REVISION CONTROL SHEET

CUSTOMER PRINT SET	MFG SET	DRAWING NO	NO OF SHT	DESCRIPTION	OPTION NO/FILE DATE	REVISIONS
			-	MODULE REVISION		A B C C
		D-UA-M8535-Ø-Ø	6	CHANNEL RAM CONTROL		- A B B1
		D-CS-M8535-Ø-CRC1	1	CHANNEL RAM CONTROL		- A B B1
		D-CS-M8535-Ø-CRC2	1	CHANNEL RAM CONTROL		- A B B1
		D-CS-M8535-Ø-CRC3	1	CHANNEL RAM CONTROL		- A B B1
		D-CS-M8535-Ø-CRC4	1	CHANNEL RAM CONTROL		- A B B1
		D-CS-M8535-Ø-CRC5	1	CHANNEL RAM CONTROL		- A B B1
		D-CS-M8535-Ø-CRC6	1	CHANNEL RAM CONTROL		- A B B1
		D-CS-M8535-Ø-CRC7	1	CHANNEL RAM CONTROL PWR, GND, AND CAPS		- A B B1
		D-CS-M8535-Ø-RES	2	CHANNEL RAM CONTROL TERMINATORS		— A B B1
		K-CO-M8535-Ø-4	1	CHANNEL RAM CONTROL (CALDEC DATA BASE)		B B B B
		D-AH-M8535-Ø-5	4	CHANNEL RAM CONTROL		A A A A
		B-MH-M8535-Ø-6	1	MODULE ECO HISTORY		- A B B
		5010925 P00-M8535-ØØ	-	ETCH CIRCUIT BOARD PROCESS SHEET (REF ONLY)		B B B B

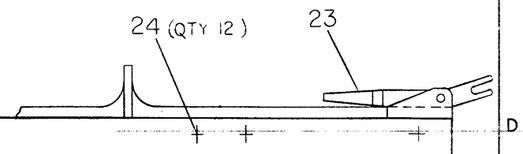
CUSTOMER PRINT SET CODES	X = PRINT OF DOCUMENT INCLUDED IN PRINT SET C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED

ECO NO	ORIG	00001	00002	00003
REWORK VERSION				

TITLE		SIZE	CODE	NUMBER	REV
CHANNEL RAM CONTROL	SHEET 2 OF 3	B	DD	M8535-Ø	C

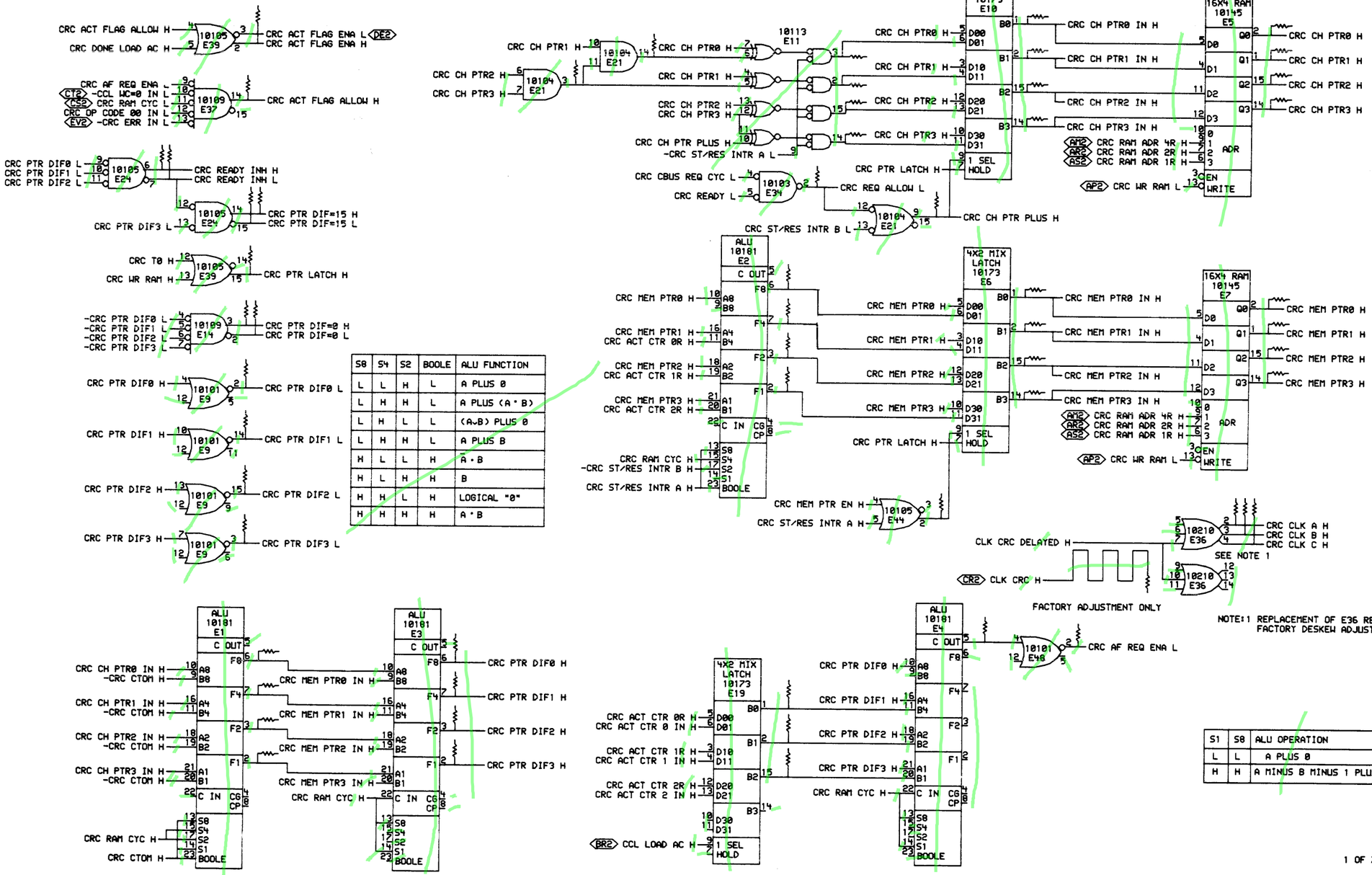
246

MR



REVISIONS		
CHK	CHANGE NO	REV

TITLE	SIZE	CODE	NUMBER	REV.
CHANNEL RAM CONTROL	D	UA	M8535 - 0 - 0	B1
SCALE — SHEET 2 OF 6	DIST			



S8	S4	S2	BOOLE	ALU FUNCTION
L	L	H	L	A PLUS 0
L	H	H	L	A PLUS (A · B)
L	H	L	L	(A∿B) PLUS 0
L	H	H	L	A PLUS B
H	L	L	H	A · B
H	L	H	H	B
H	H	L	H	LOGICAL "0"
H	H	H	H	A · B

