

[illegible]

MR

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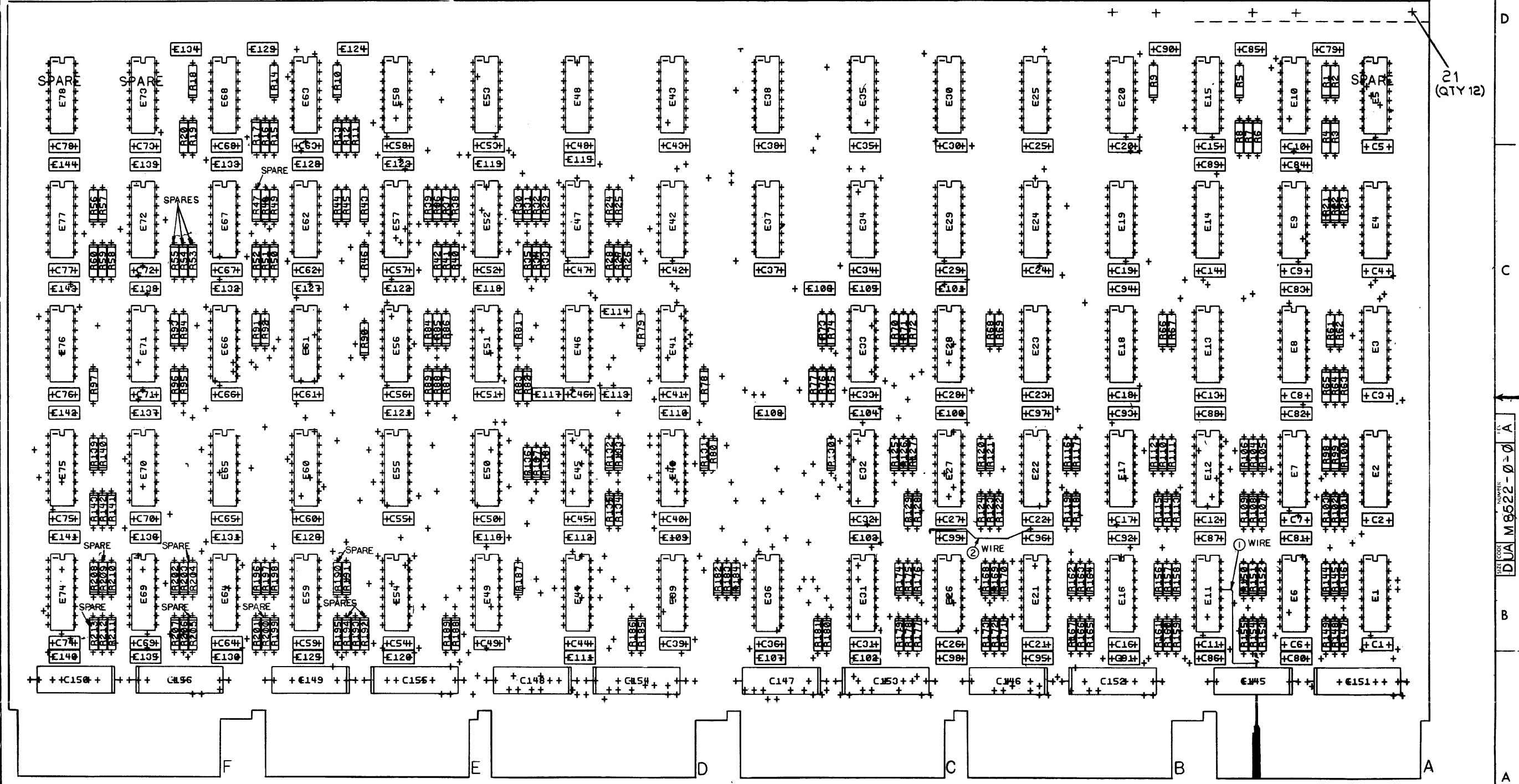
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2 DUA M8522-0-0

20 (QTY 1)

