M8542-Ø

DRAWING NO.	NO. OF SHTS	PART NO.	DESCRIPTION	REVISIONS
			MODULE REVISION	A
D-UA-M8542-Ø-Ø	5		VIRTUAL MEMORY ADDRESS	-
D-CS-M8542-Ø-VMA1	1		VMA BOARD ADDER & CONTROL	-
D-CS-M8542-Ø-VMA2	1		VMA BOARD VMA REGISTER	-
D-CS-M8542-Ø-VMA3	1		VMA BOARD PC & ADR BRK REG.	-
D-CS-M8542-Ø-VMA4	1		VMA BOARD VMA HELD REG.	-
D-CS-M8542-Ø-VMA5	1		VMA BOARD DIAGNOSTICS	-
D-CS-M8542-Ø-VMA6	1		VMA BOARD POWER,GND,CAPS	-
D-CS-M8542-Ø-RES	2		VMA BOARD TERMINATORS	-
D-AH-M8542-Ø-5	4		VIRTUAL MEMORY ADDRESS	-
		5011888	ETCHED CIRCUIT BOARD	B
M8542-Ø-L	-		P/C DESIGN DATA BASE	REF
M8542-Ø-PL	-		INSERTION P/L DATA BASE	REF
POO-M8542-ØØ	-		PROCESS SHEETS	REF

NOTES:

REVISIONS: DATE | CHG NO. | REV.

digital

USED ON OPTION/MODEL		
KL1Ø	DRN. R W Caunter	[illegible]
	CHK'D [illegible]	29 SEP 76
	ENG. [illegible]	15 Oct 76
	PROD. Bill [illegible]	15 OCT 76

TITLE: VIRTUAL MEMORY ADDRESS

SIZE	CODE	NUMBER	REV.
B	DD	M8542-Ø	

SHEET 1 OF 1

DRB 126 EN-01149-16-N176(325)

MR 354

18(QTY 12)

17

SPARE

SPARE

Ø-3A

Ø-2

Ø-3B

Ø-3B

Ø-3A

NOTES:

CHK	CHANGE NO	REV

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

SIGNATURES		DATE
DRN. RW Gourley		7MAY76
CHK'D.		7MAY76
ENG.		15OCT76
PROJ.ENG.		15OCT76
PROD.		15OCT76

digital

TITLE VIRTUAL MEMORY ADDRESS

SCALE 2/1
SHT. 2 OF 5

SIZE	CODE	NUMBER	REV
D	UA	M8542-0-0	

NEXT HIGHER ASSY. B-DD-M8542-0

MR 1 MS# L30203

355

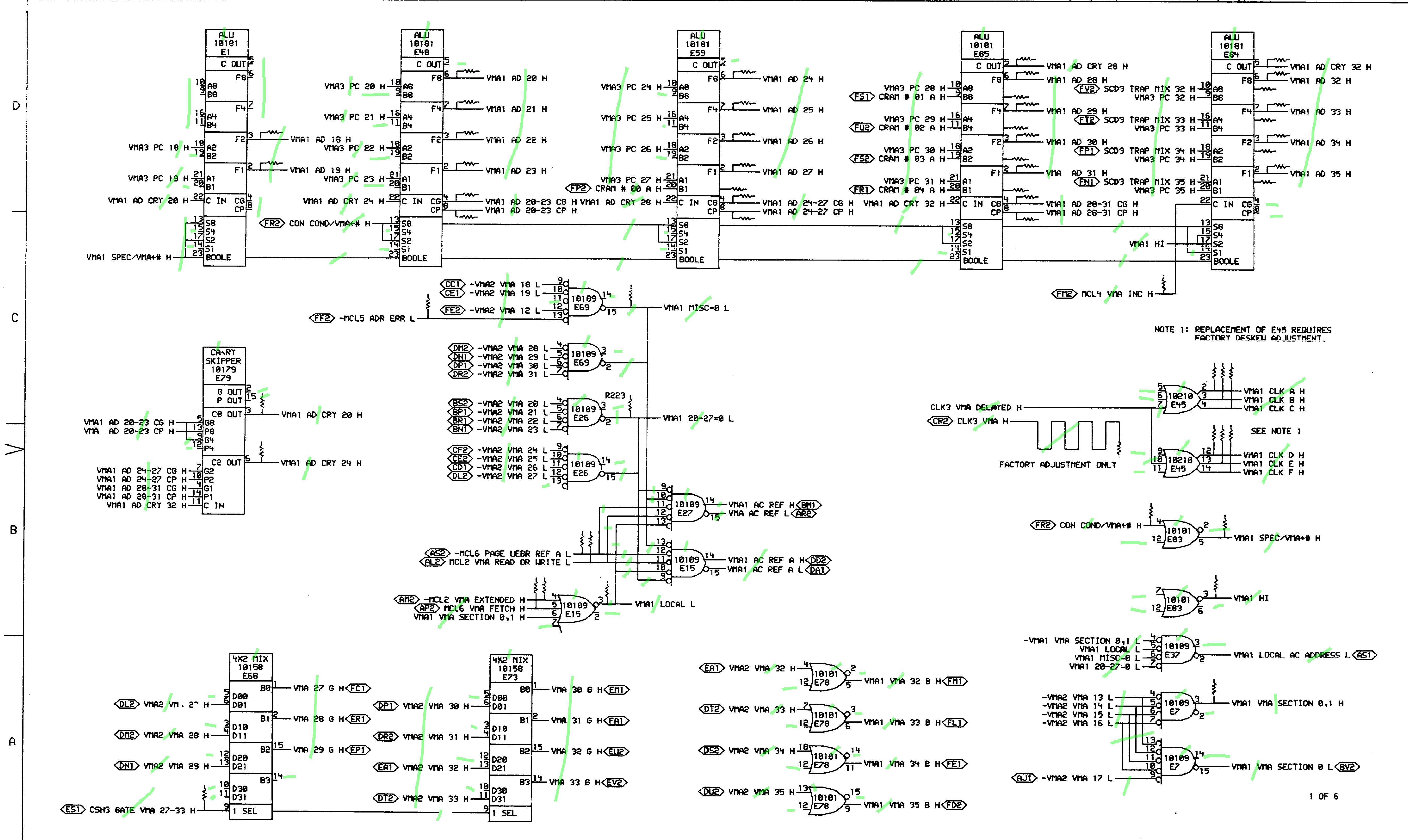
~~Diag~~ FN 16x ⇒ M8537 EBUS Reg
E<0:8>, E<34:35> always

