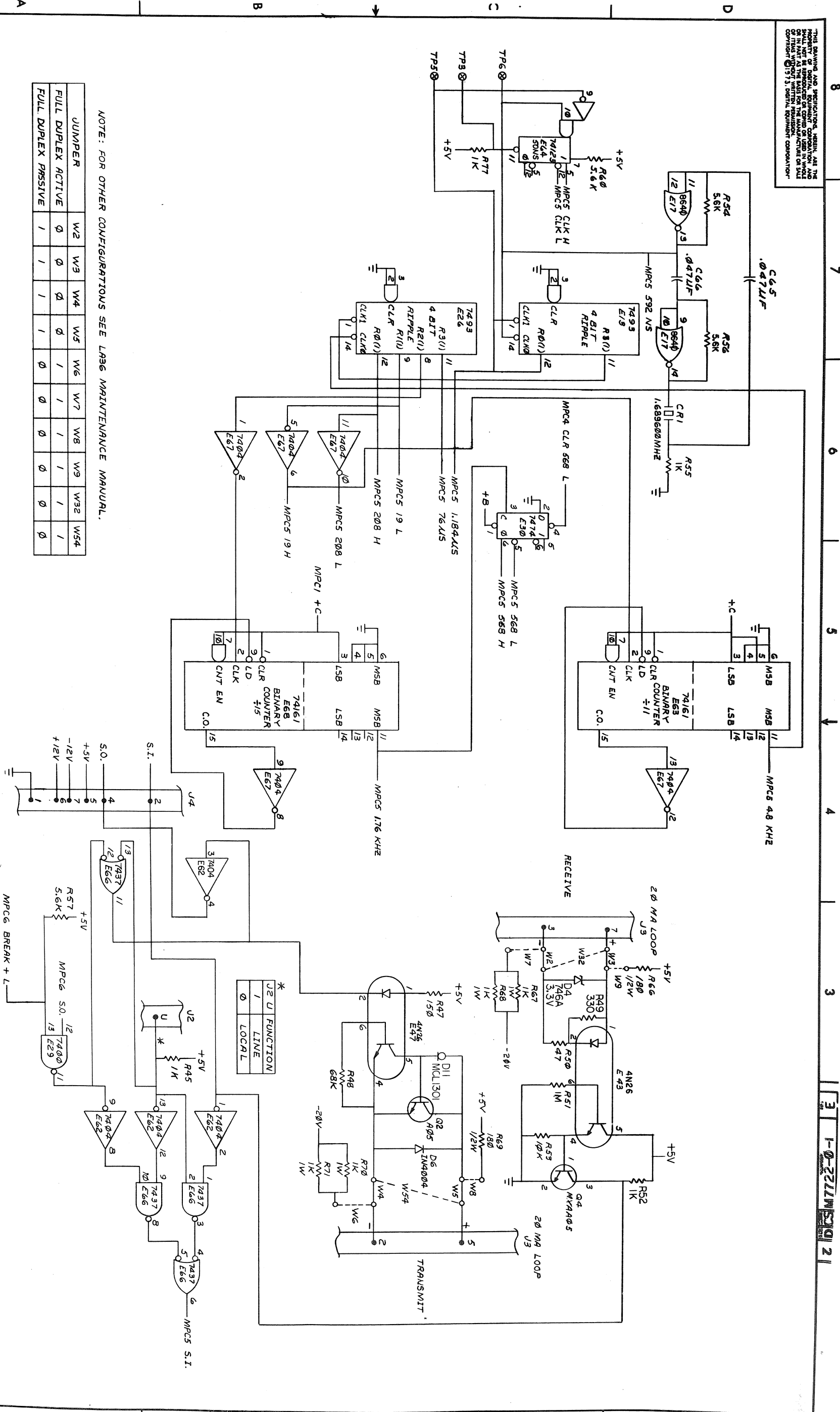
QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
A/R		30 INSULATED WIRE (GREEN)	9105740-55	91
A/R				92
A/R				93
A/R				94
A/R	FOR MOUNTING Q1	THERMAL COMPOUND	50C 8268	95
1	E58	IC MK262P "CROM"	23082A6	96
1	E17	IC 8640	1311469	97

REVIEWS		TITLE		SIZE CODE		NUMBER		REV.	
CHK	CHANGE NO.	REV	LA36 (MPC2)	D	CSM772	-0-1	E		
SCALE 1/4"			SHEET 2 OF 8			DIST.			





