REVISION CONTROL SHEET

CUSTOMER PRINT SET | MFG SET

DRAWING NO	NO OF SHT	DESCRIPTION	OPTION NO/FILE DATE	REVISIONS REWORK VERSION A	B	B
	-	MODULE REVISION		A	B	B
D-UA-M8519-Ø-Ø	5	INT MEM BUS TRANSLATOR		-	A	A1
D-CS-M8519-Ø-MEM1	1	INT MEM BUS TRANSLATOR		-	-	-1
D-CS-M8519-Ø-MEM2	1	INT MEM BUS TRANSLATOR		-	-	-1
D-CS-M8519-Ø-MEM3	1	INT MEM BUS TRANSLATOR		-	-	-1
D-CS-M8519-Ø-MEM4	1	INT MEM BUS TRANSLATOR		-	-	-1
D-CS-M8519-Ø-MEM5	1	INT MEM BUS TRANSLATOR		-	-	-1
D-CS-M8519-Ø-MEM6	1	INT MEM BUS TRANSLATOR		-	A	A1
D-CS-M8519-Ø-RES	1	INTERNAL MEMORY TERMINATORS		-	-	-1
K-CO-M8519-Ø-4	1	INT MEM BUS TRANSLATOR		B	B	B
D-AH-M8519-Ø-5	4	INT MEM BUS TRANSLATOR		A	A	A
B-MH-M8519-Ø-6	1	MODULE ECO HISTORY		-	REF	REF
5010639	-	ETCH CIRCUIT BOARD		B	B	B
P00-M8519-00	-	PROCESS SHEET (REF ONLY)		-	-	-

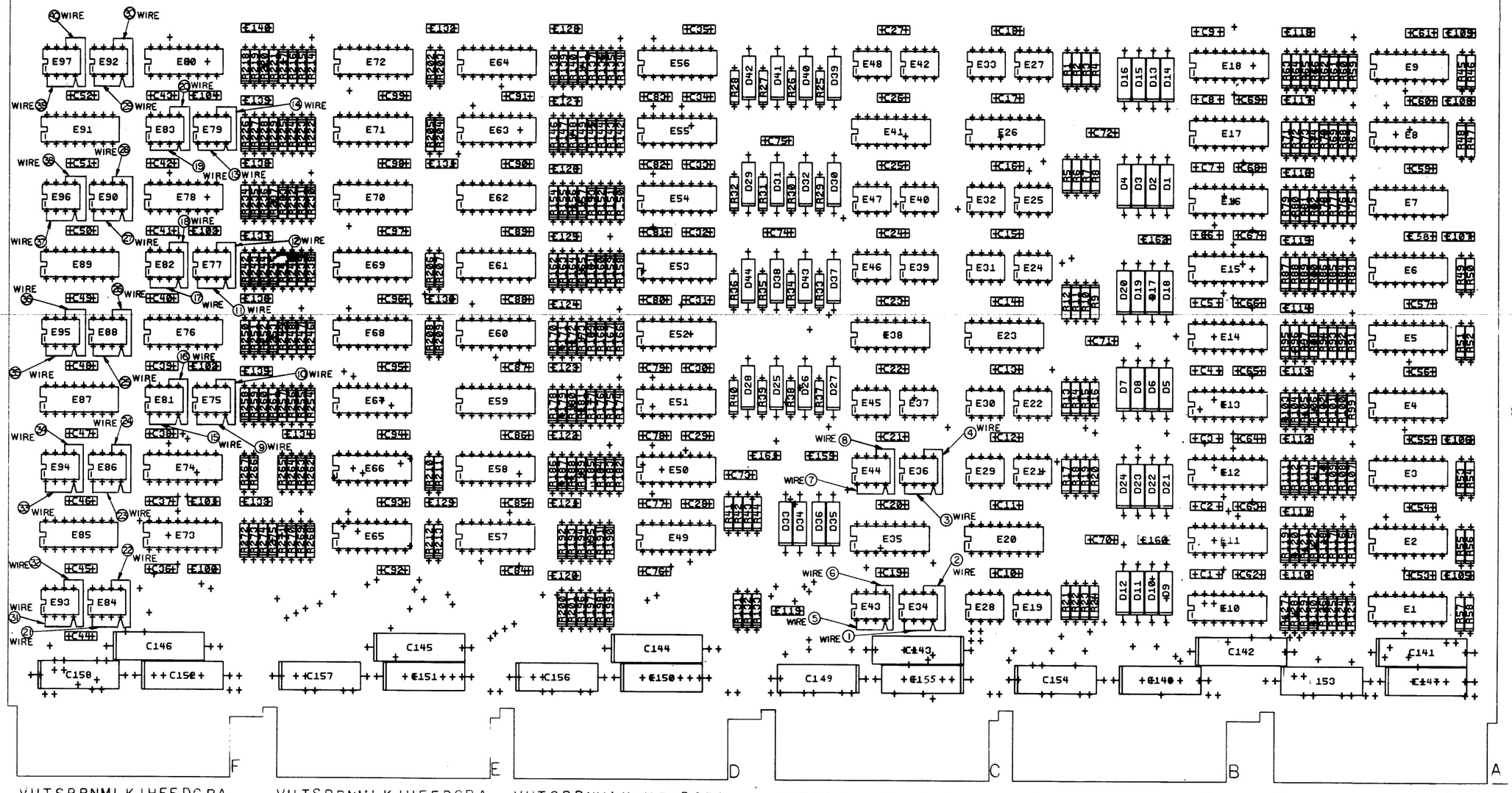
CUSTOMER PRINT SET CODES

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

TITLE	SHEET	SIZE	CODE	NUMBER	REV
INT MEM BUS TRANSLATOR	SHEET 2 OF 3	B	DD	M8519-Ø	B

MR 92



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	SIZE	CODE	NUMBER	REV.
INT MEM BUS TRANSLATOR	D	UA	M8519-0-0	A1
SCALE 2/1	SHEET 2 OF 5		DIST.	

DEC FORM NO DRD 137

93

REVISION CONTROL SHEET

CUSTOMER PRINT SET / MFG SET

DRAWING NO	NO OF SHT	DESCRIPTION	OPTION NO/FILE DATE	REVISIONS NEW LAYOUT VERSION		
	-	MODULE REVISION		A	B	C
D-UA-M8519-Ø-Ø	5	INT MEM BUS TRANSLATOR		-	A	B
D-CS-M8519-Ø-MTØ1	1	INT MEM BUS TRANSLATOR		-	-	A
D-CS-M8519-Ø-MTØ2	1	INT MEM BUS TRANSLATOR		-	-	A
D-CS-M8519-Ø-MTØ3	1	INT MEM BUS TRANSLATOR		-	-	A
D-CS-M8519-Ø-MTØ4	1	INT MEM BUS TRANSLATOR		-	-	A
D-CS-M8519-Ø-MTØ5	1	INT MEM BUS TRANSLATOR		-	-	A
D-CS-M8519-Ø-MTØ6	1	INT MEM BUS TRANSLATOR		-	A	B
D-CS-M8519-Ø-RES	1	INTERNAL MEMORY TERMINATORS		-	-	A
				-		
K-CO-M8519-Ø-4	1	INT MEM BUS TRANSLATOR		B	B	C
D-AH-M8519-Ø-5	4	INT MEM BUS TRANSLATOR		A	A	B
B-MH-M8519-Ø-6	1	MODULE ECO HISTORY		-	REF	REF
5010639	-	ETCH CIRCUIT BOARD		B	B	C
P00-M8519-00	-	PROCESS SHEET (REF ONLY)		-	-	-