E<34:35> := PMA<34:35>

M8578 PMA if EBOX REQ GRANT (6) PMA<35> = VMA2 VMA35
if EBOX BRA GRANT (0) PMA<35> = PMA4 BRA35

PMA BRA 35 := SBUS ADR<35>

M8542 VMA A0<35> output of 10181 ALU



REVISIONS		
CHK	CHANGE NO.	REV

digital

DATE 24-SEP-76 | BOARD LOCATION: 4AF38 | SHEET 1 OF 1

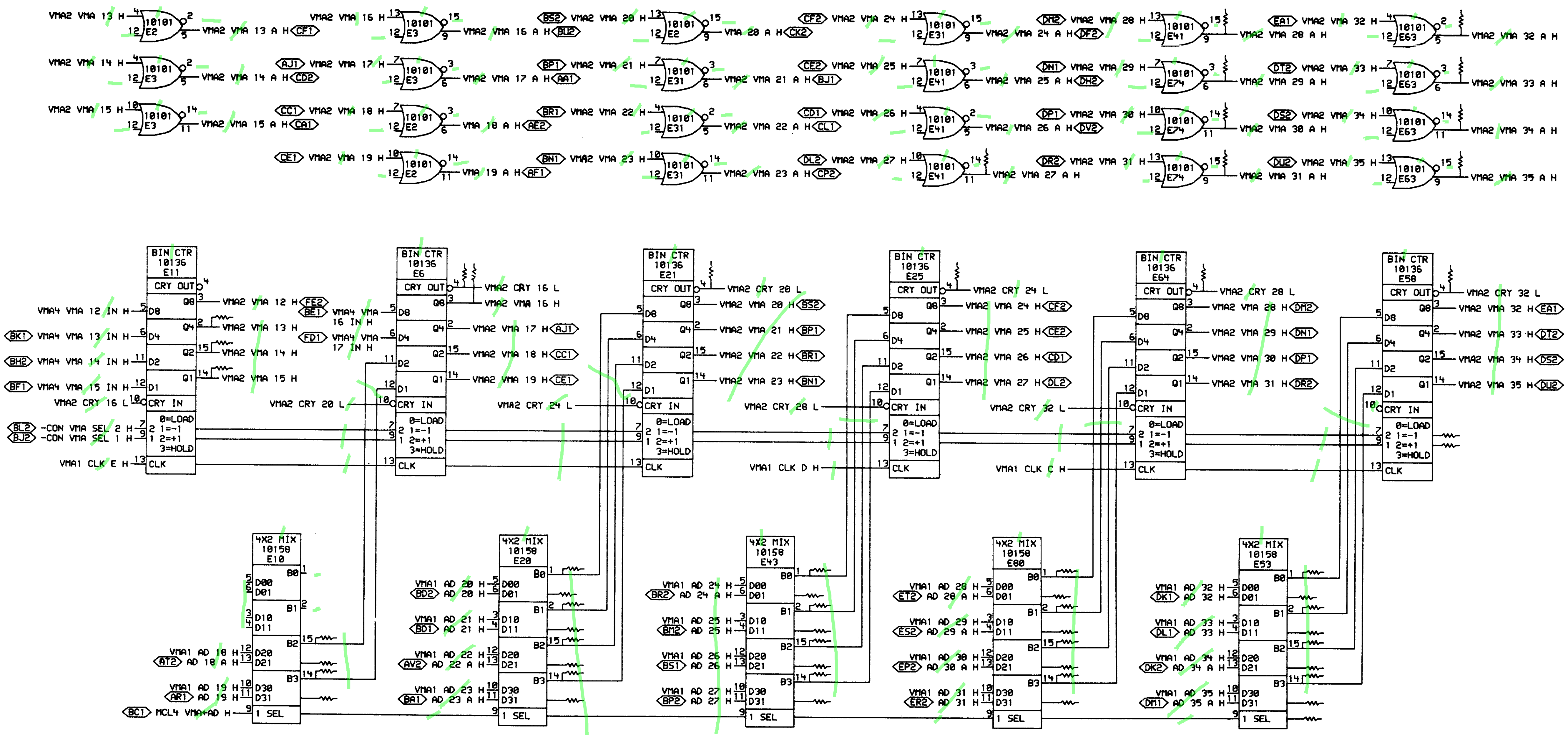
VMA1EB.DRW 4,161 | 23-SEP-76 17:46 | NEXT HIGHER ASSEMBLY: B-DD-M8542-0

FIRST USED ON OPTION/MODEL: KL10

TITLE: VMA BOARD ADDER & CONTROL

SIZE D | CODE CS | NUMBER M8542-0-VMA1 | REV.

356



2 OF 6

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REVISIONS		
CHK	CHANGE NO.	REV