1 OF 7

REVISIONS

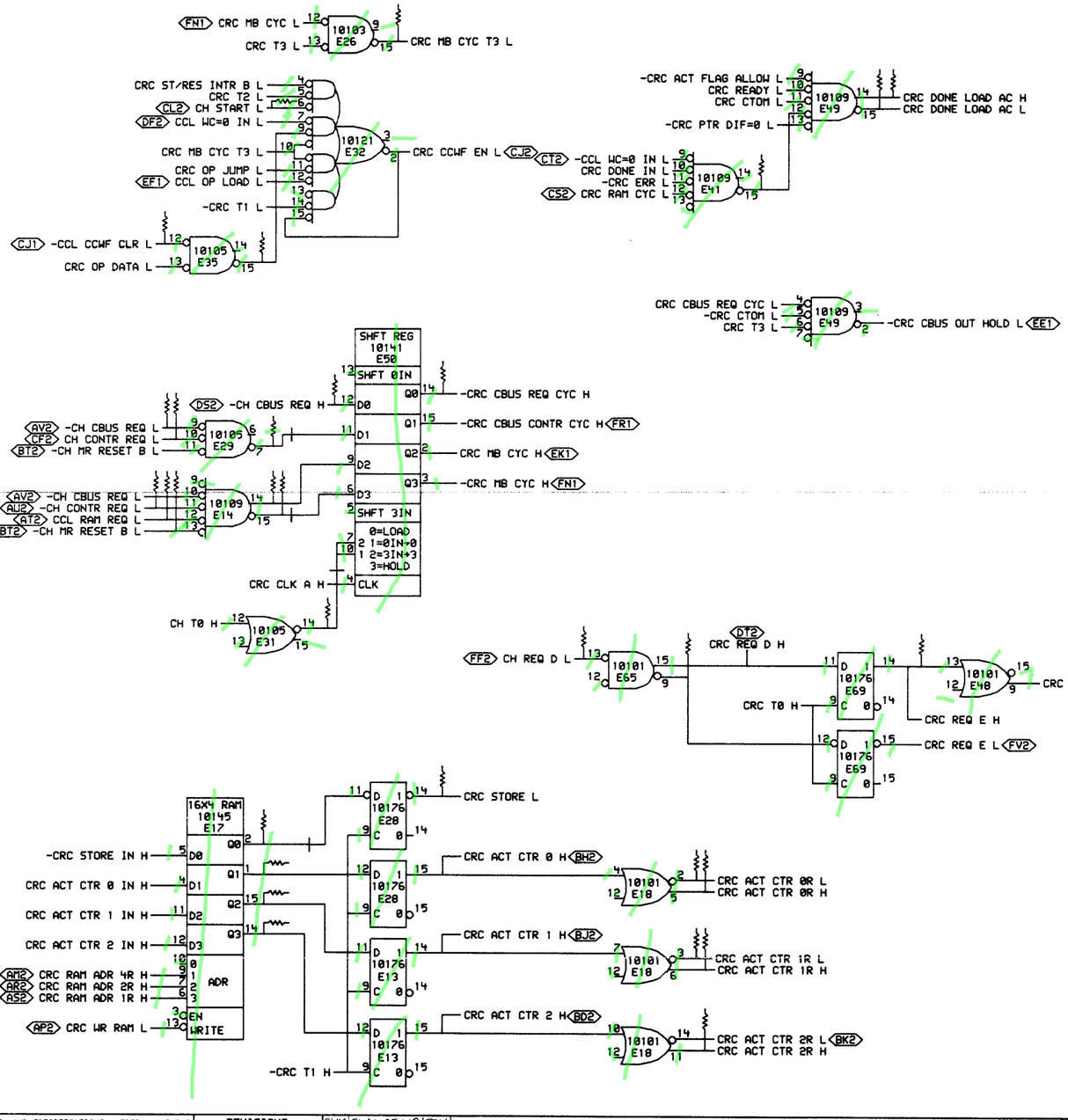
CHK	CHANGE NO.	REV

CHK CHANGE NO. PG.
V8535-00003 3

digital
DRN. K. Landry DATE 22-JUN-76
CHK D. ENG. DATE
DATE BOARD LOCATION: 4AF10
SHEET 1 OF 1
CRC1EX.DRW[4,4773] 26-MAY-76 15:43 NEXT HIGHER ASSEMBLY:
FIRST USED ON OPTION/MODEL: KL10 B-DD-M8535-0

TITLE: CHANNEL RAM CONTROL

SIZE	CODE	NUMBER	REV.
D	CS	M8535-0-CRC1	B1

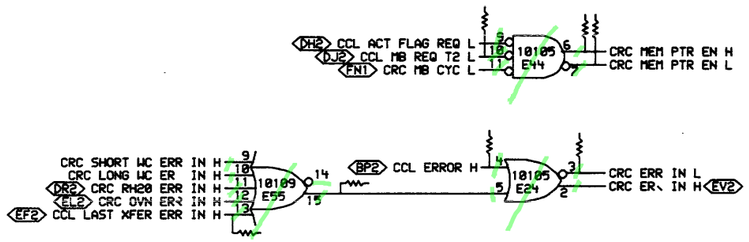


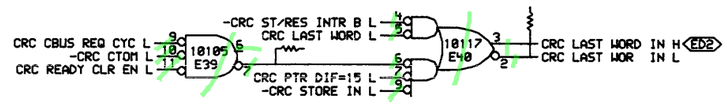
REVISIONS			CHK	CHANGE NO.	REV.
CHK	CHANGE NO.	REV		M8535-00008	B1

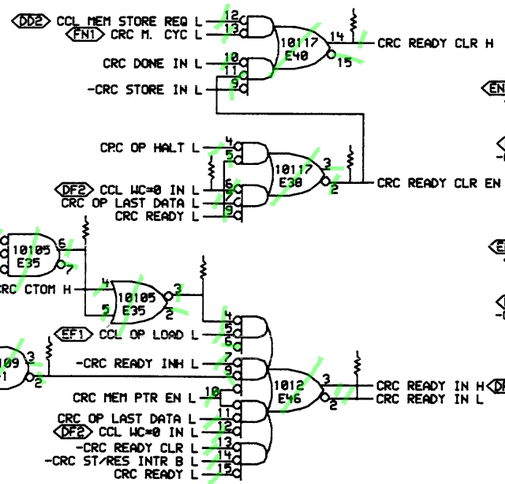
digital	DRN.	DATE 22-JAN-76	ENG.	DATE 6/Feb/76	TITLE: CHANNEL RAM CONTROL
	CHK'D.	DATE	BOARD LOCATION: SHEET 1 OF 1	4AF10	
CRC2EX.DRW[4,477]	26-MAY-76 13:10	NEXT HIGHER ASSEMBLY:			
FIRST USED ON OPTION/MODEL: KL10		B-DD-M8535			

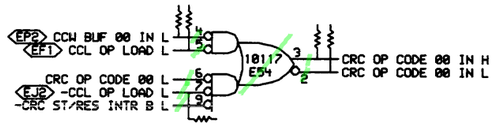
SIZE	CODE	NUMBER	REV.
D	CS	M8535-0-CRC2	B1