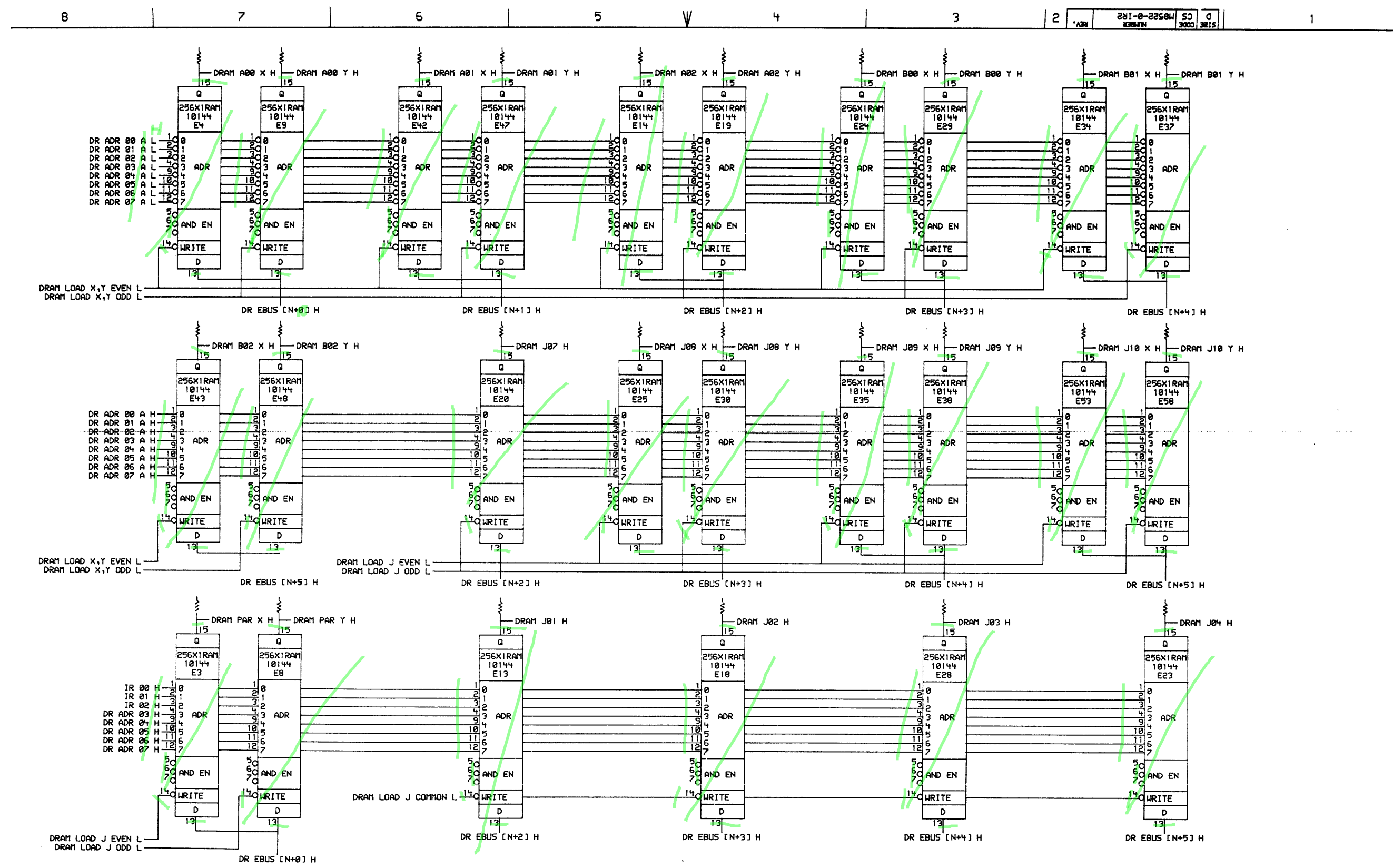
21 (QTY 12)

DUA M8522-0-0



VUTSRPNMLKJHFEDCBA VUTSRPNMLKJHFEDCBA VUTSRPNMLKJHFEDCBA VUTSRPNMLKJHFEDCBA VUTSRPNMLKJHFEDCBA VUTSRPNMLKJHFEDCBA

REVISIONS			TITLE		SIZE CODE		NUMBER		REV.	
CHK	CHANGE NO.	REV.	IR, DRAM & CARRY BOARD		DUA		M8522-0-0		A	
			SCALE 2/1		SHEET 2 OF 5		DIST.			