digital

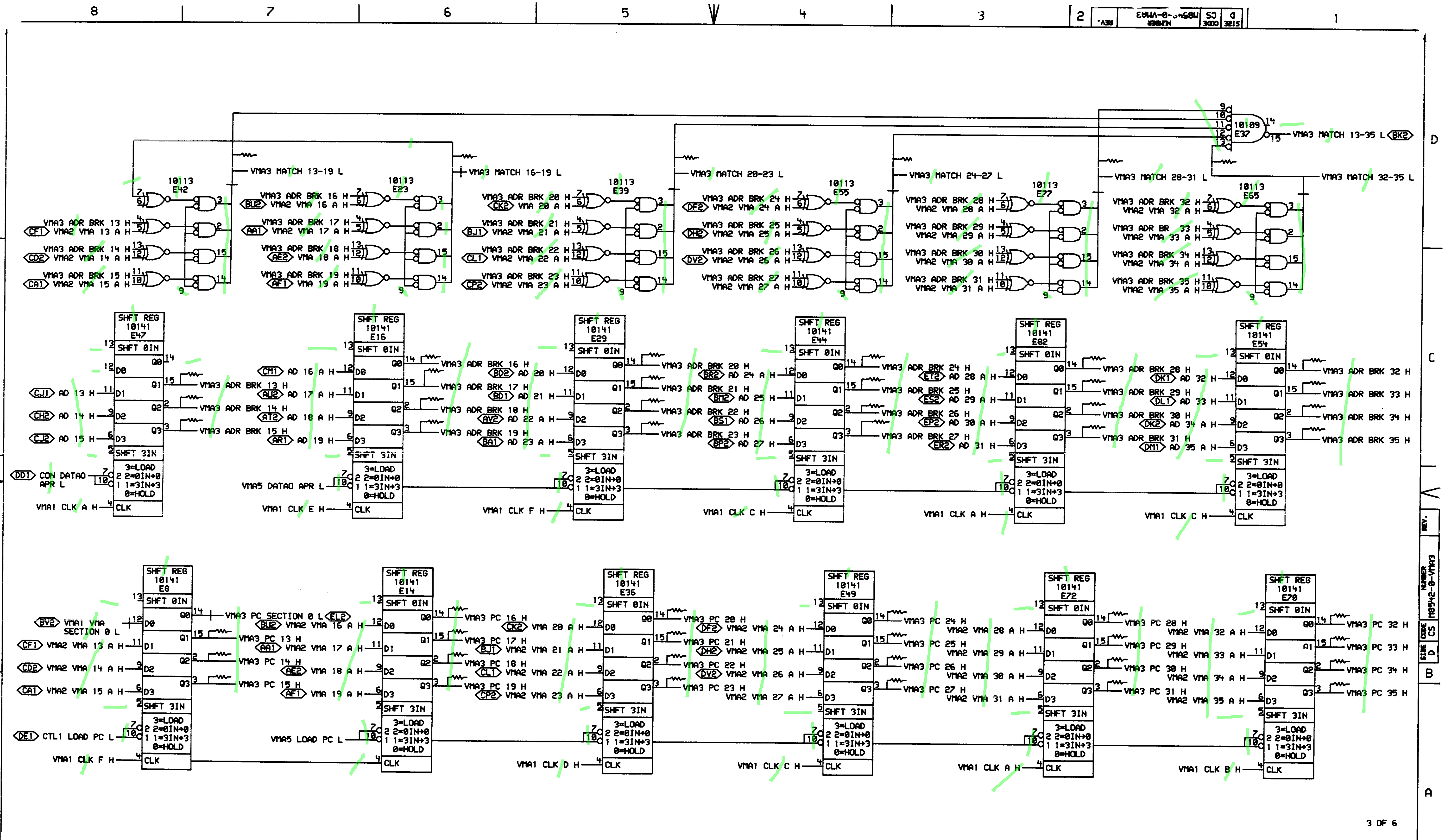
DRN: S. Toonly — DATE 20-SEP-76
CHK'D: Tom Egan — DATE 23Sep76
ENG: Tom Egan — DATE 23Sept76
BOARD LOCATION: 4AF38
SHEET 1 OF 1

VMA2EB.RLS[4,161] 19-SEP-76 17:29
NEXT HIGHER ASSEMBLY: B-DD-M8542-0
FIRST USED ON OPTION/MODEL: KL10

TITLE: VMA BOARD VMA REGISTER

SIZE	CODE	NUMBER	REV.
D	CS	M8542-0-VMA2	

357



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REVISIONS		
CHK	CHANGE NO.	REV