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

TITLE		SIZE	CODE	NUMBER	REV
INT MEM BUS TRANSLATOR	SHEET 3 OF 3	B	DD	M8519-Ø	8

MR 94

17(QTY 12) 16

NOTES:

CHK	CHANGE NO	REV

SIGNATURES	DATE
DRN. Gad J Mann	7-DEC-76
CHK'D.	
ENG. P Sullivan	25 JAN 77
PROJ.ENG. P Sullivan	25 JAN 77
PROD. W. Embry	25 JAN 77
SCALE 2/1	
SHT. 2 OF 5	

digital

TITLE
INTERNAL MEMORY BUS

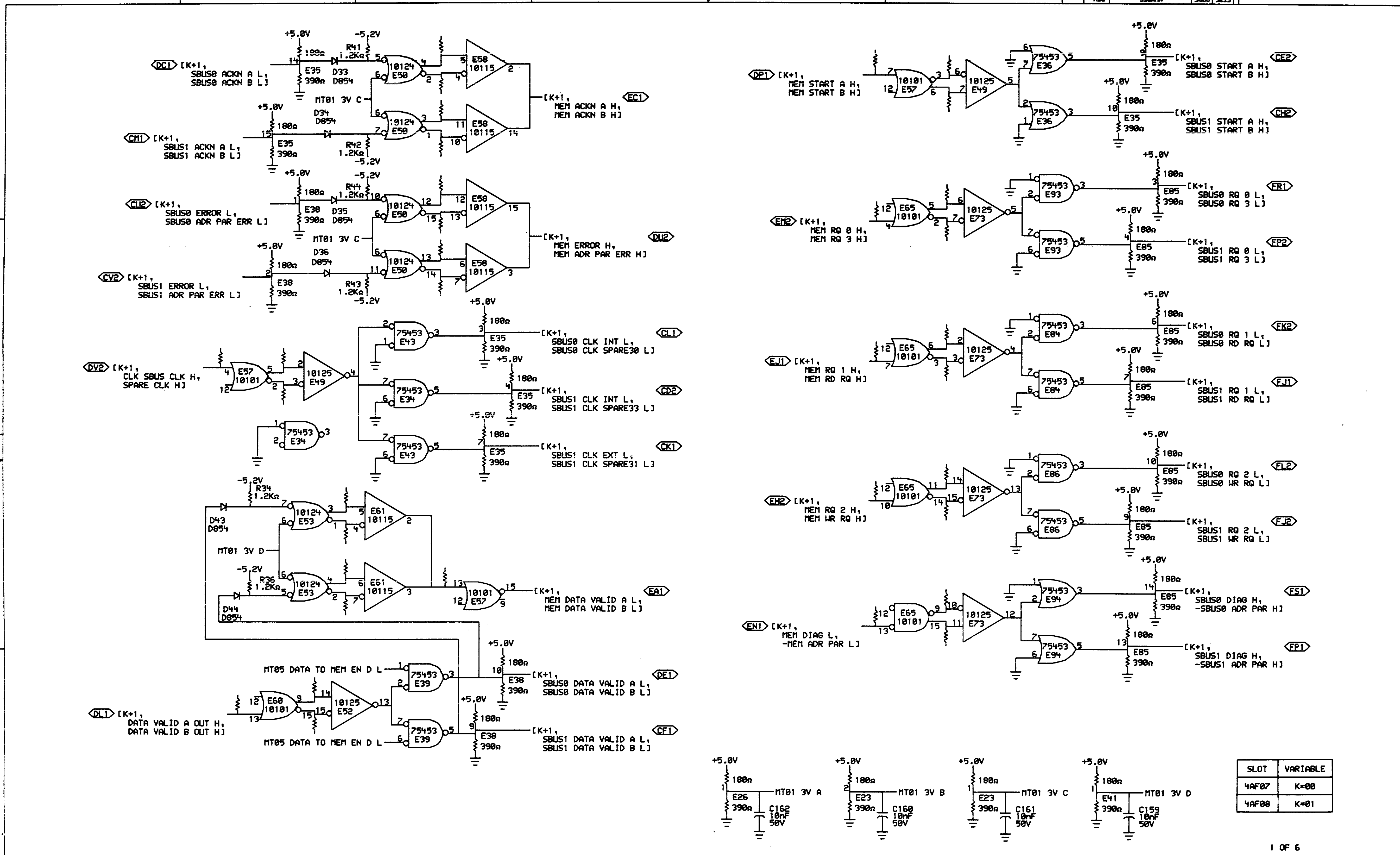
SIZE	CODE	NUMBER	REV
D	UA	M8519-Ø-Ø	B

NEXT HIGHER ASSY. B-DD-M8519-Ø

ETCH REV. C-P4
P.C. DESIGN DATA BASE REV. C-P4

MR 1 MS#30375C

95



SLOT	VARIABLE
4AF07	K=00
4AF08	K=01

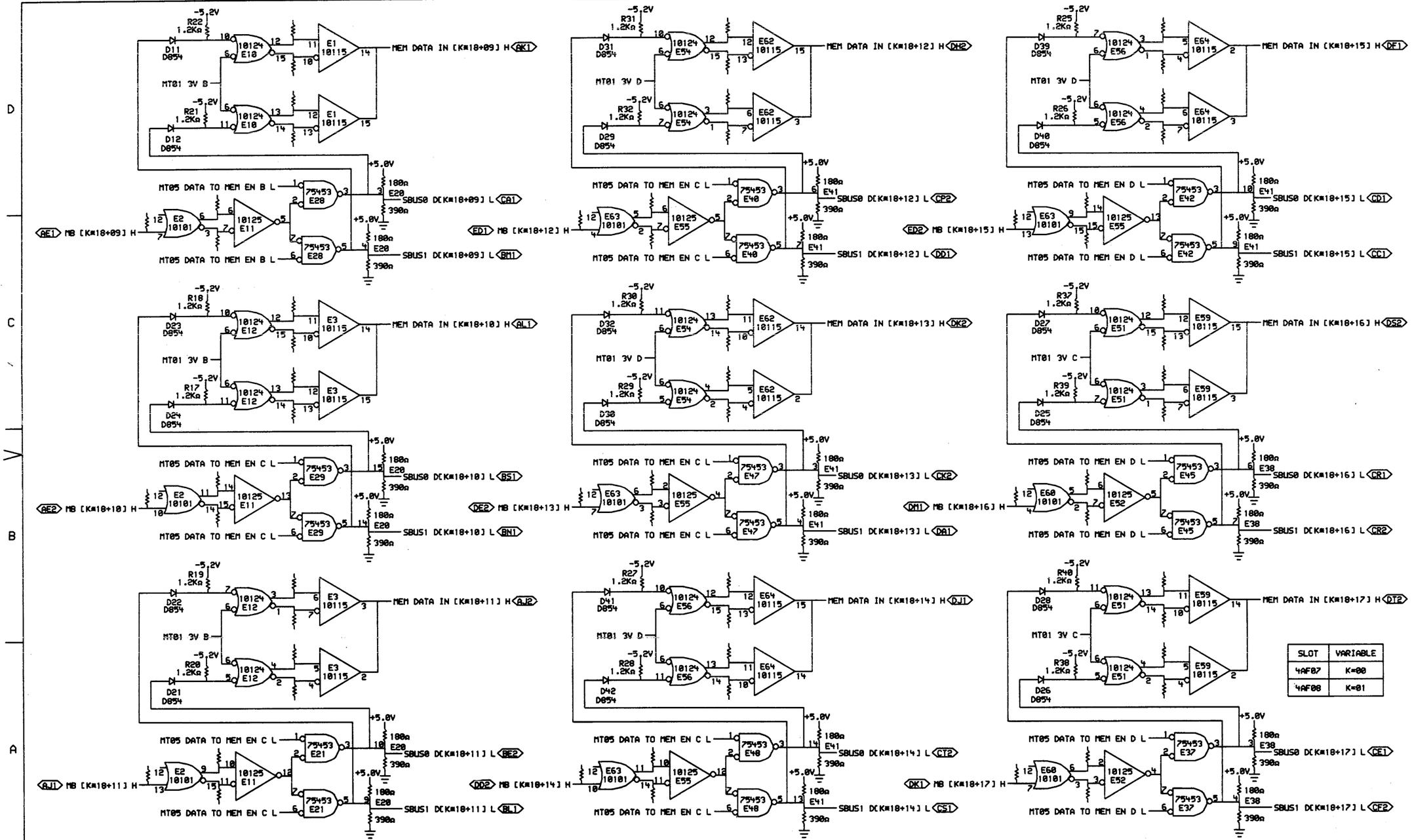
1 OF 6

REVISIONS		