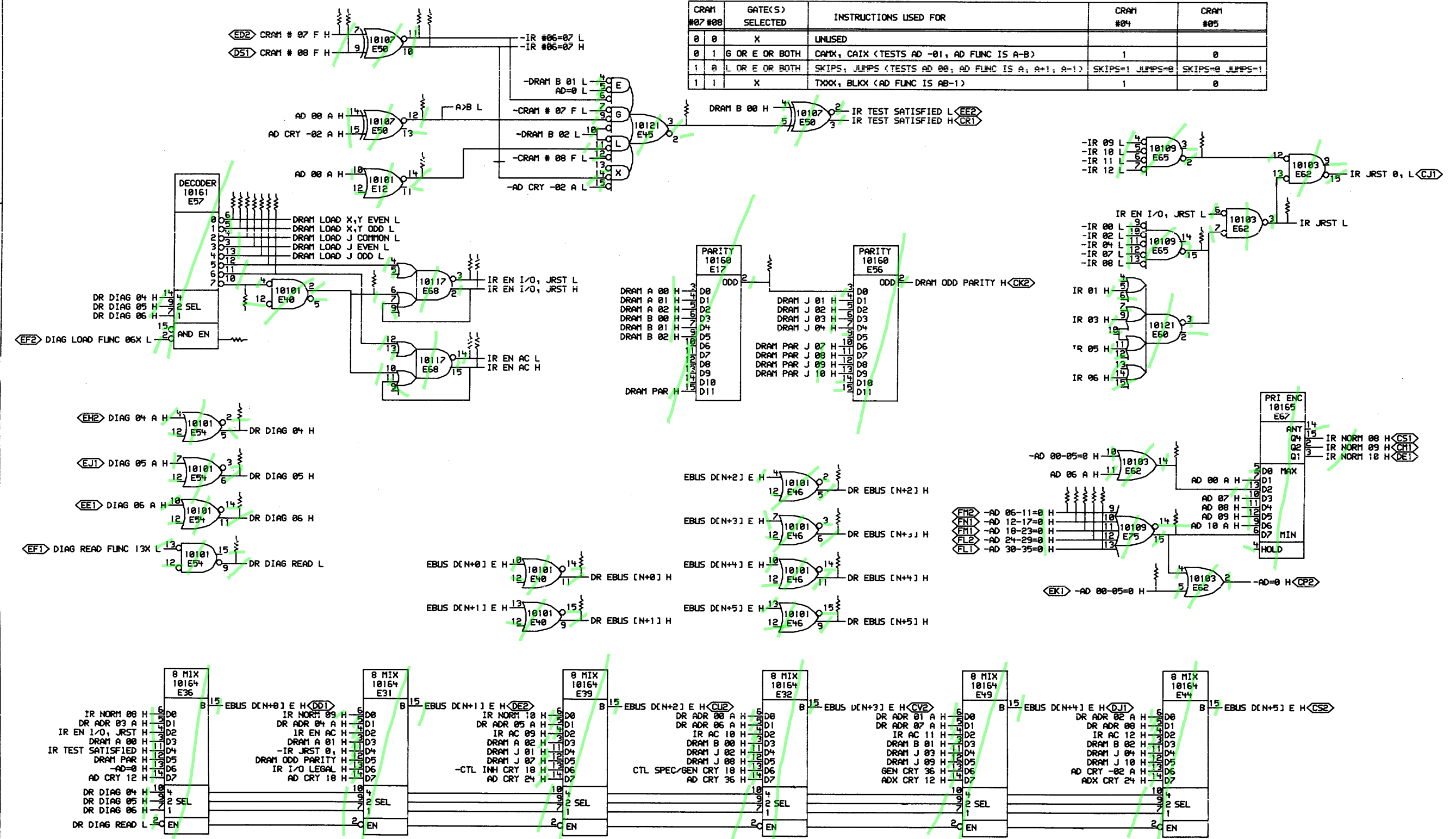
2 OF 5

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REVISIONS		
CHK	CHANGE NO.	REV

digital	DRN: R Reel	DATE: 12-5-74	ENG: R Reel	DATE: 12-5-74	TITLE: IR, DRAM & CARRY DRAM
	CHK: D Reel	DATE: 12-5-74	DATE: 12-5-74	DATE: 12-5-74	
FIRST USED ON OPTION/MODEL: KL10		NEXT HIGHER ASSEMBLY: B-DD-M8522-0		SIZE CODE NUMBER REV.	
				D CS M8522-0-IR2	