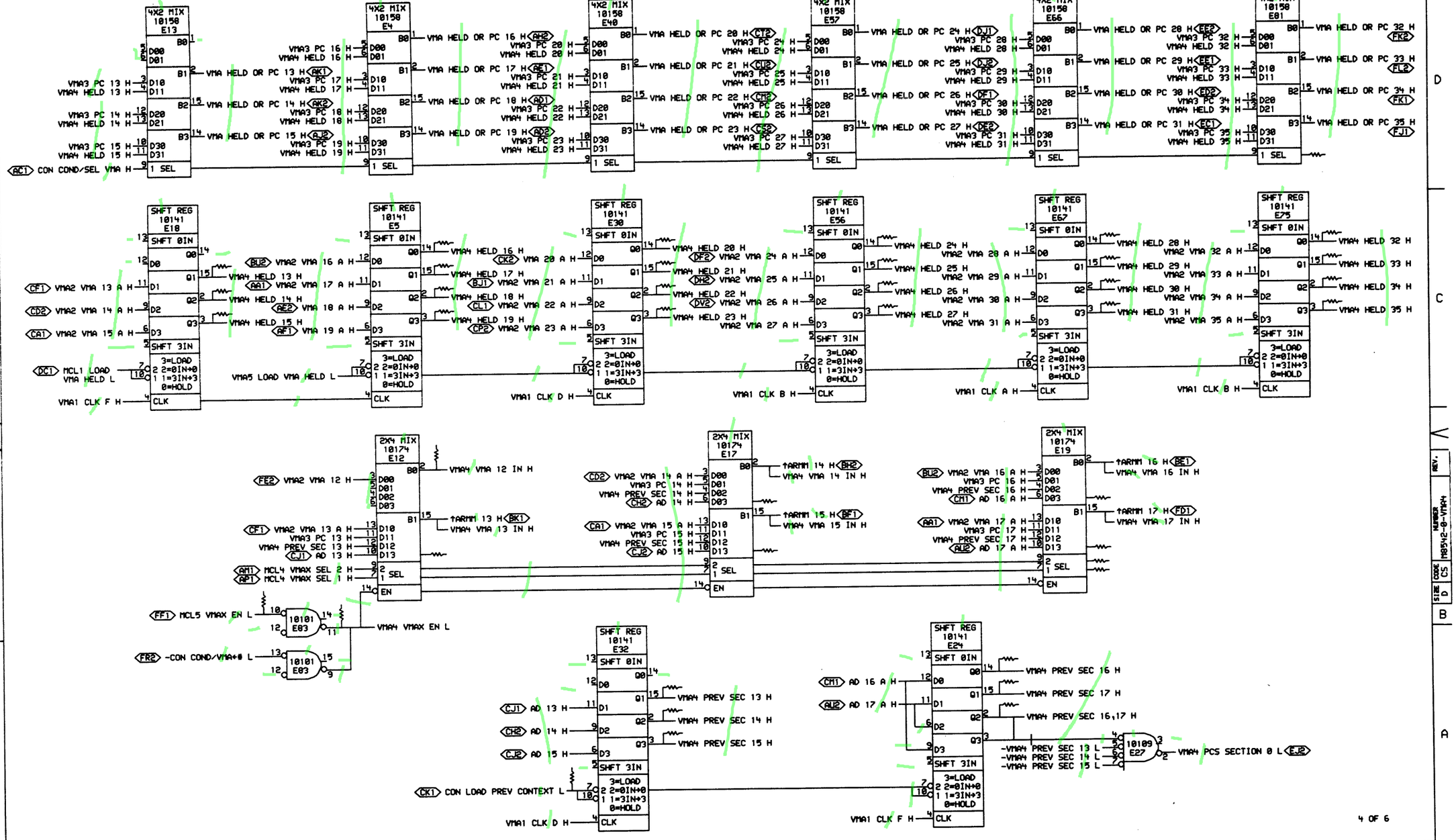
digital

VMA3E8.RLS(4,161)	19-SEP-76 17:30
FIRST USED ON OPTION/MODEL:	KL10
BOARD LOCATION:	4AF38
SHEET	1 OF 1
NEXT HIGHER ASSEMBLY:	B-DD-M8542-0

TITLE: VMA BOARD PC & ADR BRK REG

SIZE	CODE	NUMBER	REV.
D	CS	M8542-0-VMA3	

358



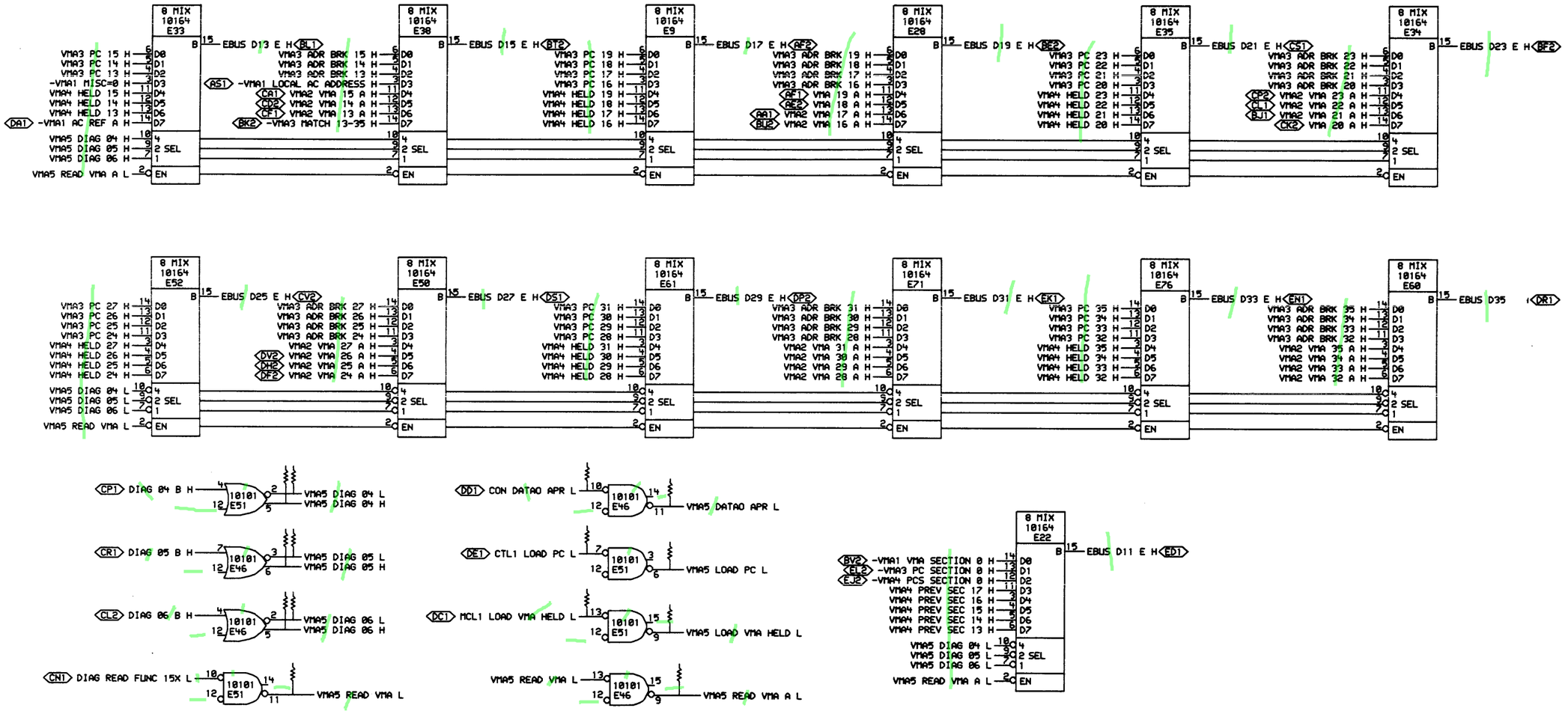
REVISIONS		
CHK	CHANGE NO.	REV

DRN: J. Toomey	DATE 08-SEP-76	ENG: Tom Eggers	DATE 23-Sep-76
CHK'D: Tom Eggers	DATE 23-Sep-76	BOARD LOCATION: 4F38	
VMA4EB.RLS(4.161) 19-SEP-76 10:37		SHEET 1 OF 1	
FIRST USED ON OPTION/MODEL: KL10		NEXT HIGHER ASSEMBLY: B-DD-M8542-0	