CHK	CHANGE NO.	REV

digital
DRN: Toomby DATE 19-JAN-77
CHK'D: R. Smith DATE 19-JAN-77
ENG. R. Sullivan DATE
BOARD LOCATION:
SHEET 1 OF 1
MT01ER.DRW[4,547] 19-JAN-77 13:10
NEXT HIGHER ASSEMBLY: B-DD-M8519-0
FIRST USED ON OPTION/MODEL: KL10

TITLE: INTERNAL MEMORY BUS TRANSLATOR

SIZE	CODE	NUMBER	REV.
D	CS	M8519-0-MT01	A



SLOT	VARIABLE
4AF07	K=00
4AF08	K=01

3 OF 6

REVISIONS		
CHK	CHANGE NO.	REV

digital

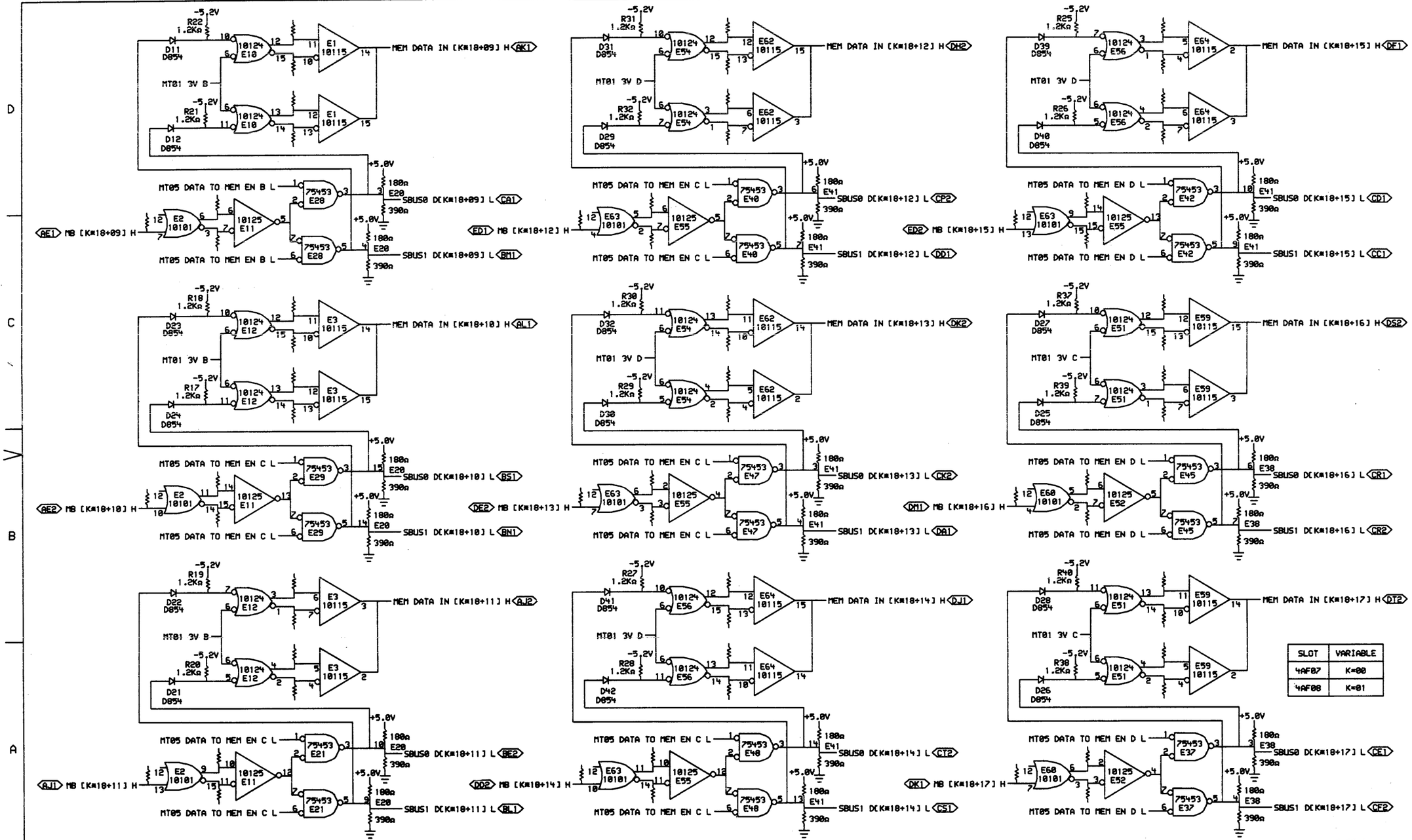
DRN. L. Lavoie DATE 18-JAN-77
CHK D. Lee DATE
ENG. R. Keller DATE 27-JAN-77
BOARD LOCATION: SHEET OF
M103ER.DRU[4,547] 18-JAN-77 14:24
NEXT HIGHER ASSEMBLY: B-DD-M8519-0
FIRST USED ON OPTION/MODEL: KL10