CRAM #07 #08	GATE(S) SELECTED	INSTRUCTIONS USED FOR	CRAM #04	CRAM #05
0 0	X	UNUSED		
0 1	G OR E OR BOTH	CAMPX, CAIX (TESTS AD -01, AD FUNC IS A-B)	1	0
1 0	L OR E OR BOTH	SKIPS, JUMPS (TESTS AD 00, AD FUNC IS A, A+1, A-1)	SKIPS=1 JUMPS=0	SKIPS=0 JUMPS=1
1 1	X	TXXX, BLKX (AD FUNC IS AB-1)	1	0

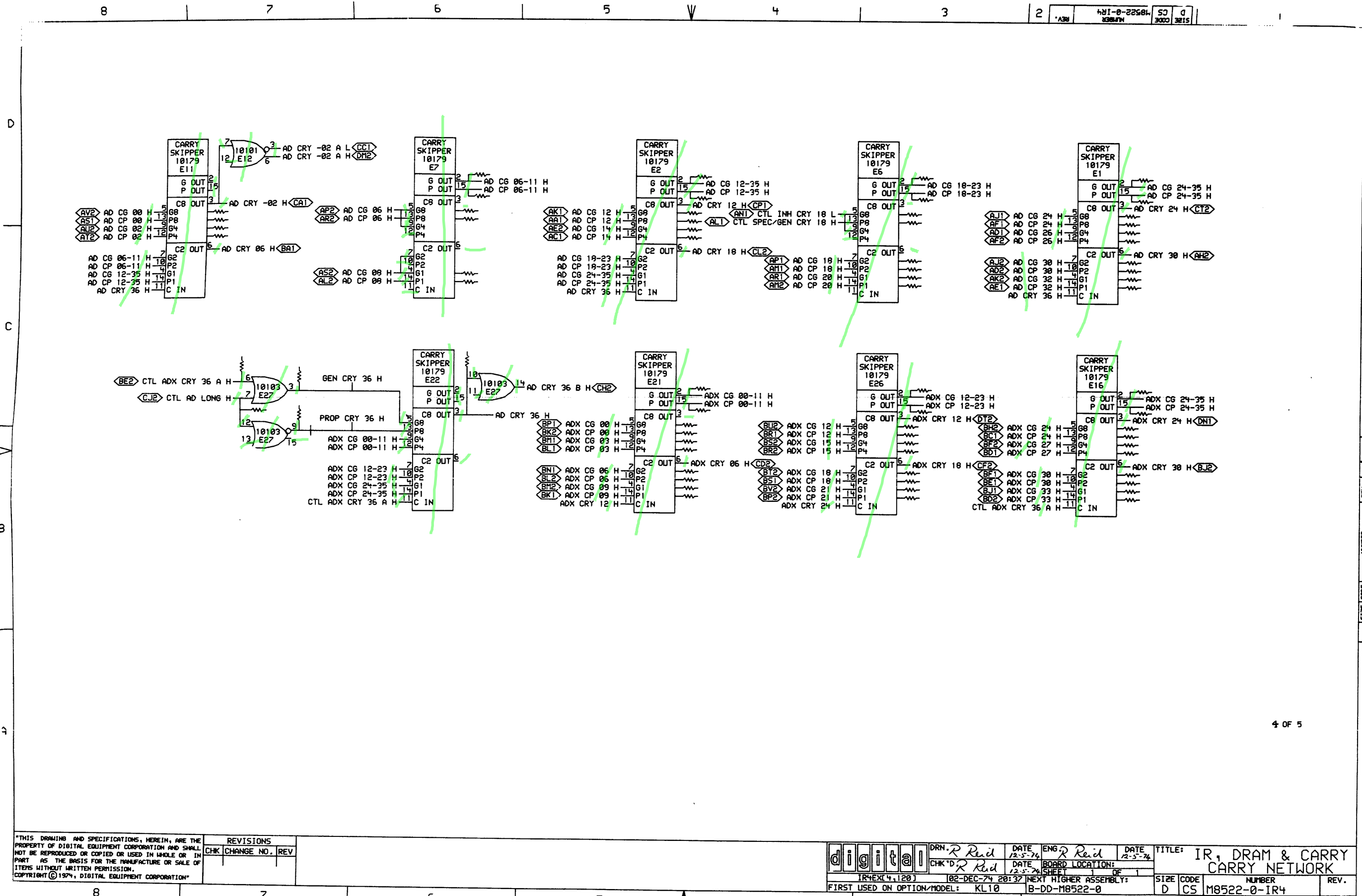


D
C
B
A
REV.
NUMBER
80522-0-IR3
SIZE
CODE
CS
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U