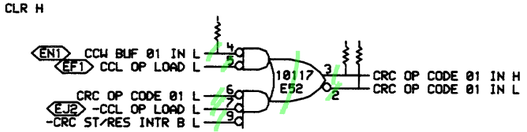
2.49

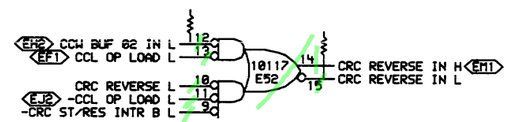


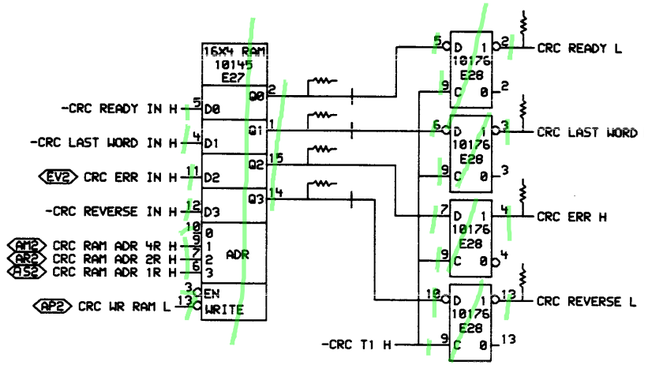


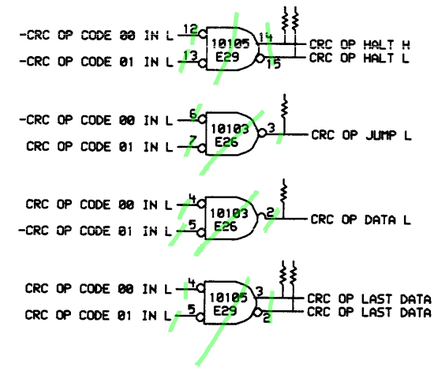


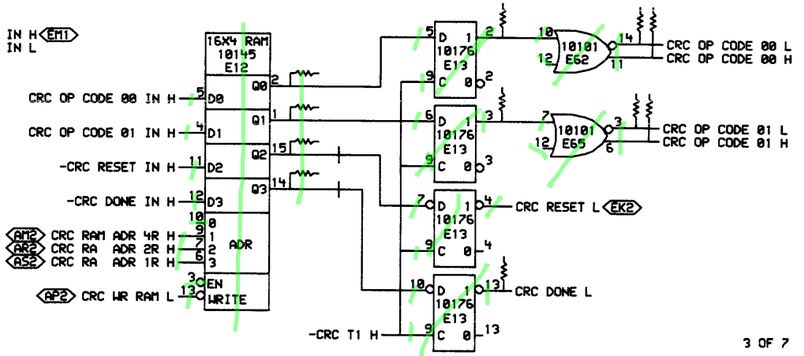










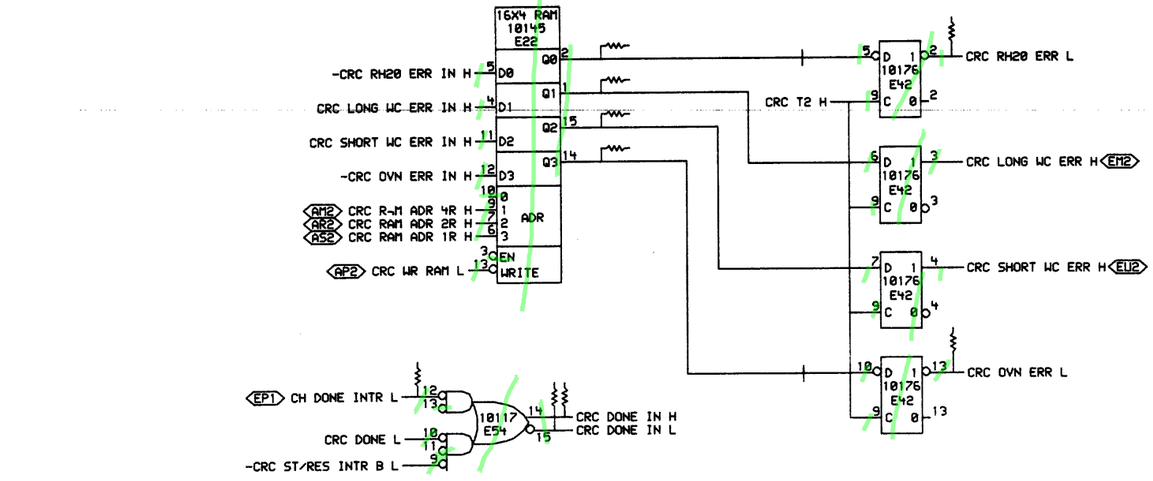


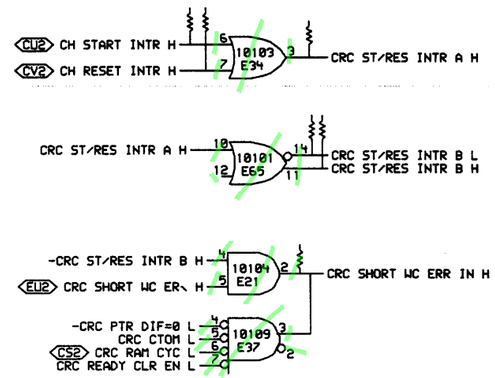
3 OF 7

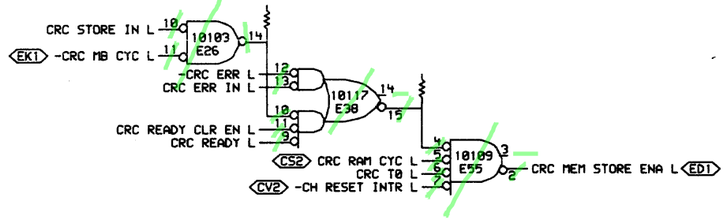
REVISIONS			CHK	CHANGE NO.	REV.
CHK	CHANGE NO.	REV		M8535-0003	B1
~	M8535-0002	B	RO Larsen H777		
			MSCHWARTZ		

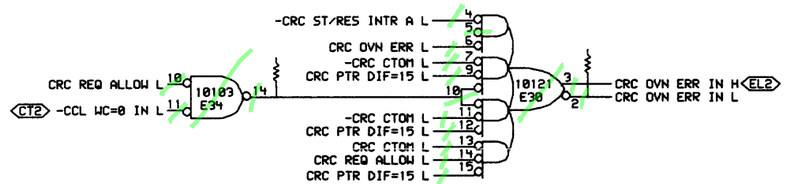
digital	DRN. J. Conroy	DATE 22-JUN-76	ENG.	DATE 6/21/76	TITLE: CHANNEL RAM CONTROL
	CHK D.	DATE	BOARD LOCATION: 4AF10	SHEET 1 OF 1	
CRC3EX.DRW[4,477]	26-MAY-76 13:12	NEXT HIGHER ASSEMBLY:	SIZE D	CODE CS	NUMBER M8535-0-CRC3 REV. B1
FIRST USED ON OPTION/MODEL: KL10		B-DD-M8535-0			

250









4 OF 7

REVISIONS			CHK	CHANGE NO.	REV.
CHK	CHANGE NO.	REV		M8535-00003	B1
MR. [illegible]		5	R.A. Thompson M177		
[illegible]			MSCHWARTZ		
[illegible]			[illegible] 1365		

digital

DRN.	DATE	ENG.	DATE
CHK'D.	22-JUN-76	DATE	6/14/76

BOARD LOCATION: 4AF10
SHEET 1 OF 1

CRC4E7 REV4.4773 | 26-MAY-76 13:13 | NEXT HIGHER ASSEMBLY: B-DD-M8535-0

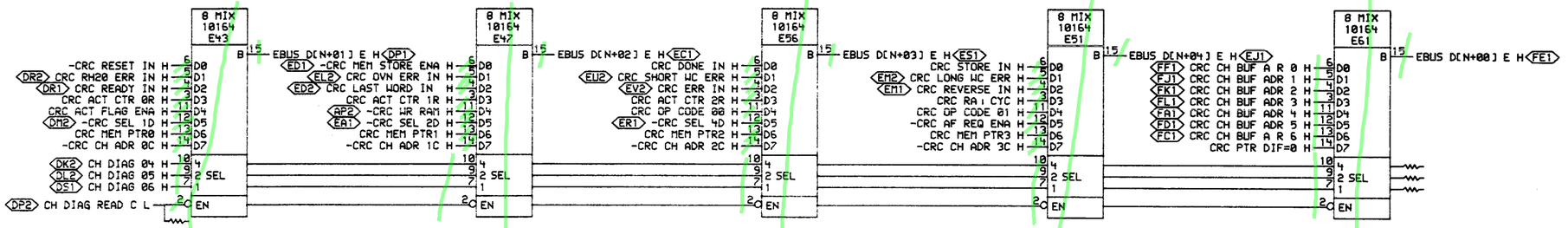
FIRST USED ON OPTION/MODEL: KL10

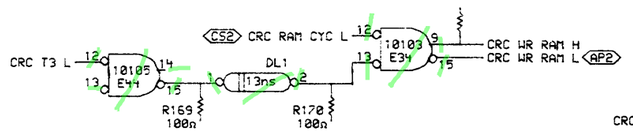
TITLE: CHANNEL RAM CONTROL

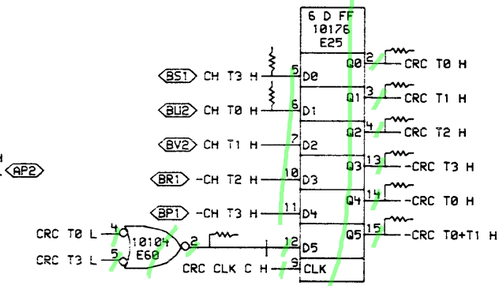
SIZE	CODE	NUMBER	REV.
D	CS	M8535-0-CRC4	B1