TITLE: INTERNAL MEMORY BUS TRANSLATOR

SIZE	CODE	NUMBER	REV.
D	CS	M8519-0-MT03	A

MR

98



SLOT	VARIABLE
4AF07	K=00
4AF08	K=01

3 OF 6

REVISIONS		
CHK	CHANGE NO.	REV

digital

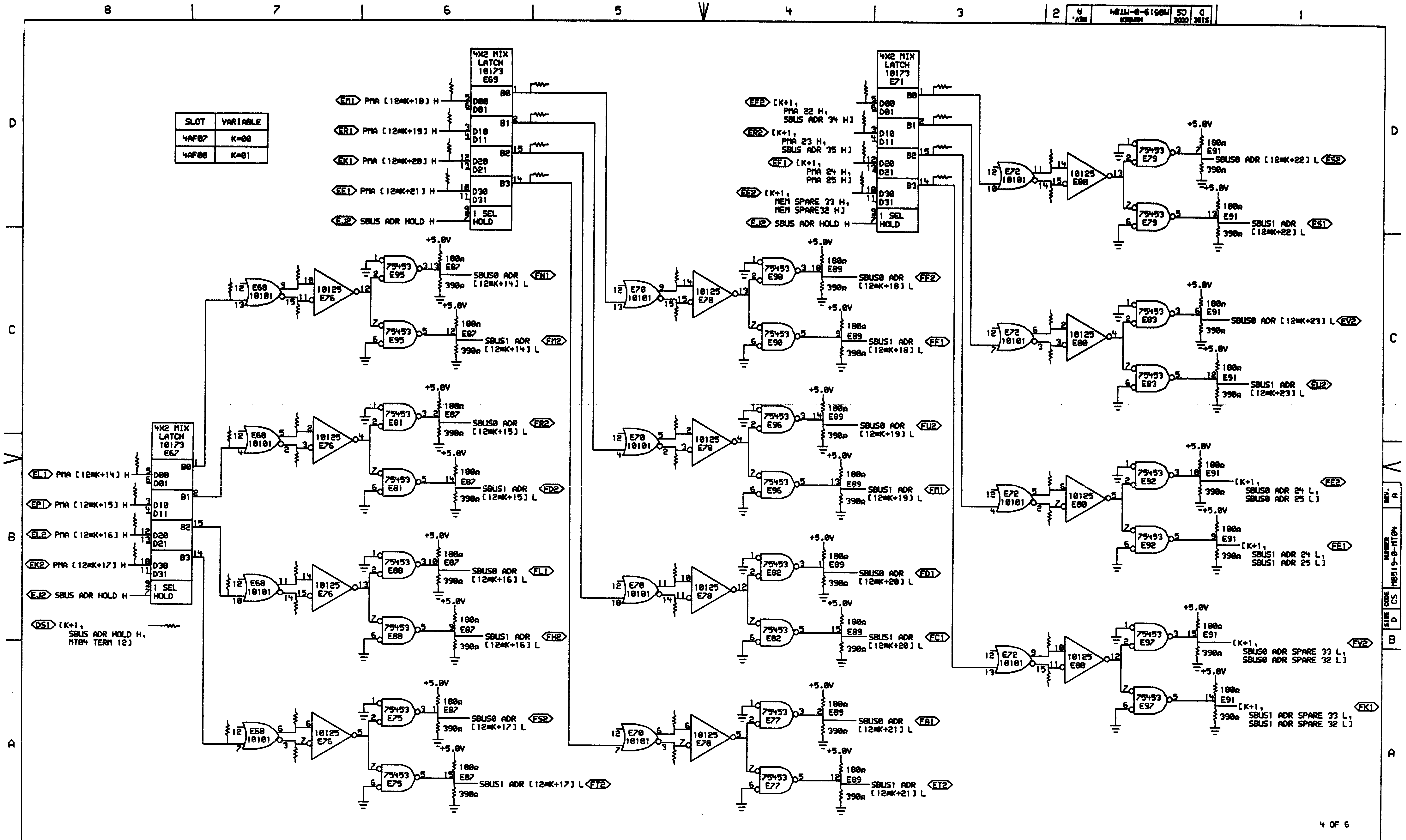
DRN. L. Lavoie DATE 18-JAN-77
CHK D. Lee DATE
ENG. R. Keller DATE 27-JAN-77
BOARD LOCATION: SHEET OF
M103ER.DRU[4,547] 18-JAN-77 14:24
NEXT HIGHER ASSEMBLY: B-DD-M8519-0
FIRST USED ON OPTION/MODEL: KL10

TITLE: INTERNAL MEMORY BUS TRANSLATOR

SIZE	CODE	NUMBER	REV.
D	CS	M8519-0-MT03	A

MR

98



REVISIONS: CHK | CHANGE NO. | REV

digital

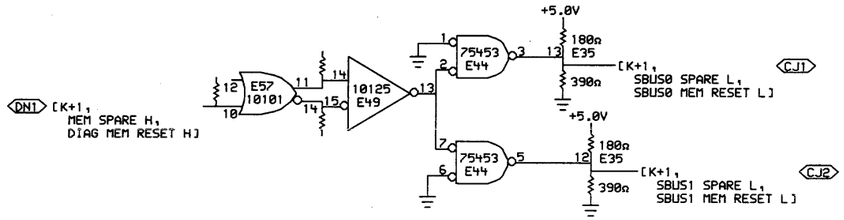
DRN	DATE 18-JAN-77	ENG.	DATE
CHK'D	DATE	BOARD LOCATION:	SHEET 1 OF 1
MT04ER.DRW[4,547] 18-JAN-77 12:41		NEXT HIGHER ASSEMBLY: B-DD-M8519-0	
FIRST USED ON OPTION/MODEL: KL10			

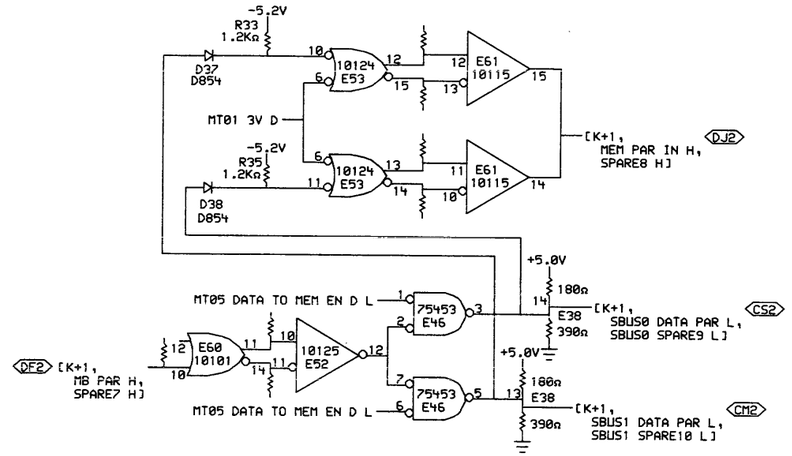
TITLE: INTERNAL MEMORY BUS TRANSLATOR

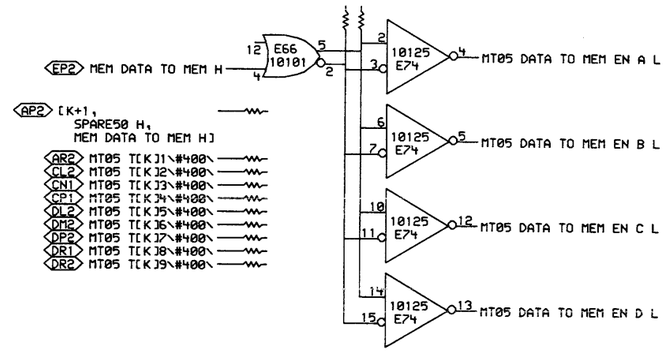
SIZE	CODE	NUMBER	REV.
D	CS	M8519-0-MT04	A