TITLE: VMA BOARD
VMA HELD REG

SIZE	CODE	NUMBER	REV.
D	CS	M8542-0-VMA4	

359



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REVISIONS		
CHK	CHANGE NO.	REV

digital

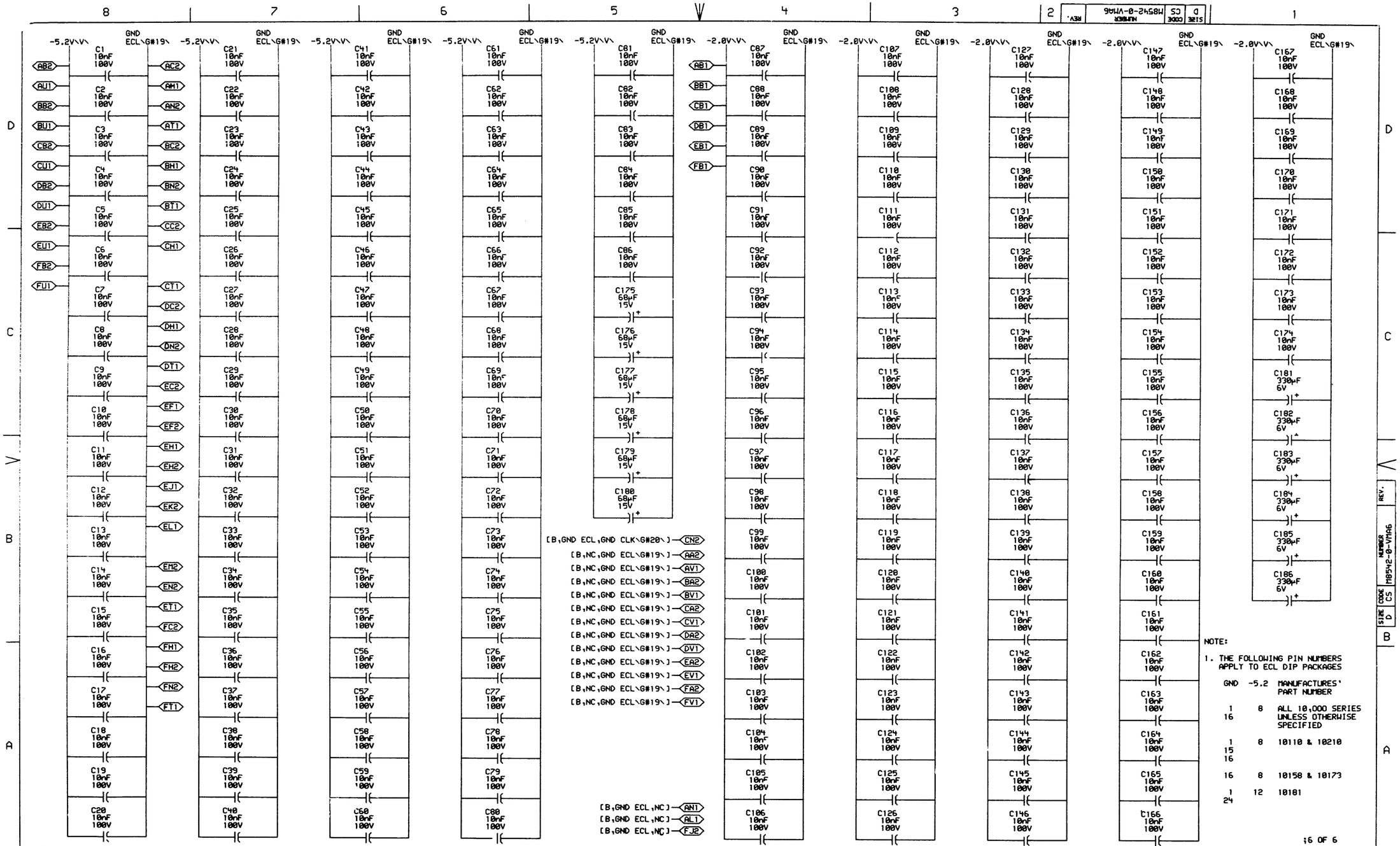
DRN. D. Toomey 28-SEP-76
CHK'D Tom Eggen 29-SEP-76
ENG Tom Eggen 23-SEP-76
BOARD LOCATION: 4AF38
SHEET 1 OF 1

VMA5EB.RLS[4,161] 19-SEP-76 17:32
FIRST USED ON OPTION/MODEL: KL10
NEXT HIGHER ASSEMBLY: B-DD-M8542-0

TITLE: VMA BOARD DIAGNOSTICS

SIZE	CODE	NUMBER	REV.
D	CS	M8542-0-VMA5	

360



REVISIONS		
CHK	CHANGE NO.	REV

DRN: Zaorsky	DATE 24-SEP-76	ENG: Tom Eggert	DATE 24-SEP-76
CHKD: Tom Eggert	DATE 24-SEP-76	BOARD LOCATION: 4AF38	
VMA6EB.DRW[4,161] 23-SEP-76 17:54		SHEET 1 OF 1	
FIRST USED ON OPTION/MODEL: KL10		NEXT HIGHER ASSEMBLY: B-DD-M8542-0	