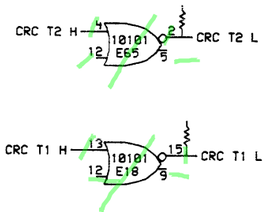
SIZE	CODE	NUMBER	REV.
D	CS	M8535-0-CRC4	B1

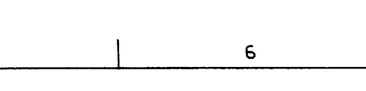
251

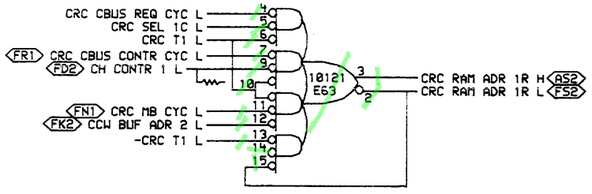


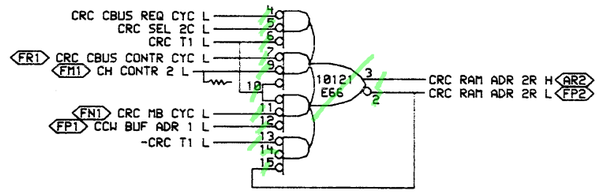


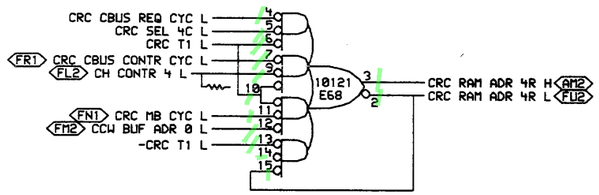












5 OF 7

REVISIONS			CHK	CHANGE NO.	REV
CHK	CHANGE NO.	REV		M8535-0003	E
-	M8535-0002	B			
	M.SCHWAB			M.SCHWARTZ	

digital	DRN.	DATE 12-AUG-76	ENG.	DATE	TITLE: CHANNEL RAM CONTROL
	CHK'D.	DATE	BOARD LOCATION: 4AF10		
			SHEET 1 OF 1		
CRC5EX.DRW[4,477] 28-MAY-76 13:27			NEXT HIGHER ASSEMBLY:		SIZE D / CODE CS / NUMBER M8535-0-CRC5 / REV. B1
FIRST USED ON OPTION/MODEL: KL10					

252

(BS2) -CCL CCW BUF WR H
(AJ2) CCL BUF ADR 3 H
(CE2) CRC TERM1
(CF2) CRC TERM2
(AK2) CRC TERM3
(AL2) CRC TERM4
(AM2) CRC TERM5
(BK1) CRC TERM6
(CD2) CRC TERM7
(CH2) CRC TERM8
(BL1) CRC TERM9
(AF2) CCL MIX MB SEL H

CRC CH ADR 0C L
CRC CH PTR0 H — 10176 E58 — 10101 E59 — 10176 E58 — 10176 E69 — CRC CH ADR 0E L
CRC T2 H
CRC T2 H
CRC T0 H

CRC CH ADR 1C L
CRC CH PTR1 H — 10176 E58 — 10101 E59 — 10176 E58 — 10176 E69 — CRC CH ADR 1E L
CRC T2 H
CRC T2 H
CRC T0 H

CRC CH ADR 2C L
CRC CH PTR2 H — 10176 E58 — 10101 E59 — 10176 E58 — 10176 E69 — CRC CH ADR 2E L
CRC T2 H
CRC T2 H
CRC T0 H

CRC CH ADR 3C L
CRC CH PTR3 H — 10176 E42 — 10101 E59 — 10176 E42 — 10176 E69 — CRC CH ADR 3E L
CRC T2 H
CRC T2 H
CRC T0 H

(ES2) CH SEL 4B EN L — 10176 E57 — CRC SEL 4B L — 10176 E57 — 10101 E62 — CRC SEL 4C H (FJ2) — 10176 E67 — (ER1) CRC SEL 4D L — 10176 E67 — CRC SEL 4E L (FT2)
CRC T0 H — CRC T0 H — CRC SEL 4C L — CRC T0 H — CRC T0 H

(ET2) CH SEL 2B EN L — 10176 E57 — CRC SEL 2B L — 10176 E57 — 10101 E62 — CRC SEL 2C H (FH2) — 10176 E67 — (EA1) CRC SEL 2D L — 10176 E67 — CRC SEL 2E L (FS1)
CRC T0 H — CRC T0 H — CRC SEL 2C L — CRC T0 H — CRC T0 H

(ER2) CH SEL 1B EN L — 10176 E57 — CRC SEL 1B L — 10176 E57 — 10101 E62 — CRC SEL 1C H (FE2) — 10176 E67 — (DM2) CRC SEL 1D L — 10176 E67 — CRC SEL 1E L (FR2)
CRC T0 H — CRC T0 H — CRC SEL 1C L — CRC T0 H — CRC T0 H

(FM2) CCW BUF ADR 0 L
CRC T3 L
(FV2) CRC REQ E L
(FT2) CRC SEL 4E L
CRC T0+T1 L
-CRC REQ E L
(FL2) CRC RAM ADR 4R L
CRC T2 L
(FP1) CCW BUF ADR 1 L
(FS1) CRC SEL 2E L
(FP2) CRC RAM ADR 2R L
(FK2) CCW BUF ADR 2 L
(FR2) CRC SEL 1E L
(FS2) CRC RAM ADR 1R L
CRC AF MEM PTR0 L
CRC CH ADR 0E L
CRC AF MEM PTR0 L
CRC CH ADR 0C L
CRC AF MEM PTR1 L
CRC CH ADR 1E L
CRC AF MEM PTR1 L
CRC CH ADR 1C L
CRC AF MEM PTR2 L
CRC CH ADR 2E L
CRC AF MEM PTR2 L
CRC CH ADR 2C L
CRC AF MEM PTR3 L
CRC CH ADR 3E L
CRC AF MEM PTR3 L
CRC CH ADR 3C L

10121 E73 — CRC CH BUF ADR 0 H (FF1)
10121 E71 — CRC CH BUF ADR 1 H (FJ1)
10121 E72 — CRC CH BUF ADR 2 H (FK1)
10121 E75 — CRC CH BUF ADR 3 H (FL1)
10121 E74 — CRC CH BUF ADR 4 H (FA1)
10121 E64 — CRC CH BUF ADR 5 H (FD1)
10121 E78 — CRC CH BUF ADR 6 H (FC1)