MR

99







SLOT	VARIABLE
4AF07	K=00
4AF08	K=01

5 OF 6

REVISIONS		
CHK	CHANGE NO.	REV

digital

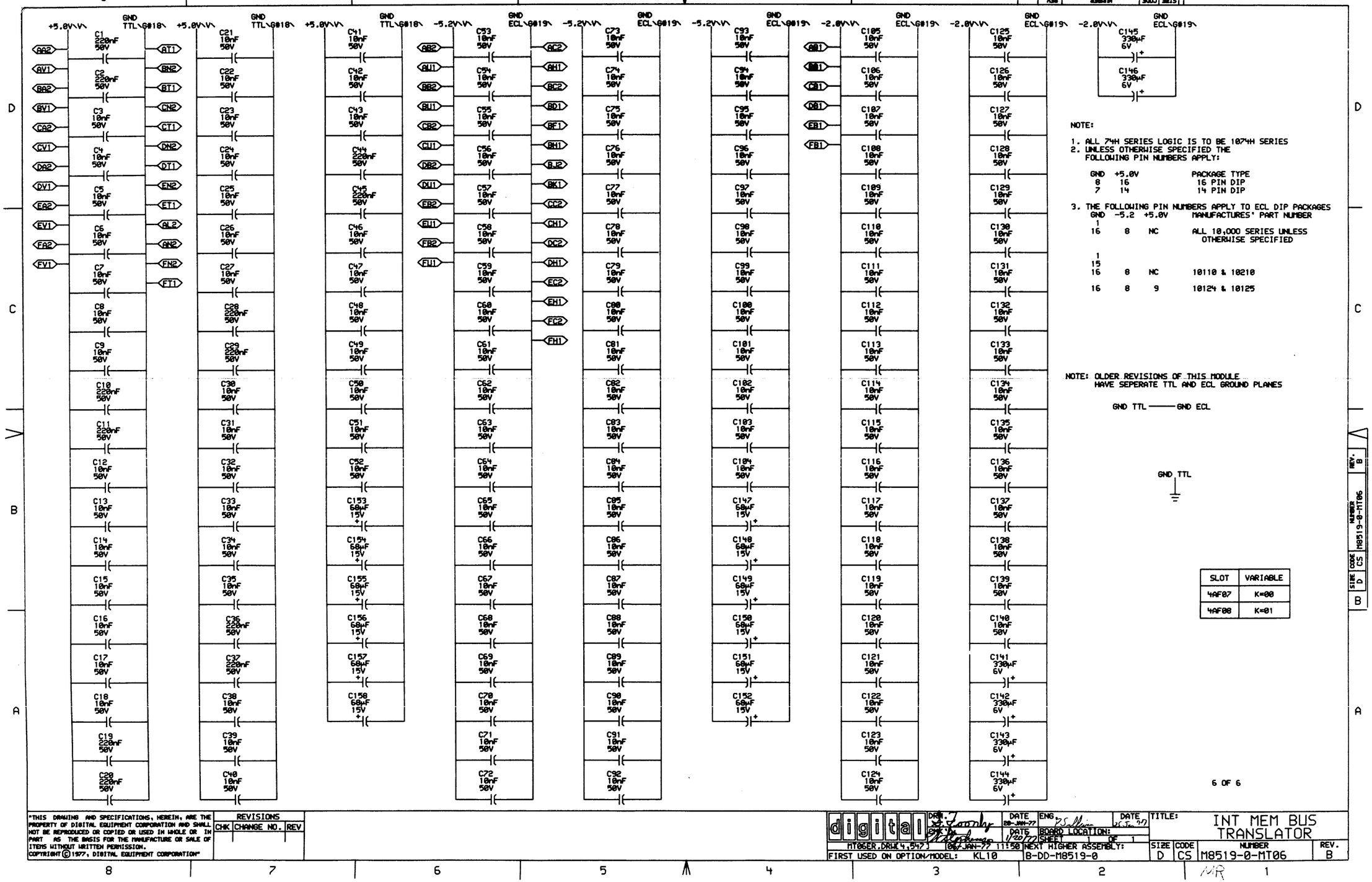
DRN. D. Toomey DATE 18-JAN-77 ENG. P.S. DATE 26 Jan 77
CHK D. Cole DATE 27 JAN 77 BOARD LOCATION:
SHEET 1 OF 1
MT05ER.DRW[4,547] 18-JAN-77 14:26 NEXT HIGHER ASSEMBLY:
FIRST USED ON OPTION/MODEL: KL10 B-DD-M8519-0