TITLE: VMA BOARD POWER, GND, CAPS

SIZE	CODE	NUMBER	REV.
D	CS	M8542-0-VMA6	

361

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R134(1)	VMA2	A7	68Ω	%E10(14)
R133(1)	VMA2	A7	68Ω	%E10(15)
R144(1)	VMA2	B6	68Ω	%E20(1)
R139(1)	VMA2	A6	68Ω	%E20(14)
R140(1)	VMA2	A6	68Ω	%E20(15)
R143(1)	VMA2	B6	68Ω	%E20(2)
R188(1)	VMA2	B4	68Ω	%E43(1)
R189(1)	VMA2	A4	68Ω	%E43(14)
R190(1)	VMA2	A4	68Ω	%E43(15)
R187(1)	VMA2	B4	68Ω	%E43(2)
R209(1)	VMA2	B2	68Ω	%E53(1)
R213(1)	VMA2	A2	68Ω	%E53(14)
R210(1)	VMA2	A2	68Ω	%E53(15)
R214(1)	VMA2	B2	68Ω	%E53(2)
R158(1)	VMA2	B3	68Ω	%E80(1)
R116(1)	VMA2	A3	68Ω	%E80(14)
R117(1)	VMA2	A3	68Ω	%E80(15)
R160(1)	VMA2	B3	68Ω	%E80(2)
R17(1)	VMA4	B6	68Ω	AD 13 H
R18(1)	VMA4	B4	68Ω	AD 14 H
R24(1)	VMA4	B4	68Ω	AD 15 H
R5(1)	VMA4	B2	68Ω	AD 16 A H
R9(1)	VMA4	B2	68Ω	AD 17 A H
R138(1)	VMA2	A7	68Ω	AD 18 A H
R141(1)	VMA2	A7	68Ω	AD 19 H
R8(1)	VMA2	B6	68Ω	AD 20 H
R10(1)	VMA2	B6	68Ω	AD 21 H
R11(1)	VMA2	A6	68Ω	AD 22 A H
R12(1)	VMA2	A6	68Ω	AD 23 A H
R102(1)	VMA2	B4	68Ω	AD 24 A H
R148(1)	VMA2	B4	68Ω	AD 25 H
R147(1)	VMA2	A4	68Ω	AD 26 H
R104(1)	VMA2	A4	68Ω	AD 27 H
R33(1)	VMA2	B3	68Ω	AD 28 A H
R34(1)	VMA2	B3	68Ω	AD 29 A H
R35(1)	VMA2	A3	68Ω	AD 30 A H
R38(1)	VMA2	A3	68Ω	AD 31 H
R151(1)	VMA2	B2	68Ω	AD 32 H
R152(1)	VMA2	B2	68Ω	AD 33 H
R154(1)	VMA2	A2	68Ω	AD 34 A 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

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R156(1)	VMA2	A2	68Ω	AD 35 A H
R103(1)	VMA1	B2	68Ω	CLK3 VMA H
R197(1)	VMA4	D1	68Ω	CON COND/SEL VMA H
R201(1)	VMA1	B2	68Ω	CON COND/VMA+# H
R23(1)	VMA5	B5	68Ω	-CON DATAO APR H
R7(1)	VMA4	A5	68Ω	-CON LOAD PREV CONTEXT H
R211(1)	VMA2	B1	68Ω	-CON VMA SEL 1 H
R159(1)	VMA2	B1	68Ω	-CON VMA SEL 2 H
R155(1)	VMA1	D4	68Ω	CRAM # 00 A H
R131(1)	VMA1	D3	68Ω	CRAM # 01 A H
R130(1)	VMA1	D3	68Ω	CRAM # 02 A H
R79(1)	VMA1	D3	68Ω	CRAM # 03 A H
R129(1)	VMA1	D3	68Ω	CRAM # 04 A H
R215(1)	VMA1	A7	68Ω	CSH3 GATE VMA 27-33 H
R45(1)	VMA5	B5	68Ω	-CTL1 LOAD PC H
R46(1)	VMA5	B5	68Ω	-MCL1 LOAD VMA HELD H
R181(1)	VMA1	B5	68Ω	-MCL2 VMA EXTENDED H
R89(1)	VMA1	B5	68Ω	-MCL2 VMA READ OR WRITE H
R163(1)	VMA1	C2	68Ω	MCL4 VMA INC H
R6(1)	VMA4	B2	68Ω	MCL4 VMAX SEL 1 H
R4(1)	VMA4	B2	68Ω	MCL4 VMAX SEL 2 H
R121(1)	VMA2	A2	68Ω	MCL4 VMA+AD H
R161(1)	VMA1	C6	68Ω	MCL5 ADR ERR H
R221(1)	VMA4	B7	68Ω	-MCL5 VMAX EN H
R93(1)	VMA1	B5	68Ω	MCL6 PAGE UEBR REF A H
R180(1)	VMA1	B6	68Ω	MCL6 VMA FETCH H
R170(1)	VMA1	D1	68Ω	SCD3 TRAP MIX 32 H
R171(1)	VMA1	D1	68Ω	SCD3 TRAP MIX 33 H
R168(1)	VMA1	D1	68Ω	SCD3 TRAP MIX 34 H
R164(1)	VMA1	D1	68Ω	SCD3 TRAP MIX 35 H
R223(1)	VMA1	C5	68Ω	-VMA1 20-27=0 H
R176(1)	VMA1	D7	68Ω	VMA1 AD 18 H
R177(1)	VMA1	D7	68Ω	VMA1 AD 19 H
R185(1)	VMA1	D6	68Ω	VMA1 AD 20 H
R217(1)	VMA1	D6	68Ω	VMA1 AD 20-23 CG H
R216(1)	VMA1	C6	68Ω	VMA1 AD 20-23 CP H
R184(1)	VMA1	D6	68Ω	VMA1 AD 21 H
R182(1)	VMA1	D6	68Ω	VMA1 AD 22 H
R183(1)	VMA1	D6	68Ω	VMA1 AD 23 H
R203(1)	VMA1	D4	68Ω	VMA1 AD 24 H