6 OF 7

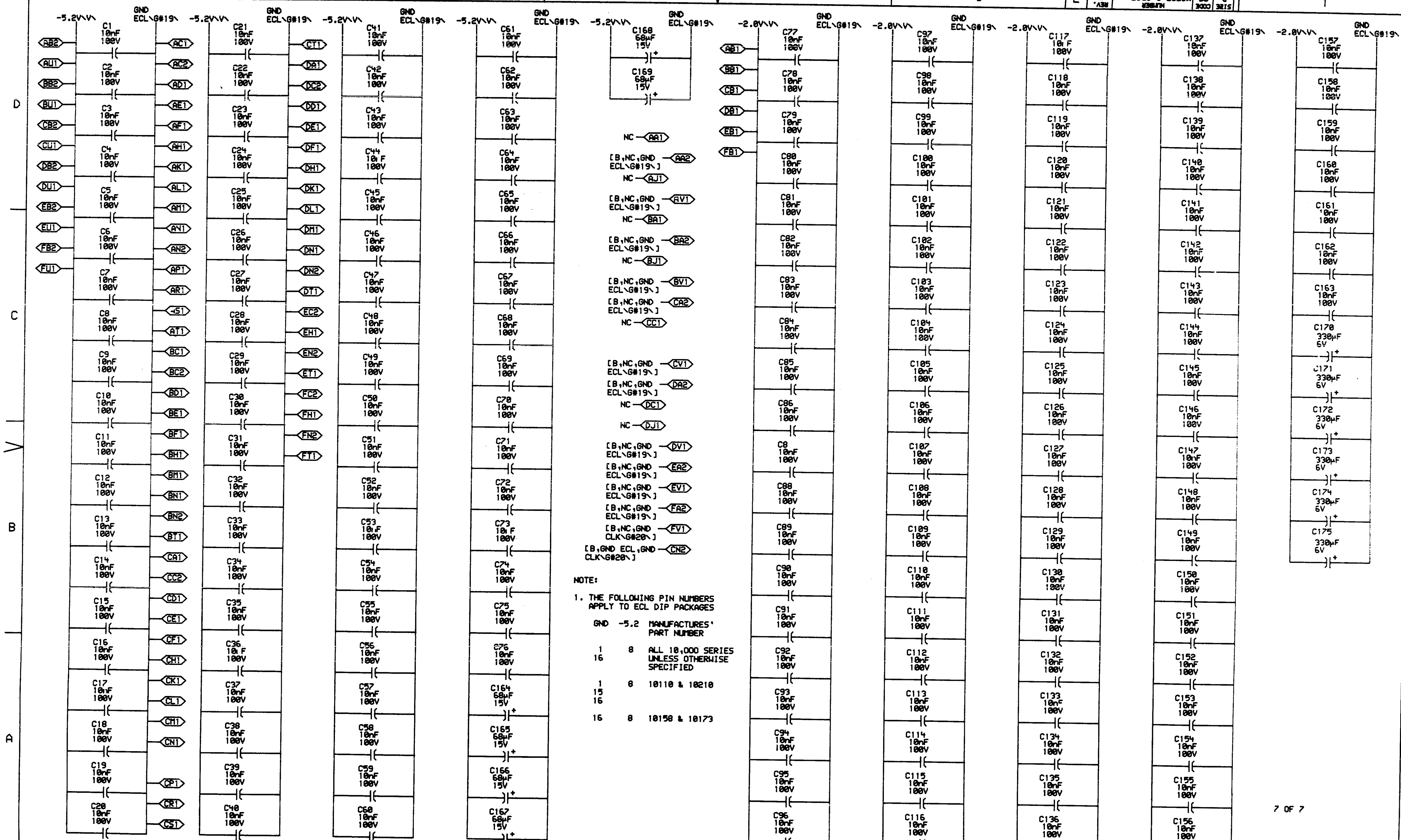
REVISIONS			CHK	CHANGE NO.	REV.
CHK	CHANGE NO.	REV		M8535-00003	B1
-	M8535-0000	B			
	DWN: W. SWANSON 7-9-76				
	CHK: M. SCHWARTZ		M SCHWARTZ		

digital
DWN. L. Toomey — DATE 26-MAY-76 — ENG. Mat Schwartz — DATE 6/22/76
CHK M. Thomas — DATE 5/27/76 — BOARD LOCATION: 4AE10 — SHEET 1 OF 1
CRCSEX.DRW[4,427] 26-MAY-76 13:15 — NEXT HIGHER ASSEMBLY: B-DD-M8535-0
FIRST USED ON OPTION/MODEL: KL10

TITLE: CHANNEL RAM CONTROL

SIZE	CODE	NUMBER	REV.
D	CS	M8535-0-CRC6	B1

253



-5.2V\V\
GND ECL\G#19\
-2.0V\V\
C1 10nF 100V
C2 10nF 100V
C3 10nF 100V
C4 10nF 100V
C5 10nF 100V
C6 10nF 100V
C7 10nF 100V
C8 10nF 100V
C9 10nF 100V
C10 10nF 100V
C11 10nF 100V
C12 10nF 100V
C13 10nF 100V
C14 10nF 100V
C15 10nF 100V
C16 10nF 100V
C17 10nF 100V
C18 10nF 100V
C19 10nF 100V
C20 10nF 100V
AB2 AU1 BB2 BU1 CB2 CU1 DB2 DU1 EB2 EU1 FB2 FU1
AC1 AC2 AD1 AE1 AF1 AH1 AK1 AL1 AM1 AN1 AN2 AP1 AR1 AS1 AT1 BC1 BC2 BD1 BE1 BF1 BH1 BM1 BN1 BN2 BT1 CA1 CC2 CD1 CE1 CF1 CH1 CK1 CL1 CM1 CN1 CP1 CR1 CS1
C21 10nF 100V
C22 10nF 100V
C23 10nF 100V
C24 10nF 100V
C25 10nF 100V
C26 10nF 100V
C27 10nF 100V
C28 10nF 100V
C29 10nF 100V
C30 10nF 100V
C31 10nF 100V
C32 10nF 100V
C33 10nF 100V
C34 10nF 100V
C35 10nF 100V
C36 10nF 100V
C37 10nF 100V
C38 10nF 100V
C39 10nF 100V
C40 10nF 100V
CT1 DA1 DC2 DD1 DE1 DF1 DH1 DK1 DL1 DM1 DN1 DN2 DT1 EC2 EH1 EN2 ET1 FC2 FH1 FN2 FT1
C41 10nF 100V
C42 10nF 100V
C43 10nF 100V
C44 10nF 100V
C45 10nF 100V
C46 10nF 100V
C47 10nF 100V
C48 10nF 100V
C49 10nF 100V
C50 10nF 100V
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C67 10nF 100V
C68 10nF 100V
C69 10nF 100V
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C71 10nF 100V
C72 10nF 100V
C73 10nF 100V
C74 10nF 100V
C75 10nF 100V
C76 10nF 100V
C164 68µF 15V
C165 68µF 15V
C166 68µF 15V
C167 68µF 15V
C168 68µF 15V
C169 68µF 15V
NC — AA1
[B,NC,GND ECL\G#19\] — AA2
NC — AJ1
[B,NC,GND ECL\G#19\] — AV1
NC — BA1
[B,NC,GND ECL\G#19\] — BA2
NC — BJ1
[B,NC,GND ECL\G#19\] — BV1
[B,NC,GND ECL\G#19\] — CA2
NC — CC1
[B,NC,GND ECL\G#19\] — CV1
[B,NC,GND ECL\G#19\] — DA2
NC — DC1
NC — DJ1
[B,NC,GND ECL\G#19\] — DV1
[B,NC,GND ECL\G#19\] — EA2
[B,NC,GND ECL\G#19\] — EV1
[B,NC,GND ECL\G#19\] — FA2
[B,NC,GND CLK\G#20\] — FV1
[B,GND ECL,GND CLK\G#20\] — CN2
NOTE:
1. THE FOLLOWING PIN NUMBERS APPLY TO ECL DIP PACKAGES
GND -5.2 MANUFACTURES' PART NUMBER
1 16 8 ALL 10,000 SERIES UNLESS OTHERWISE SPECIFIED
1 15 16 8 10110 & 10210
16 8 10158 & 10173
AB1 BB1 CB1 DB1 EB1 FB1
C77 10nF 100V
C78 10nF 100V
C79 10nF 100V
C80 10nF 100V
C81 10nF 100V
C82 10nF 100V
C83 10nF 100V
C84 10nF 100V
C85 10nF 100V
C86 10nF 100V
C8 10nF 100V
C88 10nF 100V
C89 10nF 100V
C90 10nF 100V
C91 10nF 100V
C92 10nF 100V
C93 10nF 100V
C94 10nF 100V
C95 10nF 100V
C96 10nF 100V
C97 10nF 100V
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C119 10nF 100V
C120 10nF 100V
C121 10nF 100V
C122 10nF 100V
C123 10nF 100V
C124 10nF 100V
C125 10nF 100V
C126 10nF 100V
C127 10nF 100V
C128 10nF 100V
C129 10nF 100V
C130 10nF 100V
C131 10nF 100V
C132 10nF 100V
C133 10nF 100V
C134 10nF 100V
C135 10nF 100V
C136 10nF 100V
C137 10nF 100V
C138 10nF 100V
C139 10nF 100V
C140 10nF 100V
C141 10nF 100V
C142 10nF 100V
C143 10nF 100V
C144 10nF 100V
C145 10nF 100V
C146 10nF 100V
C147 10nF 100V
C148 10nF 100V
C149 10nF 100V
C150 10nF 100V
C151 10nF 100V
C152 10nF 100V
C153 10nF 100V
C154 10nF 100V
C155 10nF 100V
C156 10nF 100V
C157 10nF 100V
C158 10nF 100V
C159 10nF 100V
C160 10nF 100V
C161 10nF 100V
C162 10nF 100V
C163 10nF 100V
C170 330µF 6V
C171 330µF 6V
C172 330µF 6V
C173 330µF 6V
C174 330µF 6V
C175 330µF 6V
7 OF 7