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REVISIONS	CHK	CHANGE NO.	REV

digital	DRN. R Red	DATE 12-5-74	ENG. R Red	DATE 12-5-74	TITLE: IR, DRAM & CARRY DIAG & MISC.
	CHK'D R Red	DATE 12-5-74	DATE 12-5-74	BOARD LOCATION: 1	SIZE CODE NUMBER REV.
FIRST USED ON OPTION/MODEL: KL10		NEXT HIGHER ASSEMBLY: 8-DD-M8522-0		D CS M8522-0-IR3	



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RESISTOR LOC PIN	SHOWN ON DRW NO	TERMINATES SIGNAL
R 134 1	IR3E	%E12(14)
R 90 1	IR3E	%E17(2)
R 19 1	IR3E	%E40(2)
R 138 1	IR3E	%E45(3)
R 131 1	IR3E	%E57(10)
R 20 1	IR3E	%E57(11)
R 18 1	IR3E	%E57(12)
R 52 1	IR3E	%E60(3)
R 48 1	IR3E	%E62(14)
R 45 1	IR3E	%E65(2)
R 49 1	IR3E	%E75(15)
R 97 1	IR1E	%E75(2)
R 93 1	IR1E	%E76(14)
R 96 1	IR1E	%E76(2)
R 94 1	IR1E	%E76(3)
R 92 1	IR1E	%E76(3)
R 91 1	IR1E	%E76(3)
R 135 1	IR3E	-A>B H
R 100 1	IR1E	AD 00 A H
R 51 1	IR3E	-AD 00-05=0 H
R 44 1	IR1E	AD 06 A H
R 142 1	IR3E	-AD 06-11=0 H
R 143 1	IR3E	-AD 12-17=0 H
R 141 1	IR3E	-AD 18-23=0 H
R 139 1	IR3E	-AD 24-29=0 H
R 140 1	IR3E	-AD 30-35=0 H
R 158 1	IR4E	AD CG 00 H
R 114 1	IR4E	AD CG 02 H
R 109 1	IR4E	AD CG 06 H
R 159 1	IR4E	AD CG 06-11 H
R 105 1	IR4E	AD CG 08 H
R 65 1	IR4E	AD CG 12 H
R 115 1	IR4E	AD CG 12-35 H
R 101 1	IR4E	AD CG 14 H
R 150 1	IR4E	AD CG 18 H
R 64 1	IR4E	AD CG 18-23 H
R 152 1	IR4E	AD CG 20 H
R 153 1	IR4E	AD CG 24 H
R 63 1	IR4E	AD CG 24-35 H
R 149 1	IR4E	AD CG 26 H
R 147 1	IR4E	AD CG 30 H
R 154 1	IR4E	AD CG 32 H
R 110 1	IR4E	AD CP 00 H
R 111 1	IR4E	AD CP 02 H
R 107 1	IR4E	AD CP 06 H
R 113 1	IR4E	AD CP 06-11 H
R 104 1	IR4E	AD CP 08 H
R 99 1	IR4E	AD CP 12 H
R 106 1	IR4E	AD CP 12-35 H
R 100 1	IR4E	AD CP 14 H