TITLE: INTERNAL MEMORY BUS TRANSLATOR

SIZE	CODE	NUMBER	REV.
D	CS	M8519-0-MT05	A

MR 1

SIZE D | CODE CS | NUMBER M8519-0-MT05 | REV. A


+5.0V
GND TTL
GND ECL
-5.2V
-2.0V
C1 220nF 50V
C2 220nF 50V
C3 10nF 50V
C4 10nF 50V
C5 10nF 50V
C6 10nF 50V
C7 10nF 50V
C8 10nF 50V
C9 10nF 50V
C10 220nF 50V
C11 220nF 50V
C12 10nF 50V
C13 10nF 50V
C14 10nF 50V
C15 10nF 50V
C16 10nF 50V
C17 10nF 50V
C18 10nF 50V
C19 220nF 50V
C20 220nF 50V
C21 10nF 50V
C22 10nF 50V
C23 10nF 50V
C24 10nF 50V
C25 10nF 50V
C26 10nF 50V
C27 10nF 50V
C28 220nF 50V
C29 220nF 50V
C30 10nF 50V
C31 10nF 50V
C32 10nF 50V
C33 10nF 50V
C34 10nF 50V
C35 10nF 50V
C36 220nF 50V
C37 220nF 50V
C38 10nF 50V
C39 10nF 50V
C40 10nF 50V
C41 10nF 50V
C42 10nF 50V
C43 10nF 50V
C44 220nF 50V
C45 220nF 50V
C46 10nF 50V
C47 10nF 50V
C48 10nF 50V
C49 10nF 50V
C50 10nF 50V
C51 10nF 50V
C52 10nF 50V
C153 68µF 15V
C154 68µF 15V
C155 68µF 15V
C156 68µF 15V
C157 68µF 15V
C158 68µF 15V
C53 10nF 50V
C54 10nF 50V
C55 10nF 50V
C56 10nF 50V
C57 10nF 50V
C58 10nF 50V
C59 10nF 50V
C60 10nF 50V
C61 10nF 50V
C62 10nF 50V
C63 10nF 50V
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C65 10nF 50V
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C67 10nF 50V
C68 10nF 50V
C69 10nF 50V
C70 10nF 50V
C71 10nF 50V
C72 10nF 50V
C73 10nF 50V
C74 10nF 50V
C75 10nF 50V
C76 10nF 50V
C77 10nF 50V
C78 10nF 50V
C79 10nF 50V
C80 10nF 50V
C81 10nF 50V
C82 10nF 50V
C83 10nF 50V
C84 10nF 50V
C85 10nF 50V
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C97 10nF 50V
C98 10nF 50V
C99 10nF 50V
C100 10nF 50V
C101 10nF 50V
C102 10nF 50V
C103 10nF 50V
C104 10nF 50V
C147 68µF 15V
C148 68µF 15V
C149 68µF 15V
C150 68µF 15V
C151 68µF 15V
C152 68µF 15V
C105 10nF 50V
C106 10nF 50V
C107 10nF 50V
C108 10nF 50V
C109 10nF 50V
C110 10nF 50V
C111 10nF 50V
C112 10nF 50V
C113 10nF 50V
C114 10nF 50V
C115 10nF 50V
C116 10nF 50V
C117 10nF 50V
C118 10nF 50V
C119 10nF 50V
C120 10nF 50V
C121 10nF 50V
C122 10nF 50V
C123 10nF 50V
C124 10nF 50V
C125 10nF 50V
C126 10nF 50V
C127 10nF 50V
C128 10nF 50V
C129 10nF 50V
C130 10nF 50V
C131 10nF 50V
C132 10nF 50V
C133 10nF 50V
C134 10nF 50V
C135 10nF 50V
C136 10nF 50V
C137 10nF 50V
C138 10nF 50V
C139 10nF 50V
C140 10nF 50V
C141 330µF 6V
C142 330µF 6V
C143 330µF 6V
C144 330µF 6V
C145 330µF 6V
C146 330µF 6V
AA2
AV1
BA2
BV1
CA2
CV1
DA2
DV1
EA2
EV1
FA2
FV1
AT1
BN2
BT1
CN2
CT1
DN2
DT1
EN2
ET1
AL2
AN2
FN2
FT1
AB2
AU1
BB2
BU1
CB2
CU1
DB2
DU1
EB2
EU1
FB2
FU1
AC2
AH1
BC2
BD1
BF1
BH1
BJ2
BK1
CC2
CH1
DC2
DH1
EC2
EH1
FC2
FH1
A01
A81
C01
D01
E81
F81
NOTE:
1. ALL 74H SERIES LOGIC IS TO BE 1074H SERIES
2. UNLESS OTHERWISE SPECIFIED THE FOLLOWING PIN NUMBERS APPLY:
GND +5.0V PACKAGE TYPE
8 16 16 PIN DIP
7 14 14 PIN DIP
3. THE FOLLOWING PIN NUMBERS APPLY TO ECL DIP PACKAGES
GND -5.2 +5.0V MANUFACTURES' PART NUMBER
1
16 8 NC ALL 10,000 SERIES UNLESS OTHERWISE SPECIFIED
1
15
16 8 NC 10110 & 10210
16 8 9 10124 & 10125
NOTE: OLDER REVISIONS OF THIS MODULE HAVE SEPERATE TTL AND ECL GROUND PLANES
GND TTL —— GND ECL
GND TTL
SLOT VARIABLE
4AF07 K=00
4AF08 K=01
6 OF 6
8 7 6 5 4 3 2 1
A B C D
REV. B
SIZE D CODE CS NUMBER M8519-0-MT06
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COPYRIGHT © 1977, DIGITAL EQUIPMENT CORPORATION"
REVISIONS
CHK CHANGE NO. REV
digital
DRN. T. Landry DATE 28-JAN-77
ENG. P. Sallee DATE 28 Jan 77
BOARD LOCATION:
SHEET 1 OF 1
M10GER.DRU[4,547] 06-JAN-77 11:50
NEXT HIGHER ASSEMBLY: B-DD-M8519-0
FIRST USED ON OPTION/MODEL: KL10
TITLE: INT MEM BUS TRANSLATOR
SIZE D CODE CS NUMBER M8519-0-MT06 REV. B
MR
101

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R129(1)	MT02	B2	68Ω	%E10(1)
R124(1)	MT03	D7	68Ω	%E10(12)
R126(1)	MT03	D7	68Ω	%E10(13)
R125(1)	MT03	D7	68Ω	%E10(14)
R123(1)	MT03	D7	68Ω	%E10(15)
R128(1)	MT02	A2	68Ω	%E10(2)
R130(1)	MT02	B2	68Ω	%E10(3)
R127(1)	MT02	A2	68Ω	%E10(4)
R114(1)	MT03	B7	68Ω	%E12(1)
R100(1)	MT03	C7	68Ω	%E12(12)
R110(1)	MT03	C7	68Ω	%E12(13)
R109(1)	MT03	C7	68Ω	%E12(14)
R107(1)	MT03	C7	68Ω	%E12(15)
R112(1)	MT03	A7	68Ω	%E12(2)
R113(1)	MT03	B7	68Ω	%E12(3)
R111(1)	MT03	A7	68Ω	%E12(4)
R104(1)	MT02	C4	68Ω	%E13(1)
R100(1)	MT02	B4	68Ω	%E13(12)
R102(1)	MT02	A4	68Ω	%E13(13)
R101(1)	MT02	A4	68Ω	%E13(14)
R99(1)	MT02	B4	68Ω	%E13(15)
R106(1)	MT02	C4	68Ω	%E13(2)
R103(1)	MT02	C4	68Ω	%E13(3)
R105(1)	MT02	C4	68Ω	%E13(4)
R90(1)	MT02	C2	68Ω	%E15(1)
R84(1)	MT02	D2	68Ω	%E15(12)
R86(1)	MT02	D2	68Ω	%E15(13)
R85(1)	MT02	D2	68Ω	%E15(14)
R83(1)	MT02	D2	68Ω	%E15(15)
R88(1)	MT02	C2	68Ω	%E15(2)
R89(1)	MT02	C2	68Ω	%E15(3)
R87(1)	MT02	C2	68Ω	%E15(4)
R80(1)	MT02	D7	68Ω	%E16(1)
R76(1)	MT02	C7	68Ω	%E16(12)
R78(1)	MT02	C7	68Ω	%E16(13)
R77(1)	MT02	C7	68Ω	%E16(14)
R75(1)	MT02	C7	68Ω	%E16(15)
R82(1)	MT02	D7	68Ω	%E16(2)
R79(1)	MT02	D7	68Ω	%E16(3)
R81(1)	MT02	D7	68Ω	%E16(4)