REVISIONS		
CHK	CHANGE NO.	REV
—	M8535-00002	B
	M. SCHWARTZ	

CHK	CHANGE NO.	REV.
	M8535-00003	B1
	M. SCHWARTZ	

digital

DRN.	DATE 22-JUN-76	ENG.	DATE 6/22/76
CHK'D.	DATE	BOARD LOCATION: 4AF10	SHEET 1 OF 1
CRC7EX.DRW[4,477]	22-JUN-76 09:22	NEXT HIGHER ASSEMBLY: B-DD-M8535-0	
FIRST USED ON OPTION/MODEL: KL10			

TITLE: CHANNEL RAM CNTRL PWR, GND, AND CAPS

SIZE	CODE	NUMBER	REV.
D	CS	M8535-0-CRC7	B1

RESISTOR LOC(PIN)	SHOWN DRW#	ON REF	VALUE	TERMINATES SIGNAL
R60(1)	CRC1	A7	68Ω	%E1(2)
R62(1)	CRC1	A7	68Ω	%E1(3)
R116(1)	CRC1	B7	68Ω	%E1(6)
R114(1)	CRC1	A7	68Ω	%E1(7)
R195(1)	CRC1	D4	68Ω	%E11(14)
R194(1)	CRC1	D4	68Ω	%E11(15)
R202(1)	CRC1	D4	68Ω	%E11(2)
R203(1)	CRC1	D4	68Ω	%E11(3)
R68(1)	CRC3	B3	68Ω	%E12(1)
R66(1)	CRC3	A3	68Ω	%E12(14)
R67(1)	CRC3	A3	68Ω	%E12(15)
R69(1)	CRC3	B3	68Ω	%E12(2)
R183(1)	CRC3	B2	68Ω	%E13(2)
R53(1)	CRC3	A2	68Ω	%E13(3)
R45(1)	CRC2	C7	68Ω	%E14(14)
R48(1)	CRC2	C7	68Ω	%E14(15)
R72(1)	CRC2	A7	68Ω	%E17(1)
R64(1)	CRC2	A7	68Ω	%E17(14)
R65(1)	CRC2	A7	68Ω	%E17(15)
R73(1)	CRC2	A7	68Ω	%E17(2)
R3(1)	CRC1	A4	68Ω	%E19(1)
R1(1)	CRC1	A4	68Ω	%E19(15)
R2(1)	CRC1	A4	68Ω	%E19(2)
R156(1)	CRC1	C4	68Ω	%E2(2)
R154(1)	CRC1	C4	68Ω	%E2(3)
R159(1)	CRC1	C4	68Ω	%E2(6)
R157(1)	CRC1	C4	68Ω	%E2(7)
R163(1)	CRC1	D5	68Ω	%E21(14)
R162(1)	CRC1	D5	68Ω	%E21(3)
R40(1)	CRC4	D6	68Ω	%E22(1)
R34(1)	CRC4	D6	68Ω	%E22(14)
R39(1)	CRC4	D6	68Ω	%E22(15)
R38(1)	CRC4	D6	68Ω	%E22(2)
R260(1)	CRC4	B3	68Ω	%E26(14)
R80(1)	CRC3	D3	68Ω	%E27(1)
R77(1)	CRC3	D3	68Ω	%E27(14)
R82(1)	CRC3	D3	68Ω	%E27(15)
R81(1)	CRC3	D3	68Ω	%E27(2)
R43(1)	CRC2	C7	68Ω	%E29(7)
R265(1)	CRC2	B7	68Ω	%E31(14)

RESISTOR LOC(PIN)	SHOWN DRW#	ON REF	VALUE	TERMINATES SIGNAL
R91(1)	CRC4	B6	68Ω	%E33(15)
R170(1)	CRC5	C6	100Ω	%E34(13)
R212(1)	CRC4	A3	68Ω	%E34(14)
R83(1)	CRC2	C7	68Ω	%E35(15)
R252(1)	CRC3	B6	68Ω	%E35(3)
R254(1)	CRC3	B7	68Ω	%E35(6)
R50(1)	CRC4	B2	68Ω	%E38(15)
R132(1)	CRC3	C7	68Ω	%E39(7)
R139(1)	CRC1	B3	68Ω	%E4(5)
R92(1)	CRC2	D5	68Ω	%E41(15)
R257(1)	CRC3	A7	68Ω	%E41(2)
R99(1)	CRC6	C6	68Ω	%E42(14)
R107(1)	CRC6	C5	68Ω	%E42(15)
R169(1)	CRC5	C7	100Ω	%E44(15)
R155(1)	CRC1	B3	68Ω	%E44(2)
R142(1)	CRC4	C6	68Ω	%E48(14)
R19(1)	CRC3	C7	68Ω	%E55(15)
R184(1)	CRC6	B6	68Ω	%E57(13)
R181(1)	CRC6	A6	68Ω	%E57(15)
R180(1)	CRC6	B6	68Ω	%E57(3)
R111(1)	CRC6	D5	68Ω	%E58(13)
R95(1)	CRC6	C6	68Ω	%E58(14)
R110(1)	CRC6	C5	68Ω	%E58(15)
R100(1)	CRC6	D6	66Ω	%E58(2)
R109(1)	CRC6	D5	68Ω	%E58(3)
R101(1)	CRC6	D6	68Ω	%E58(4)
R49(1)	CRC2	B2	68Ω	%E60(14)
R208(1)	CRC5	C5	68Ω	%E60(2)
R102(1)	CRC2	B5	68Ω	%E65(9)
R70(1)	CRC2	A2	68Ω	%E8(14)
R71(1)	CRC2	A2	68Ω	%E8(15)
R75(1)	CRC2	A2	68Ω	%E8(2)
R74(1)	CRC2	B2	68Ω	%E8(3)
R199(1)	CRC6	D7	68Ω	CCL BUF ADR 3 H
R211(1)	CRC6	D7	68Ω	-CCL CCW BUF WR H
R258(1)	CRC2	D7	68Ω	CCL CCWF CLR H
R18(1)	CRC3	C6	68Ω	CCL ERROR H
R46(1)	CRC3	C7	68Ω	CCL LAST XFER ERR IN H
R12(1)	CRC2	C2	68Ω	CCL LOAD AC H
R150(1)	CRC2	D2	68Ω	-CCL LOAD AC H