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R166(1)	VMA1	D4	68Ω	VMA1 AD 24-27 CG H
R167(1)	VMA1	C4	68Ω	VMA1 AD 24-27 CP H
R150(1)	VMA1	D4	68Ω	VMA1 AD 25 H
R149(1)	VMA1	D4	68Ω	VMA1 AD 26 H
R146(1)	VMA1	D4	68Ω	VMA1 AD 27 H
R127(1)	VMA1	D3	68Ω	VMA1 AD 28 H
R165(1)	VMA1	D3	68Ω	VMA1 AD 28-31 CG H
R162(1)	VMA1	C3	68Ω	VMA1 AD 28-31 CP H
R122(1)	VMA1	D3	68Ω	VMA1 AD 29 H
R126(1)	VMA1	D3	68Ω	VMA1 AD 30 H
R125(1)	VMA1	D3	68Ω	VMA1 AD 31 H
R205(1)	VMA1	D1	68Ω	VMA1 AD 32 H
R208(1)	VMA1	D1	68Ω	VMA1 AD 33 H
R204(1)	VMA1	D1	68Ω	VMA1 AD 34 H
R207(1)	VMA1	D1	68Ω	VMA1 AD 35 H
R173(1)	VMA1	C7	68Ω	VMA1 AD CRY 20 H
R153(1)	VMA1	B7	68Ω	VMA1 AD CRY 24 H
R109(1)	VMA1	D3	68Ω	VMA1 AD CRY 28 H
R124(1)	VMA1	D1	68Ω	VMA1 AD CRY 32 H
R37(1)	VMA1	C2	68Ω	VMA1 CLK A H
R120(1)	VMA1	C2	68Ω	VMA1 CLK B H
R157(1)	VMA1	C2	68Ω	VMA1 CLK C H
R57(1)	VMA1	B2	68Ω	VMA1 CLK D H
R132(1)	VMA1	B2	68Ω	VMA1 CLK E H
R13(1)	VMA1	B2	68Ω	VMA1 CLK F H
R219(1)	VMA1	B2	68Ω	VMA1 HI
R100(1)	VMA1	B5	68Ω	-VMA1 LOCAL H
R179(1)	VMA1	C5	68Ω	-VMA1 MISC=0 H
R174(1)	VMA1	B2	68Ω	VMA1 SPEC/VMA+# H
R95(1)	VMA1	A2	68Ω	VMA1 VMA SECTION 0,1 H
R136(1)	VMA2	C6	68Ω	-VMA2 CRY 16 H
R135(1)	VMA2	C5	68Ω	-VMA2 CRY 20 H
R142(1)	VMA2	C4	68Ω	-VMA2 CRY 24 H
R186(1)	VMA2	C2	68Ω	-VMA2 CRY 28 H
R212(1)	VMA2	C1	68Ω	-VMA2 CRY 32 H
R84(1)	VMA2	C7	68Ω	VMA2 VMA 13 H
R81(1)	VMA2	C7	68Ω	VMA2 VMA 14 H
R82(1)	VMA2	C7	68Ω	VMA2 VMA 15 H
R80(1)	VMA2	C6	68Ω	VMA2 VMA 16 H
R63(1)	VMA2	C3	68Ω	VMA2 VMA 27 A H

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R31(1)	VMA2	D2	68Ω	VMA2 VMA 28 A H
R32(1)	VMA2	D2	68Ω	VMA2 VMA 29 A H
R30(1)	VMA2	D2	68Ω	VMA2 VMA 30 A H
R29(1)	VMA2	C2	68Ω	VMA2 VMA 31 A H
R112(1)	VMA2	D1	68Ω	VMA2 VMA 32 A H
R111(1)	VMA2	D1	68Ω	VMA2 VMA 33 A H
R119(1)	VMA2	D1	68Ω	VMA2 VMA 34 A H
R118(1)	VMA2	C1	68Ω	VMA2 VMA 35 A H
R58(1)	VMA3	C7	68Ω	VMA3 ADR BRK 13 H
R60(1)	VMA3	C7	68Ω	VMA3 ADR BRK 14 H
R59(1)	VMA3	C7	68Ω	VMA3 ADR BRK 15 H
R48(1)	VMA3	C6	68Ω	VMA3 ADR BRK 16 H
R50(1)	VMA3	C6	68Ω	VMA3 ADR BRK 17 H
R47(1)	VMA3	C6	68Ω	VMA3 ADR BRK 18 H
R49(1)	VMA3	C6	68Ω	VMA3 ADR BRK 19 H
R19(1)	VMA3	C5	68Ω	VMA3 ADR BRK 20 H
R15(1)	VMA3	C5	68Ω	VMA3 ADR BRK 21 H
R14(1)	VMA3	C5	68Ω	VMA3 ADR BRK 22 H
R16(1)	VMA3	C5	68Ω	VMA3 ADR BRK 23 H
R108(1)	VMA3	C4	68Ω	VMA3 ADR BRK 24 H
R105(1)	VMA3	C4	68Ω	VMA3 ADR BRK 25 H
R106(1)	VMA3	C4	68Ω	VMA3 ADR BRK 26 H
R107(1)	VMA3	C4	68Ω	VMA3 ADR BRK 27 H
R71(1)	VMA3	C2	68Ω	VMA3 ADR BRK 28 H
R70(1)	VMA3	C2	68Ω	VMA3 ADR BRK 29 H
R68(1)	VMA3	C2	68Ω	VMA3 ADR BRK 30 H
R69(1)	VMA3	C2	68Ω	VMA3 ADR BRK 31 H
R115(1)	VMA3	C1	68Ω	VMA3 ADR BRK 32 H
R114(1)	VMA3	C1	68Ω	VMA3 ADR BRK 33 H
R110(1)	VMA3	C1	68Ω	VMA3 ADR BRK 34 H
R113(1)	VMA3	C1	68Ω	VMA3 ADR BRK 35 H
R98(1)	VMA3	D7	68Ω	-VMA3 MATCH 13-19 H
R20(1)	VMA3	D6	68Ω	-VMA3 MATCH 16-19 H
R96(1)	VMA3	D5	68Ω	-VMA3 MATCH 20-23 H
R101(1)	VMA3	D3	68Ω	-VMA3 MATCH 24-27 H
R97(1)	VMA3	D2	68Ω	-VMA3 MATCH 28-31 H
R99(1)	VMA3	D2	68Ω	-VMA3 MATCH 32-35 H
R54(1)	VMA3	B7	68Ω	VMA3 PC 13 H
R55(1)	VMA3	B7	68Ω	VMA3 PC 14 H
R56(1)	VMA3	B7	68Ω	VMA3 PC 15 H