RESISTOR LOC PIN	SHOWN ON DRW NO	TERMINATES SIGNAL
R 155 1	IR4E	AD CP 18 H
R 102 1	IR4E	AD CP 18-23 H
R 151 1	IR4E	AD CP 20 H
R 145 1	IR4E	AD CP 24 H
R 98 1	IR4E	AD CP 24-35 H
R 146 1	IR4E	AD CP 26 H
R 148 1	IR4E	AD CP 30 H
R 144 1	IR4E	AD CP 32 H
R 103 1	IR4E	AD CRY 36 H
R 170 1	IR4E	ADX CG 00 H
R 118 1	IR4E	ADX CG 00-11 H
R 173 1	IR4E	ADX CG 03 H
R 168 1	IR4E	ADX CG 06 H
R 169 1	IR4E	ADX CG 09 H
R 176 1	IR4E	ADX CG 12 H
R 123 1	IR4E	ADX CG 12-23 H
R 179 1	IR4E	ADX CG 15 H
R 177 1	IR4E	ADX CG 18 H
R 174 1	IR4E	ADX CG 21 H
R 166 1	IR4E	ADX CG 24 H
R 121 1	IR4E	ADX CG 24-35 H
R 160 1	IR4E	ADX CG 27 H
R 165 1	IR4E	ADX CG 30 H
R 163 1	IR4E	ADX CG 33 H
R 167 1	IR4E	ADX CP 00 H
R 119 1	IR4E	ADX CP 00-11 H
R 171 1	IR4E	ADX CP 03 H
R 172 1	IR4E	ADX CP 06 H
R 162 1	IR4E	ADX CP 09 H
R 129 1	IR4E	ADX CP 12 H
R 122 1	IR4E	ADX CP 12-23 H
R 175 1	IR4E	ADX CP 15 H
R 178 1	IR4E	ADX CP 18 H
R 128 1	IR4E	ADX CP 21 H
R 157 1	IR4E	ADX CP 24 H
R 117 1	IR4E	ADX CP 24-35 H
R 156 1	IR4E	ADX CP 27 H
R 161 1	IR4E	ADX CP 30 H
R 164 1	IR4E	ADX CP 33 H
R 195 1	IR1E	CACHE DATA 00 C H
R 191 1	IR1E	CACHE DATA 01 C H
R 193 1	IR1E	CACHE DATA 02 C H
R 212 1	IR1E	CACHE DATA 03 C H
R 210 1	IR1E	CACHE DATA 04 C H
R 208 1	IR1E	CACHE DATA 05 C H
R 197 1	IR1E	CACHE DATA 06 C H
R 198 1	IR1E	CACHE DATA 07 C H
R 196 1	IR1E	CACHE DATA 08 C H
R 202 1	IR1E	CACHE DATA 09 C H
R 203 1	IR1E	CACHE DATA 10 C H

RESISTOR LOC PIN	SHOWN ON DRW NO	TERMINATES SIGNAL
R 206 1	IR1E	CACHE DATA 11 C H
R 201 1	IR1E	CACHE DATA 12 C H
R 78 1	IR1E	CLK IR H
R 79 1	IR1E	-CON LOAD DRAM H
R 80 1	IR1E	-CON LOAD IR H
R 137 1	IR3E	CRAM # 07 F H
R 132 1	IR3E	CRAM # 08 F H
R 120 1	IR4E	CTL AD LONG H
R 124 1	IR4E	CTL ADX CRY 36 A H
R 182 1	IR4E	-CTL INH CRY 18 H
R 126 1	IR4E	CTL SPEC/GEN CRY 18 H
R 43 1	IR3E	-DIAG LOAD FUNC 06X H
R 125 1	IR1E	DR ADR 00 A H
R 34 1	IR1E	-DR ADR 00 A H
R 188 1	IR1E	DR ADR 01 A H
R 29 1	IR1E	-DR ADR 01 A H
R 186 1	IR1E	DR ADR 02 A H
R 33 1	IR1E	-DR ADR 02 A H
R 1 1	IR1E	DR ADR 03 H
R 183 1	IR1E	DR ADR 03 A H
R 35 1	IR1E	-DR ADR 03 A H
R 5 1	IR1E	DR ADR 04 H
R 180 1	IR1E	DR ADR 04 A H
R 27 1	IR1E	-DR ADR 04 A H
R 8 1	IR1E	DR ADR 05 H
R 185 1	IR1E	DR ADR 05 A H
R 26 1	IR1E	-DR ADR 05 A H
R 7 1	IR1E	DR ADR 06 H
R 130 1	IR1E	DR ADR 06 A H
R 28 1	IR1E	-DR ADR 06 A H
R 6 1	IR1E	DR ADR 07 H
R 189 1	IR1E	DR ADR 07 A H
R 25 1	IR1E	-DR ADR 07 A H
R 72 1	IR1E	DR ADR 08 H
R 39 1	IR3E	DR DIAG 04 H
R 42 1	IR3E	DR DIAG 05 H
R 46 1	IR3E	DR DIAG 06 H
R 127 1	IR3E	-DR DIAG READ H
R 21 1	IR3E	DR EBUS [N+0] H
R 24 1	IR3E	DR EBUS [N+1] H
R 9 1	IR3E	DR EBUS [N+2] H
R 66 1	IR3E	DR EBUS [N+3] H
R 68 1	IR3E	DR EBUS [N+4] H
R 69 1	IR3E	DR EBUS [N+5] H
R 38 1	IR2E	DRAM A00 X H
R 40 1	IR2E	DRAM A00 Y H
R 36 1	IR2E	DRAM A01 X H
R 41 1	IR2E	DRAM A01 Y H
R 32 1	IR2E	DRAM A02 X H
R 37 1	IR2E	DRAM A02 Y H