RESISTOR LOC(PIN)	SHOWN DRW#	ON REF	VALUE	TERMINATES SIGNAL
R135(1)	CRC3	D6	68Ω	-CCL MB REQ T2 H
R193(1)	CRC6	C7	68Ω	CCL MIX MB SEL H
R97(1)	CRC3	C5	68Ω	CCL OP LOAD H
R78(1)	CRC3	C5	68Ω	-CCL OP LOAD H
R4(1)	CRC2	C7	68Ω	-CCL RAM REQ H
R63(1)	CRC2	A3	68Ω	-CCL REQ CTR EN H
R23(1)	CRC4	B7	68Ω	CCL WC=0 IN H
R87(1)	CRC3	B6	68Ω	-CCL WC=0 IN H
R205(1)	CRC2	D2	68Ω	-CCW ACT CTR 0 EN H
R161(1)	CRC2	C2	68Ω	-CCW ACT CTR 1 EN H
R201(1)	CRC2	B2	68Ω	-CCW ACT CTR 2 EN H
R96(1)	CRC3	C5	68Ω	-CCW BUF 00 IN H
R174(1)	CRC3	B5	68Ω	-CCW BUF 01 IN H
R171(1)	CRC3	B5	68Ω	-CCW BUF 02 IN H
R151(1)	CRC6	D3	68Ω	-CCW BUF ADR 0 H
R248(1)	CRC6	D3	68Ω	-CCW BUF ADR 1 H
R185(1)	CRC6	C3	68Ω	-CCW BUF ADR 2 H
R24(1)	CRC4	B7	68Ω	CCW CCWF WAITING H
R21(1)	CRC2	C7	68Ω	CH CBUS REQ H
R42(1)	CRC2	C7	68Ω	-CH CBUS REQ H
R149(1)	CRC5	A7	68Ω	-CH CONTR 1 H
R250(1)	CRC5	A5	68Ω	-CH CONTR 2 H
R150(1)	CRC5	A2	68Ω	-CH CONTR 4 H
R5(1)	CRC2	C8	68Ω	CH CONTR REQ H
R22(1)	CRC2	C7	68Ω	-CH CONTR REQ H
R140(1)	CRC5	B6	68Ω	CH CTOM H
R246(1)	CRC5	D2	68Ω	CH DIAG 04 H
R247(1)	CRC5	D2	68Ω	CH DIAG 05 H
R245(1)	CRC5	D2	68Ω	CH DIAG 06 H
R243(1)	CRC5	C7	68Ω	-CH DIAG READ C H
R93(1)	CRC4	C6	68Ω	-CH DONE INTR H
R6(1)	CRC2	C7	68Ω	CH MR RESET B H
R52(1)	CRC2	B6	68Ω	-CH REQ D H
R263(1)	CRC4	D2	68Ω	CH RESET INTR H
R138(1)	CRC4	C2	68Ω	-CH RESET INTR H
R176(1)	CRC6	A7	68Ω	-CH SEL 1B EN H
R182(1)	CRC6	B7	68Ω	-CH SEL 2B EN H
R178(1)	CRC6	B7	68Ω	-CH SEL 4B EN H
R85(1)	CRC2	D7	68Ω	-CH START H
R225(1)	CRC4	D2	68Ω	CH START INTR H

RESISTOR LOC(PIN)	SHOWN DRW#	ON REF	VALUE	TERMINATES SIGNAL
R30(1)	CRC4	B6	68Ω	-CH START INTR H
R137(1)	CRC4	C7	68Ω	CH STORE H
R264(1)	CRC5	C4	68Ω	CH T0 H
R214(1)	CRC5	C4	68Ω	CH T3 H
R130(1)	CRC1	B2	68Ω	CLK CRC H
R15(1)	CRC2	D1	68Ω	CRC ACT CTR 0 IN H
R230(1)	CRC2	A5	68Ω	CRC ACT CTR 0R H
R209(1)	CRC2	A5	68Ω	-CRC ACT CTR 0R H
R14(1)	CRC2	C1	68Ω	CRC ACT CTR 1 IN H
R233(1)	CRC2	A5	68Ω	CRC ACT CTR 1R H
R166(1)	CRC2	A5	68Ω	-CRC ACT CTR 1R H
R7(1)	CRC2	C1	68Ω	CRC ACT CTR 2 IN H
R240(1)	CRC2	A5	68Ω	CRC ACT CTR 2R H
R228(1)	CRC1	D7	68Ω	CRC ACT FLAG ALLOW H
R229(1)	CRC1	D7	68Ω	CRC ACT FLAG ENA H
R57(1)	CRC2	B2	68Ω	-CRC AF MEM PTR0 H
R112(1)	CRC2	A2	68Ω	-CRC AF MEM PTR1 H
R104(1)	CRC2	A2	68Ω	-CRC AF MEM PTR2 H
R55(1)	CRC2	A2	68Ω	-CRC AF MEM PTR3 H
R88(1)	CRC1	B3	68Ω	-CRC AF REQ ENA H
R217(1)	CRC2	C6	68Ω	-CRC CBUS REQ CYC H
R227(1)	CRC6	D5	68Ω	-CRC CH ADR 0C H
R56(1)	CRC6	D4	68Ω	-CRC CH ADR 0E H
R108(1)	CRC6	D5	68Ω	-CRC CH ADR 1C H
R113(1)	CRC6	D4	68Ω	-CRC CH ADR 1E H
R237(1)	CRC6	C5	68Ω	-CRC CH ADR 2C H
R106(1)	CRC6	C4	68Ω	-CRC CH ADR 2E H
R232(1)	CRC6	C5	68Ω	-CRC CH ADR 3C H
R54(1)	CRC6	C4	68Ω	-CRC CH ADR 3E H
R196(1)	CRC1	C3	68Ω	CRC CH PTR PLUS H
R145(1)	CRC1	D2	68Ω	CRC CH PTR0 H
R191(1)	CRC1	D3	68Ω	CRC CH PTR0 IN H
R146(1)	CRC1	D2	68Ω	CRC CH PTR1 H
R189(1)	CRC1	D3	68Ω	CRC CH PTR1 IN H
R141(1)	CRC1	D2	68Ω	CRC CH PTR2 H
R188(1)	CRC1	D3	68Ω	CRC CH PTR2 IN H
R31(1)	CRC1	D2	68Ω	CRC CH PTR3 H
R186(1)	CRC1	D3	68Ω	CRC CH PTR3 IN H
R47(1)	CRC1	B2	68Ω	CRC CLK A H
R58(1)	CRC1	B2	68Ω	CRC CLK B H

NOTE:

1. ALL TERMINATORS HAVE PIN TWO CONNECTED TO -2.0V AND ARE 5% 1/4WATT UNLESS OTHERWISE SPECIFIED
2. ENTRIES ARE SORTED BY SIGNAL NAME
3. % INDICATES OUTPUT OF DIP LOC AND () INDICATES PIN NUMBER

REVISIONS			CHK	CHANGE NO.	REV
CHK	CHANGE NO.	REV		M8535-00003	B1
-	M8535-00002	B			

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DRN. E.Smith 27-MAY-76 | ENG. [signature] 6/16/76 | TITLE: CHANNEL RAM TERMINATORS