REVISIONS		
CHK	CHANGE NO.	REV

digital	DRN. C Smith	DATE 19-SEP-76	ENG Tom Eggen DATE 23-Sept-76
	CHK'D Tom Eggen	DATE 23-Sept-76	BOARD LOCATION:
M8542I.RLS[4,161]	19-SEP-76 18:59		SHEET 1 OF 2
FIRST USED ON OPTION/MODEL: KL10		NEXT HIGHER ASSEMBLY: B-DD-M8542-0	

TITLE: VMA BOARD TERMINATORS

SIZE	CODE	NUMBER	REV.
D	CS	M8542-0-RES	

362

MR

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R42(1)	VMA3	B6	68Ω	VMA3 PC 16 H
R41(1)	VMA3	B6	68Ω	VMA3 PC 17 H
R175(1)	VMA3	B6	68Ω	VMA3 PC 18 H
R172(1)	VMA3	B6	68Ω	VMA3 PC 19 H
R206(1)	VMA3	B5	68Ω	VMA3 PC 20 H
R198(1)	VMA3	B5	68Ω	VMA3 PC 21 H
R200(1)	VMA3	B5	68Ω	VMA3 PC 22 H
R202(1)	VMA3	B5	68Ω	VMA3 PC 23 H
R27(1)	VMA3	B3	68Ω	VMA3 PC 24 H
R21(1)	VMA3	B3	68Ω	VMA3 PC 25 H
R22(1)	VMA3	B3	68Ω	VMA3 PC 26 H
R25(1)	VMA3	B3	68Ω	VMA3 PC 27 H
R128(1)	VMA3	B2	68Ω	VMA3 PC 28 H
R123(1)	VMA3	B2	68Ω	VMA3 PC 29 H
R75(1)	VMA3	B2	68Ω	VMA3 PC 30 H
R78(1)	VMA3	B2	68Ω	VMA3 PC 31 H
R169(1)	VMA3	B1	68Ω	VMA3 PC 32 H
R222(1)	VMA3	B1	68Ω	VMA3 PC 33 H
R218(1)	VMA3	B1	68Ω	VMA3 PC 34 H
R220(1)	VMA3	B1	68Ω	VMA3 PC 35 H
R52(1)	VMA4	C7	68Ω	VMA4 HELD 13 H
R51(1)	VMA4	C7	68Ω	VMA4 HELD 14 H
R53(1)	VMA4	C7	68Ω	VMA4 HELD 15 H
R43(1)	VMA4	C6	68Ω	VMA4 HELD 16 H
R44(1)	VMA4	C6	68Ω	VMA4 HELD 17 H
R39(1)	VMA4	C6	68Ω	VMA4 HELD 18 H
R40(1)	VMA4	C6	68Ω	VMA4 HELD 19 H
R199(1)	VMA4	C5	68Ω	VMA4 HELD 20 H
R194(1)	VMA4	C5	68Ω	VMA4 HELD 21 H
R195(1)	VMA4	C5	68Ω	VMA4 HELD 22 H
R196(1)	VMA4	C5	68Ω	VMA4 HELD 23 H
R61(1)	VMA4	C4	68Ω	VMA4 HELD 24 H
R62(1)	VMA4	C4	68Ω	VM-4 HELD 25 H
R28(1)	VMA4	C4	68Ω	VMA4 HELD 26 H
R26(1)	VMA4	C4	68Ω	VMA4 HELD 27 H
R67(1)	VMA4	C2	68Ω	VMA4 HELD 28 H
R66(1)	VMA4	C2	68Ω	VMA4 HELD 29 H
R65(1)	VMA4	C2	68Ω	VMA4 HELD 30 H
R64(1)	VMA4	C2	68Ω	VMA4 HELD 31 H
R77(1)	VMA4	C1	68Ω	VMA4 HELD 32 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

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R76(1)	VMA4	C1	68Ω	VMA4 HELD 33 H
R73(1)	VMA4	C1	68Ω	VMA4 HELD 34 H
R74(1)	VMA4	C1	68Ω	VMA4 HELD 35 H
R83(1)	VMA4	A5	68Ω	VMA4 PREV SEC 13 H
R86(1)	VMA4	A5	68Ω	VMA4 PREV SEC 14 H
R85(1)	VMA4	A5	68Ω	VMA4 PREV SEC 15 H
R90(1)	VMA4	A3	68Ω	VMA4 PREV SEC 16 H
R94(1)	VMA4	A3	68Ω	VMA4 PREV SEC 16,17 H
R87(1)	VMA4	A3	68Ω	VMA4 PREV SEC 17 H
R137(1)	VMA4	B6	68Ω	VMA4 VMA 12 IN H
R3(1)	VMA4	B7	68Ω	-VMA4 VMAX EN H
R36(1)	VMA5	B5	68Ω	-VMA5 DATAO APR H
R193(1)	VMA5	B7	68Ω	VMA5 DIAG 04 H
R88(1)	VMA5	B7	68Ω	-VMA5 DIAG 04 H
R192(1)	VMA5	B7	68Ω	VMA5 DIAG 05 H
R91(1)	VMA5	B7	68Ω	-VMA5 DIAG 05 H
R191(1)	VMA5	B7	68Ω	VMA5 DIAG 06 H
R92(1)	VMA5	B7	68Ω	-VMA5 DIAG 06 H
R2(1)	VMA5	B5	68Ω	-VMA5 LOAD PC H
R1(1)	VMA5	B5	68Ω	-VMA5 LOAD VMA HELD H
R72(1)	VMA5	A7	68Ω	-VMA5 READ VMA H
R145(1)	VMA5	A5	68Ω	-VMA5 READ VMA A H

REVISIONS

CHK	CHANGE NO.	REV

digital

DRN. C Smith DATE 19-SEP-76 ENG. Tom Eggers DATE 23 Sept 76
CHK'D Tom Eggers DATE 23 Sept 76
BOARD LOCATION:
SHEET 2 OF 2
M85422.RLS[4,161] 19-SEP-76 18:59
NEXT HIGHER ASSEMBLY: B-DD-M8542-0
FIRST USED ON OPTION/MODEL: KL10

TITLE: VMA BOARD TERMINATORS

SIZE	CODE	NUMBER	REV.
D	CS	M8542-0-RES	