RESISTOR LOC PIN	SHOWN ON DRW NO	TERMINATES SIGNAL
R 74 1	IR2E	DRAM B00 X H
R 76 1	IR2E	DRAM B00 Y H
R 77 1	IR2E	DRAM B01 X H
R 73 1	IR2E	DRAM B01 Y H
R 78 1	IR2E	DRAM B02 X H
R 71 1	IR2E	DRAM B02 Y H
R 87 1	IR2E	DRAM J01 H
R 86 1	IR2E	DRAM J02 H
R 81 1	IR2E	DRAM J03 H
R 83 1	IR2E	DRAM J04 H
R 16 1	IR2E	DRAM J07 H
R 17 1	IR2E	DRAM J08 X H
R 14 1	IR2E	DRAM J08 Y H
R 11 1	IR2E	DRAM J09 X H
R 10 1	IR2E	DRAM J09 Y H
R 13 1	IR2E	DRAM J10 X H
R 12 1	IR2E	DRAM J10 Y H
R 67 1	IR3E	-DRAM LOAD J COMMON H
R 62 1	IR3E	-DRAM LOAD J EVEN H
R 61 1	IR3E	-DRAM LOAD J ODD H
R 23 1	IR3E	-DRAM LOAD X,Y EVEN H
R 22 1	IR3E	-DRAM LOAD X,Y ODD H
R 112 1	IR1E	DRAM PAR H
R 89 1	IR1E	DRAM PAR J 07 H
R 88 1	IR1E	DRAM PAR J 08 H
R 84 1	IR1E	DRAM PAR J 09 H
R 85 1	IR1E	DRAM PAR J 10 H
R 30 1	IR2E	DRAM PAR X H
R 31 1	IR2E	DRAM PAR Y H
R 187 1	IR4E	GEN CRY 36 H
R 15 1	IR1E	HOLD DRAM A H
R 56 1	IR1E	HOLD DRAM B H
R 75 1	IR1E	HOLD DRAM C H
R 211 1	IR1E	HOLD IR A H
R 207 1	IR1E	HOLD IR B H
R 199 1	IR1E	HOLD IR C H
R 95 1	IR1E	INSTR 7XX H
R 136 1	IR3E	IR #06=07 H
R 133 1	IR3E	-IR #06=07 H
R 3 1	IR1E	IR 00 H
R 4 1	IR1E	IR 01 H
R 2 1	IR1E	IR 02 H
R 57 1	IR1E	IR 10 H
R 60 1	IR1E	IR 11 H
R 59 1	IR1E	IR 12 H
R 181 1	IR3E	IR EN AC H
R 58 1	IR3E	-IR EN AC H
R 184 1	IR3E	IR EN I/O, JRST H
R 50 1	IR3E	-IR EN I/O, JRST H
R 82 1	IR3E	-IR JRST H

RESISTOR LOC PIN	SHOWN ON DRW NO	TERMINATES SIGNAL
R 116 1	IR4E	PROP CRY 36 H

NOTE:

- ENTRIES ARE SORTED BY SIGNAL NAME
- ALL TERMINATION RESISTORS ARE 68 Ω 1/4W 5% AND ARE CONNECTED TO -2.0V UNLESS OTHERWISE SPECIFIED
- % INDICATES OUTPUT OF DIP LOC AND (<) INDICATES PIN NUMBER
- ALL 56 Ω RESISTORS ARE 1/4W 5% TERMINATORS AND ARE CONNECTED TO -2.0V UNLESS OTHERWISE SPECIFIED

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REVISIONS		
CHK	CHANGE NO.	REV

digital	DRN. <i>C. Smith</i>	DATE <i>12-10-74</i>	ENG. <i>R. Reid</i>	DATE <i>12-5-74</i>	TITLE: IR, DRAM & CARRY TERMINATORS
	CHK'D <i>R. Reid</i>	DATE <i>12-5-74</i>	BOARD LOCATION: <i>1</i>	SHEET <i>1</i> OF <i>1</i>	
M8522(4.4271)		183-DEC-74 22:06 NEXT HIGHER ASSEMBLY:		SIZE CODE	NUMBER
FIRST USED ON OPTION MODEL: KL10		18-DD-M8522-0		D CS	M8522-0-RES
					REV.

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