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R66(1)	MT02	D4	68Ω	%E18(1)
R60(1)	MT02	A7	68Ω	%E18(12)
R62(1)	MT02	B7	68Ω	%E18(13)
R61(1)	MT02	B7	68Ω	%E18(14)
R59(1)	MT02	A7	68Ω	%E18(15)
R64(1)	MT02	D4	68Ω	%E18(2)
R65(1)	MT02	D4	68Ω	%E18(3)
R63(1)	MT02	D4	68Ω	%E18(4)
R118(1)	MT03	B7	68Ω	%E2(11)
R117(1)	MT03	B7	68Ω	%E2(14)
R116(1)	MT03	A7	68Ω	%E2(15)
R120(1)	MT02	A2	68Ω	%E2(2)
R121(1)	MT03	C7	68Ω	%E2(3)
R119(1)	MT02	A2	68Ω	%E2(5)
R122(1)	MT03	C7	68Ω	%E2(6)
R115(1)	MT03	A7	68Ω	%E2(9)
R94(1)	MT02	C2	68Ω	%E5(11)
R93(1)	MT02	C2	68Ω	%E5(14)
R92(1)	MT02	B2	68Ω	%E5(15)
R96(1)	MT02	B5	68Ω	%E5(2)
R97(1)	MT02	A5	68Ω	%E5(3)
R95(1)	MT02	B5	68Ω	%E5(5)
R98(1)	MT02	A5	68Ω	%E5(6)
R91(1)	MT02	B2	68Ω	%E5(9)
R185(1)	MT01	D6	68Ω	%E50(1)
R182(1)	MT01	D6	68Ω	%E50(12)
R188(1)	MT01	C6	68Ω	%E50(13)
R189(1)	MT01	C6	68Ω	%E50(14)
R183(1)	MT01	D6	68Ω	%E50(15)
R186(1)	MT01	D6	68Ω	%E50(2)
R184(1)	MT01	D6	68Ω	%E50(3)
R187(1)	MT01	D6	68Ω	%E50(4)
R179(1)	MT03	C2	68Ω	%E51(1)
R175(1)	MT03	C2	68Ω	%E51(12)
R177(1)	MT03	B2	68Ω	%E51(13)
R176(1)	MT03	B2	68Ω	%E51(14)
R174(1)	MT03	C2	68Ω	%E51(15)
R180(1)	MT03	A2	68Ω	%E51(2)
R178(1)	MT03	C2	68Ω	%E51(3)
R181(1)	MT03	A2	68Ω	%E51(4)

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R165(1)	MT01	B7	68Ω	%E53(1)
R159(1)	MT05	D3	68Ω	%E53(12)
R161(1)	MT05	D3	68Ω	%E53(13)
R160(1)	MT05	D3	68Ω	%E53(14)
R158(1)	MT05	D3	68Ω	%E53(15)
R163(1)	MT01	B7	68Ω	%E53(2)
R164(1)	MT01	B7	68Ω	%E53(3)
R162(1)	MT01	B7	68Ω	%E53(4)
R156(1)	MT03	D4	68Ω	%E54(1)
R151(1)	MT03	D4	68Ω	%E54(12)
R153(1)	MT03	C4	68Ω	%E54(13)
R152(1)	MT03	C4	68Ω	%E54(14)
R150(1)	MT03	D4	68Ω	%E54(15)
R154(1)	MT03	C4	68Ω	%E54(2)
R157(1)	MT03	D4	68Ω	%E54(3)
R155(1)	MT03	C4	68Ω	%E54(4)
R138(1)	MT03	D2	68Ω	%E56(1)
R137(1)	MT03	B4	68Ω	%E56(12)
R136(1)	MT03	A4	68Ω	%E56(13)
R135(1)	MT03	A4	68Ω	%E56(14)
R134(1)	MT03	B4	68Ω	%E56(15)
R140(1)	MT03	D2	68Ω	%E56(2)
R139(1)	MT03	D2	68Ω	%E56(3)
R141(1)	MT03	D2	68Ω	%E56(4)
R190(1)	MT05	C7	68Ω	%E57(11)
R191(1)	MT05	C7	68Ω	%E57(14)
R195(1)	MT01	C7	68Ω	%E57(2)
R192(1)	MT01	D3	68Ω	%E57(3)
R194(1)	MT01	C7	68Ω	%E57(5)
R193(1)	MT01	D3	68Ω	%E57(6)
R168(1)	MT05	C3	68Ω	%E60(11)
R169(1)	MT05	C3	68Ω	%E60(14)
R166(1)	MT01	A7	68Ω	%E60(15)
R173(1)	MT03	B2	68Ω	%E60(2)
R170(1)	MT03	A2	68Ω	%E60(3)
R172(1)	MT03	B2	68Ω	%E60(5)
R171(1)	MT03	A2	68Ω	%E60(6)
R167(1)	MT01	A7	68Ω	%E60(9)
R211(1)	MT01	B6	68Ω	%E61(2)
R144(1)	MT03	A5	68Ω	%E63(11)

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R145(1)	MT03	A5	68Ω	%E63(14)
R142(1)	MT03	C2	68Ω	%E63(15)
R148(1)	MT03	C5	68Ω	%E63(2)
R146(1)	MT03	B5	68Ω	%E63(3)
R149(1)	MT03	C5	68Ω	%E63(5)
R147(1)	MT03	B5	68Ω	%E63(6)
R143(1)	MT03	C2	68Ω	%E63(9)
R271(1)	MT01	B3	68Ω	%E65(11)
R270(1)	MT01	B3	68Ω	%E65(14)
R269(1)	MT01	B3	68Ω	%E65(15)
R273(1)	MT01	C3	68Ω	%E65(2)
R274(1)	MT01	C3	68Ω	%E65(3)
R272(1)	MT01	D3	68Ω	%E65(5)
R275(1)	MT01	C3	68Ω	%E65(6)
R268(1)	MT01	B3	68Ω	%E65(9)
R266(1)	MT05	B4	68Ω	%E66(2)
R267(1)	MT05	B4	68Ω	%E66(5)
R257(1)	MT04	C7	68Ω	%E67(1)
R254(1)	MT04	A7	68Ω	%E67(14)
R256(1)	MT04	B7	68Ω	%E67(15)
R255(1)	MT04	B7	68Ω	%E67(2)
R249(1)	MT04	B7	68Ω	%E68(11)
R248(1)	MT04	B7	68Ω	%E68(14)
R247(1)	MT04	C7	68Ω	%E68(15)
R251(1)	MT04	B7	68Ω	%E68(2)
R252(1)	MT04	A7	68Ω	%E68(3)
R250(1)	MT04	C7	68Ω	%E68(5)
R253(1)	MT04	A7	68Ω	%E68(6)
R246(1)	MT04	C7	68Ω	%E68(9)
R238(1)	MT04	D5	68Ω	%E69(1)
R240(1)	MT04	D5	68Ω	%E69(14)
R241(1)	MT04	D5	68Ω	%E69(15)
R239(1)	MT04	D5	68Ω	%E69(2)
R233(1)	MT04	B5	68Ω	%E70(11)
R232(1)	MT04	B5	68Ω	%E70(14)
R231(1)	MT04	C5	68Ω	%E70(15)
R235(1)	MT04	B5	68Ω	%E70(2)
R236(1)	MT04	A5	68Ω	%E70(3)
R234(1)	MT04	C5	68Ω	%E70(5)
R237(1)	MT04	A5	68Ω	%E70(6)