CHK [signature] 5/27/76 | BOARD LOCATION: | SIZE D | CODE CS | NUMBER M8535-0-RES | REV. B1

M8535I.DRW[4,477] 27-MAY-76 08:10 | SHEET 1 OF 2 | NEXT HIGHER ASSEMBLY: B-DD-M8535-0

FIRST USED ON OPTION/MODEL: KL10

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R210(1)	CRC1	B2	68Ω	CRC CLK C H
R253(1)	CRC5	B6	68Ω	CRC CTOM H
R187(1)	CRC5	B6	68Ω	-CRC CTOM H
R94(1)	CRC3	A2	68Ω	-CRC DONE H
R241(1)	CRC4	C6	68Ω	CRC DONE IN H
R119(1)	CRC4	C6	68Ω	-CRC DONE IN H
R167(1)	CRC2	D4	68Ω	CRC DONE LOAD AC H
R200(1)	CRC2	D4	68Ω	-CRC DONE LOAD AC H
R89(1)	CRC3	D2	68Ω	CRC ERR H
R28(1)	CRC3	C6	68Ω	-CRC ERR IN H
R133(1)	CRC3	D2	68Ω	-CRC LAST WORD H
R128(1)	CRC3	C6	68Ω	-CRC LAST WORD IN H
R124(1)	CRC4	A6	68Ω	CRC LONG WC ERR IN H
R84(1)	CRC2	D6	68Ω	-CRC MB CYC T3 H
R136(1)	CRC3	D6	68Ω	CRC MEM PTR EN H
R41(1)	CRC3	D6	68Ω	-CRC MEM PTR EN H
R226(1)	CRC1	C2	68Ω	CRC MEM PTR0 H
R117(1)	CRC1	C3	68Ω	CRC MEM PTR0 IN H
R231(1)	CRC1	C2	68Ω	CRC MEM PTR1 H
R118(1)	CRC1	C3	68Ω	CRC MEM PTR1 IN H
R236(1)	CRC1	C2	68Ω	CRC MEM PTR2 H
R61(1)	CRC1	C3	68Ω	CRC MEM PTR2 IN H
R234(1)	CRC1	C2	68Ω	CRC MEM PTR3 H
R59(1)	CRC1	C3	68Ω	CRC MEM PTR3 IN H
R239(1)	CRC3	B1	68Ω	CRC OP CODE 00 H
R98(1)	CRC3	B1	68Ω	-CRC OP CODE 00 H
R121(1)	CRC3	C4	68Ω	CRC OP CODE 00 IN H
R168(1)	CRC3	C4	68Ω	-CRC OP CODE 00 IN H
R235(1)	CRC3	A1	68Ω	CRC OP CODE 01 H
R175(1)	CRC3	A1	68Ω	-CRC OP CODE 01 H
R20(1)	CRC3	B4	68Ω	CRC OP CODE 01 IN H
R25(1)	CRC3	B4	68Ω	-CRC OP CODE 01 IN H
R259(1)	CRC3	B2	68Ω	-CRC OP DATA H
R26(1)	CRC3	C2	68Ω	CRC OP HALT H
R256(1)	CRC3	C2	68Ω	-CRC OP HALT H
R79(1)	CRC3	C2	68Ω	-CRC OP JUMP H
R27(1)	CRC3	B2	68Ω	CRC OP LAST DATA H
R35(1)	CRC3	B2	68Ω	-CRC OP LAST DATA H
R220(1)	CRC4	C4	68Ω	-CRC OVN ERR H
R122(1)	CRC4	A2	68Ω	-CRC OVN ERR IN H

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R8(1)	CRC1	B6	68Ω	CRC PTR DIF0 H
R16(1)	CRC1	C7	68Ω	-CRC PTR DIF0 H
R9(1)	CRC1	A6	68Ω	CRC PTR DIF1 H
R17(1)	CRC1	B7	68Ω	-CRC PTR DIF1 H
R11(1)	CRC1	A6	68Ω	CRC PTR DIF2 H
R164(1)	CRC1	B7	68Ω	-CRC PTR DIF2 H
R10(1)	CRC1	A6	68Ω	CRC PTR DIF3 H
R204(1)	CRC1	B7	68Ω	-CRC PTR DIF3 H
R244(1)	CRC1	C7	68Ω	CRC PTR DIF=0 H
R90(1)	CRC1	C7	68Ω	-CRC PTR DIF=0 H
R255(1)	CRC1	C7	68Ω	CRC PTR DIF=15 H
R134(1)	CRC1	C7	68Ω	-CRC PTR DIF=15 H
R158(1)	CRC1	C7	68Ω	CRC PTR LATCH H
R238(1)	CRC2	B1	68Ω	CRC RAM CYC H
R223(1)	CRC3	D2	68Ω	-CRC READY H
R36(1)	CRC3	B6	68Ω	CRC READY CLR H
R222(1)	CRC3	B6	68Ω	-CRC READY CLR EN H
R129(1)	CRC3	A6	68Ω	-CRC READY IN H
R44(1)	CRC1	D7	68Ω	CRC READY INH H
R13(1)	CRC1	D7	68Ω	-CRC READY INH H
R165(1)	CRC1	C4	68Ω	-CRC REQ ALLOW H
R262(1)	CRC2	B4	68Ω	CRC REQ E H
R120(1)	CRC4	C2	68Ω	-CRC RESET IN H
R172(1)	CRC3	C2	68Ω	-CRC REVERSE H
R126(1)	CRC3	B4	68Ω	-CRC REVERSE IN H
R29(1)	CRC4	D4	68Ω	-CRC RH20 ERR H
R127(1)	CRC4	B6	68Ω	-CRC RH20 ERR IN H
R173(1)	CRC6	A7	68Ω	-CRC SEL 1B H
R148(1)	CRC6	A5	68Ω	-CRC SEL 1C H
R177(1)	CRC6	B7	68Ω	-CRC SEL 2B H
R249(1)	CRC6	B5	68Ω	-CRC SEL 2C H
R179(1)	CRC6	B7	68Ω	-CRC SEL 4B H
R152(1)	CRC6	B5	68Ω	-CRC SEL 4C H
R125(1)	CRC4	C2	68Ω	CRC SHORT WC ERR IN H
R115(1)	CRC4	D2	68Ω	CRC ST/RES INTR A H
R37(1)	CRC4	D2	68Ω	CRC ST/RES INTR B H
R153(1)	CRC4	D2	68Ω	-CRC ST/RES INTR B H
R143(1)	CRC2	B6	68Ω	-CRC STORE H
R131(1)	CRC4	C6	68Ω	CRC STORE IN H
R123(1)	CRC4	C6	68Ω	-CRC STORE IN H

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R147(1)	CRC5	C4	68Ω	CRC T0 H
R51(1)	CRC5	C4	68Ω	-CRC T0 H
R105(1)	CRC5	C4	68Ω	-CRC T0+T1 H
R242(1)	CRC5	C4	68Ω	CRC T1 H
R261(1)	CRC5	C2	68Ω	-CRC T1 H
R144(1)	CRC5	C4	68Ω	CPC T2 H
R86(1)	CRC5	C2	68Ω	-CRC T2 H
R251(1)	CRC5	C4	68Ω	-CRC T3 H
R215(1)	CRC6	D7	68Ω	CRC TERM1
R218(1)	CRC6	C7	68Ω	CRC TERM2
R198(1)	CRC6	C7	68Ω	CRC TERM3
R197(1)	CRC6	C7	68Ω	CRC TERM4
R192(1)	CRC6	C7	68Ω	CRC TERM5
R207(1)	CRC6	C7	68Ω	CRC TERM6
R216(1)	CRC6	C7	68Ω	CRC TERM7
R219(1)	CRC6	C7	68Ω	CRC TERM8
R206(1)	CRC6	C7	68Ω	CRC TERM9
R221(1)	CRC5	C6	68Ω	CRC WR RAM H

NOTE:

1. ALL TERMINATORS HAVE PIN TWO CONNECTED TO -2.0V AND ARE 5% 1/4WATT UNLESS OTHERWISE SPECIFIED
2. ENTRIES ARE SORTED BY SIGNAL NAME
3. % INDICATES OUTPUT OF DIP LOC AND () INDICATES PIN NUMBER

REVISIONS

CHK	CHANGE NO.

M8535Z.DRW[4,477] 22-MAY-76 00:11

DRN. C Smith	DATE 27-MAY-76	ENG	DATE
CHK	DATE	BOARD LOCATION:	
		SHEET 2 OF 2	
FIRST USED ON OPTION/MODEL: KL10		NEXT HIGHER ASSEMELY: B-DD-M8535-0	

TITLE: CHANNEL RAM TERMINATORS

SIZE	CODE	NUMBER	REV.
D	CS	M8535-0-RES	B1

SIZE D | CODE CS | NUMBER M8535-0-RES | REV. B1