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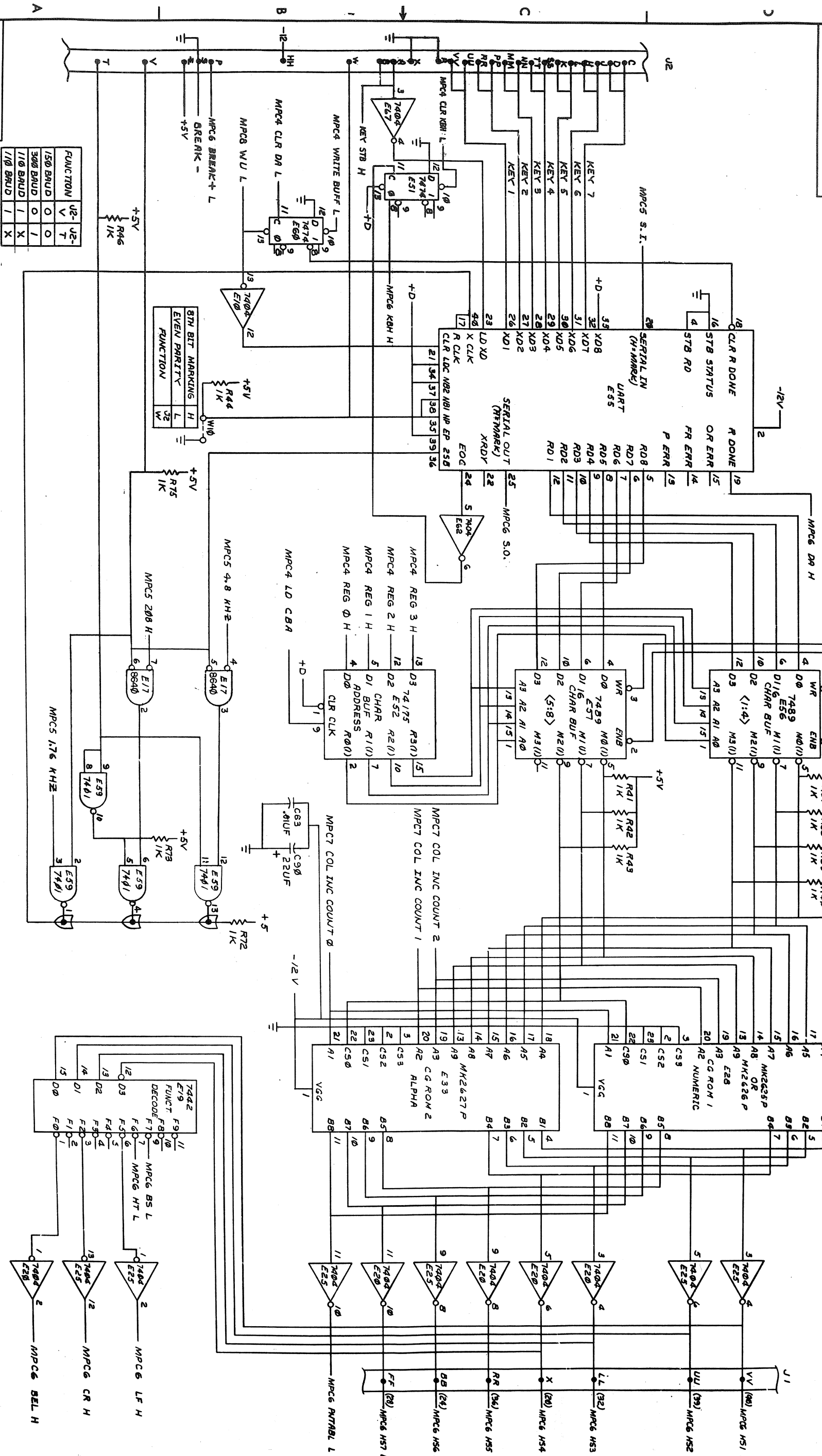
NOTE: FOR OTHER CONFIGURATIONS SEE LA36 MAINTENANCE MANUAL.