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

digital	DRN. S Smith	DATE 22-DEC-76	ENG. P Sullivan	DATE 05-JAN-77	TITLE: INT MEM BUS TRANS TERMINATORS
	CHK. [illegible]	DATE 1/3/77	BOARD LOCATION: SHEET 1 OF 2		
R85191.DRW[4,121]	22-DEC-76 04:29		NEXT HIGHER ASSEMBLY:		SIZE D | CODE CS | NUMBER M8519-0-RES | REV. A
FIRST USED ON OPTION/MODEL: KL10			B-DD-M8519-0		

MR

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R230(1)	MT04	C5	68Ω	%E70(9)
R224(1)	MT04	D3	68Ω	%E71(1)
R223(1)	MT04	D3	68Ω	%E71(14)
R222(1)	MT04	D3	68Ω	%E71(15)
R225(1)	MT04	D3	68Ω	%E71(2)
R214(1)	MT04	D2	68Ω	%E72(11)
R215(1)	MT04	D2	68Ω	%E72(14)
R216(1)	MT04	A2	68Ω	%E72(15)
R219(1)	MT04	B2	68Ω	%E72(2)
R221(1)	MT04	C2	68Ω	%E72(3)
R218(1)	MT04	B2	68Ω	%E72(5)
R220(1)	MT04	C2	68Ω	%E72(6)
R217(1)	MT04	A2	68Ω	%E72(9)
R69(1)	MT02	A7	68Ω	%E8(11)
R70(1)	MT02	A7	68Ω	%E8(14)
R67(1)	MT02	C5	68Ω	%E8(15)
R73(1)	MT02	C7	68Ω	%E8(2)
R72(1)	MT02	B7	68Ω	%E8(3)
R74(1)	MT02	C7	68Ω	%E8(5)
R71(1)	MT02	B7	68Ω	%E8(6)
R66(1)	MT02	C5	68Ω	%E8(9)
R48(1)	MT02	C8	68Ω	MB [K*18+00] H
R47(1)	MT02	B8	68Ω	MB [K*18+01] H
R46(1)	MT02	A8	68Ω	MB [K*18+02] H
R45(1)	MT02	C5	68Ω	MB [K*18+03] H
R51(1)	MT02	B5	68Ω	MB [K*18+04] H
R52(1)	MT02	A5	68Ω	MB [K*18+05] H
R50(1)	MT02	C3	68Ω	MB [K*18+06] H
R49(1)	MT02	B3	68Ω	MB [K*18+07] H
R56(1)	MT02	A3	68Ω	MB [K*18+08] H
R55(1)	MT03	C8	68Ω	MB [K*18+09] H
R54(1)	MT03	B8	68Ω	MB [K*18+10] H
R53(1)	MT03	A8	68Ω	MB [K*18+11] H
R205(1)	MT03	C5	68Ω	MB [K*18+12] H
R204(1)	MT03	B5	68Ω	MB [K*18+13] H
R203(1)	MT03	A5	68Ω	MB [K*18+14] H
R202(1)	MT03	C3	68Ω	MB [K*18+15] H
R209(1)	MT03	B3	68Ω	MB [K*18+16] H
R208(1)	MT03	A3	68Ω	MB [K*18+17] H
R57(1)	MT05	B4	68Ω	MT05 T[K]1\#400\

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R133(1)	MT05	B4	68Ω	MT05 T[K]2\#400\
R132(1)	MT05	B4	68Ω	MT05 T[K]3\#400\
R131(1)	MT05	B4	68Ω	MT05 T[K]4\#400\
R199(1)	MT05	B4	68Ω	MT05 T[K]5\#400\
R198(1)	MT05	B4	68Ω	MT05 T[K]6\#400\
R197(1)	MT05	B4	68Ω	MT05 T[K]7\#400\
R201(1)	MT05	B4	68Ω	MT05 T[K]8\#400\
R196(1)	MT05	B4	68Ω	MT05 T[K]9\#400\
R260(1)	MT04	B8	68Ω	PMA [12*K+14] H
R261(1)	MT04	B8	68Ω	PMA [12*K+15] H
R258(1)	MT04	B8	68Ω	PMA [12*K+16] H
R259(1)	MT04	B8	68Ω	PMA [12*K+17] H
R244(1)	MT04	D6	68Ω	PMA [12*K+18] H
R245(1)	MT04	D6	68Ω	PMA [12*K+19] H
R242(1)	MT04	D6	68Ω	PMA [12*K+20] H
R243(1)	MT04	D6	68Ω	PMA [12*K+21] H
R213(1)	MT01	C7	68Ω	[K+1, CLK SBUS CL< H, SPARE CLK H]
R206(1)	MT01	A7	68Ω	[K+1, DATA VALID A OUT H, DATA VALID B OUT H]
R207(1)	MT05	C3	68Ω	[K+1, MB PAR H, SPARE7 H]
R265(1)	MT01	B4	68Ω	[K+1, MEM DIAG L, -MEM ADR PAR L]
R264(1)	MT01	C4	68Ω	[K+1, MEM RQ 0 H, MEM RQ 3 H]
R262(1)	MT01	C4	68Ω	[K+1, MEM RQ 1 H, MEM RD RQ H]
R263(1)	MT01	B4	68Ω	[K+1, MEM RQ 2 H, MEM WR RQ H]
R226(1)	MT04	D4	68Ω	[K+1, MEM SPARE 33 H, MEM SPARE32 H]
R210(1)	MT05	C7	68Ω	[K+1, MEM SPARE H, DIAG MEM RESET H]
R212(1)	MT01	D4	68Ω	[K+1, MEM START A H, MEM START B H]
R228(1)	MT04	D4	68Ω	[K+1, PMA 22 H, SBUS ADR 34 H]
R229(1)	MT04	D4	68Ω	[K+1, PMA 23 H, SBUS ADR 35 H]
R22 (1)	MT04	D4	68Ω	[K+1, PMA 24 H, PMA 25 H]
R200(1)	MT04	B8	68Ω	[K+1, SBUS ADR HOLD H, MT04 TERM 12]
R58(1)	MT05	B4	68Ω	[K+1, SPARE50 H, MEM DATA TO MEM H]

NOTE:

1. ALL TERMINATOR 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	CHA GE NO.	REV

digital

DRN. E Smith DATE 22-DEC-76 ENG. [illegible] DATE 27 Jan 77
CHK. [illegible] DATE 1/27/77 BOARD LOCATION:
SHEET 2 OF 2
R85192.DRW[4,121] 27-DEC-76 04:29 NEXT HIGHER ASSEM LY:
FIRST USED ON OPTION/MODEL: KL10 B-DD-M8519-0

TITLE: INT MEM BUS TRANS TERMINATORS

SIZE	CODE	NUMBER	REV.
D	CS	M8519-0-RES	A

SIZE D | CODE CS | NUMBER M8519-0-RES | REV. A

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