JUMPER	W2	W3	W4	W5	W6	W7	W8	W9	W32	W54
FULL DUPLEX ACTIVE	0	0	0	0	0	0	0	0	0	0
FULL DUPLEX PASSIVE	1	1	1	1	1	1	1	1	1	1

REVISIONS	CHK	CHANGE NO.	REV

TITLE	LA36 (MPC5)
SCALE	1:1
SHEET	5 OF 8
DIST.	
SIZE/CODE	D C S M7722-0-1
NUMBER	
REV.	E

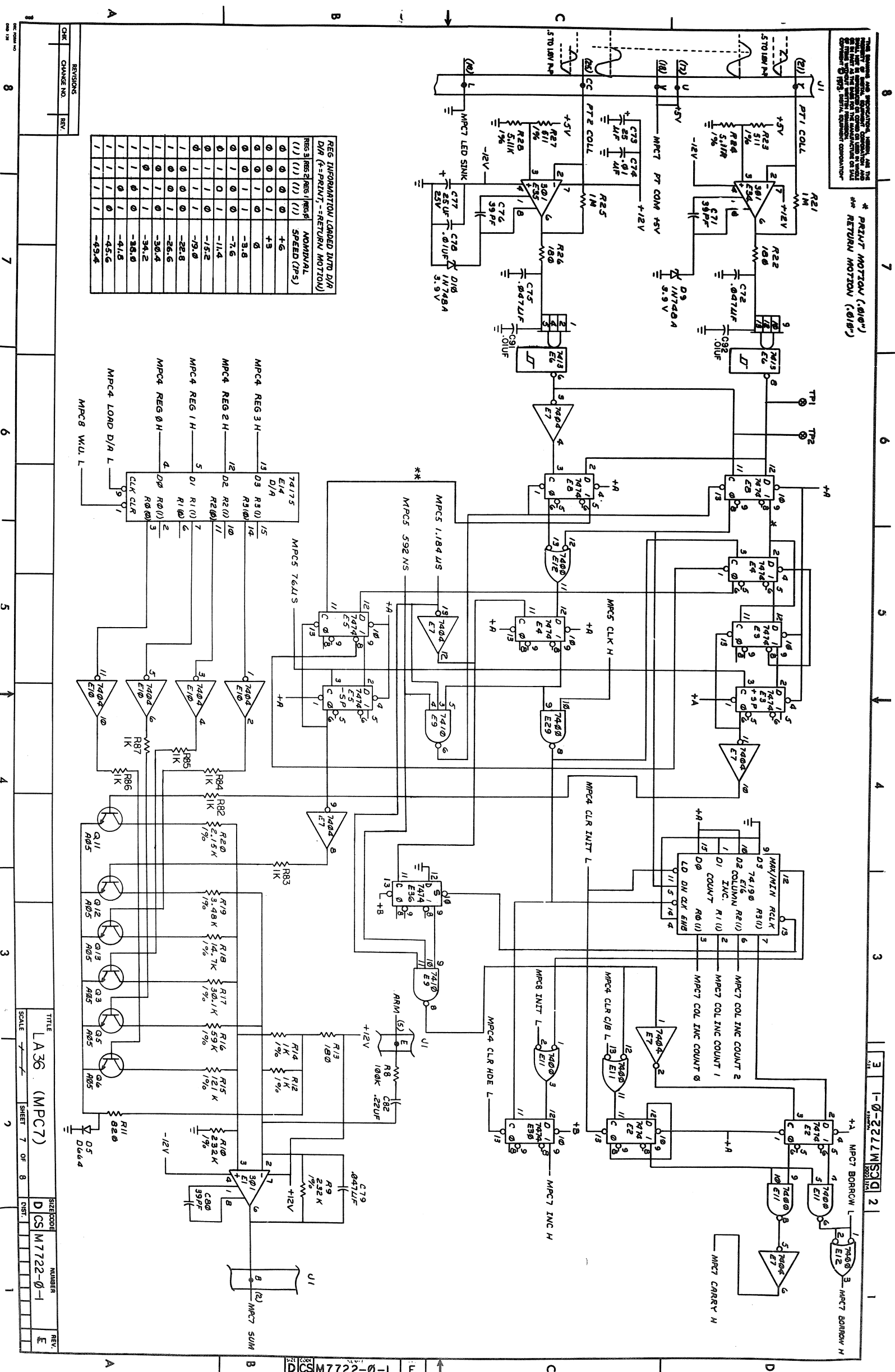
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FUNCTION	U2	U2
1500 BRUD	O	O
3000 BRUD	O	I
1100 BRUD	I	X

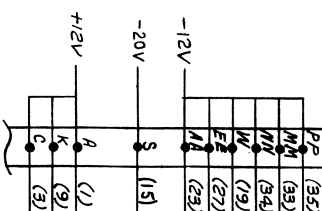
8TH BIT MARKING	H	L
EVEN PARITY	U2	W

REV. 1	LA 36 (MPC6)	DCSM7722-0-1	REV. 1
CHK	CHANGE NO.	REV.	
8	7	6	5
4	3	2	1



2	NRCS	M7722-0-I	E
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Timing diagram showing the relationship between HOLD, LF1, and LF2 signals. The signals are shown as digital waveforms over time. HOLD is high for most of the cycle, then goes low during the final portion. LF1 and LF2 are low for most of the cycle, then go high during the final portion.



DCS	M7722-Ø-1	E
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TITLE	SIZE CODE	NUMBER	REV.
LA36 (MPC8)	D CS	M7722-0-1	E
SCALE $\frac{1}{4} = 1$	SHEET 8	OF 8	DIST.