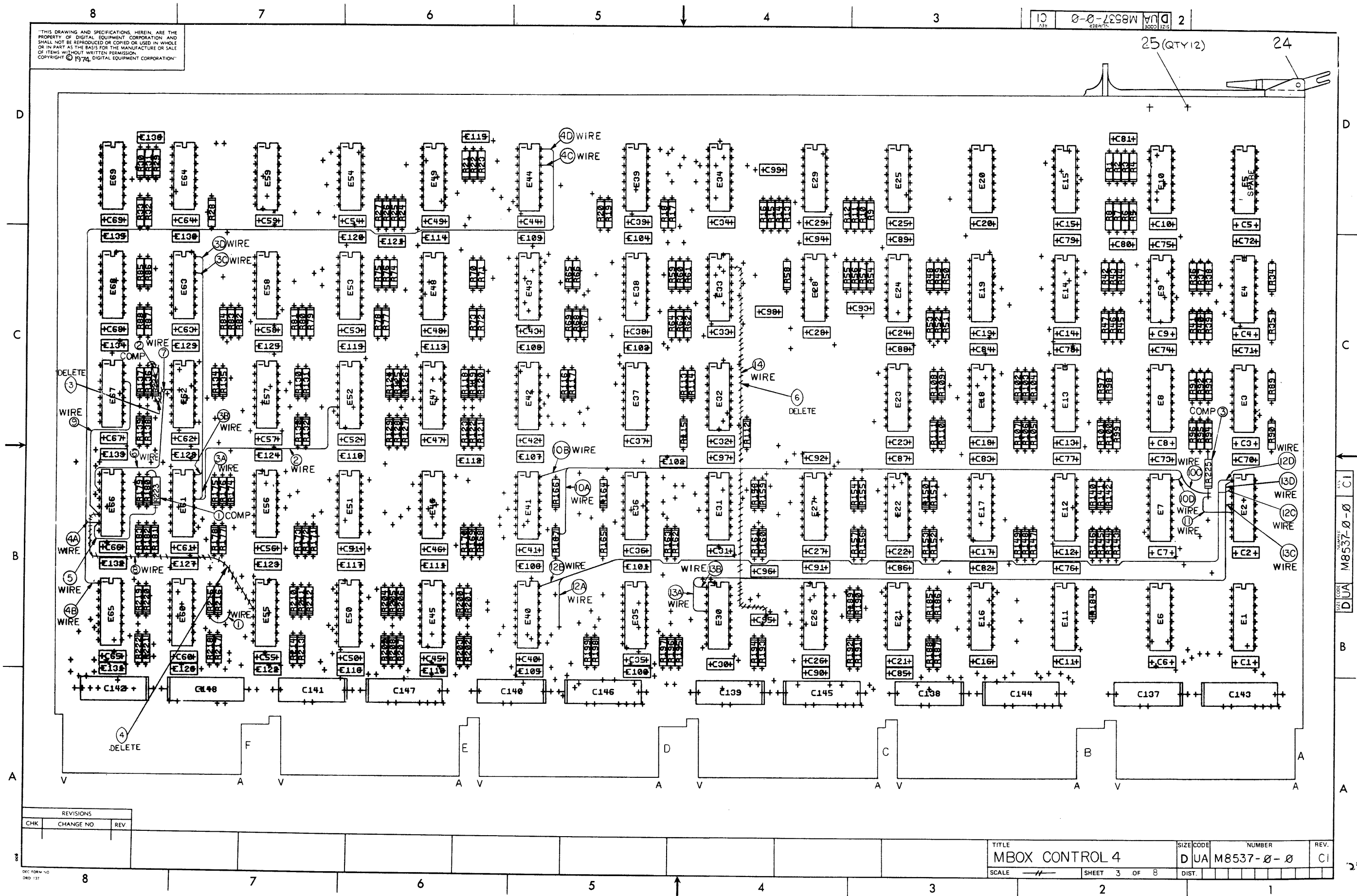


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REVISIONS		
CHK	CHANGE NO.	REV

DEC 1974

DEC 137

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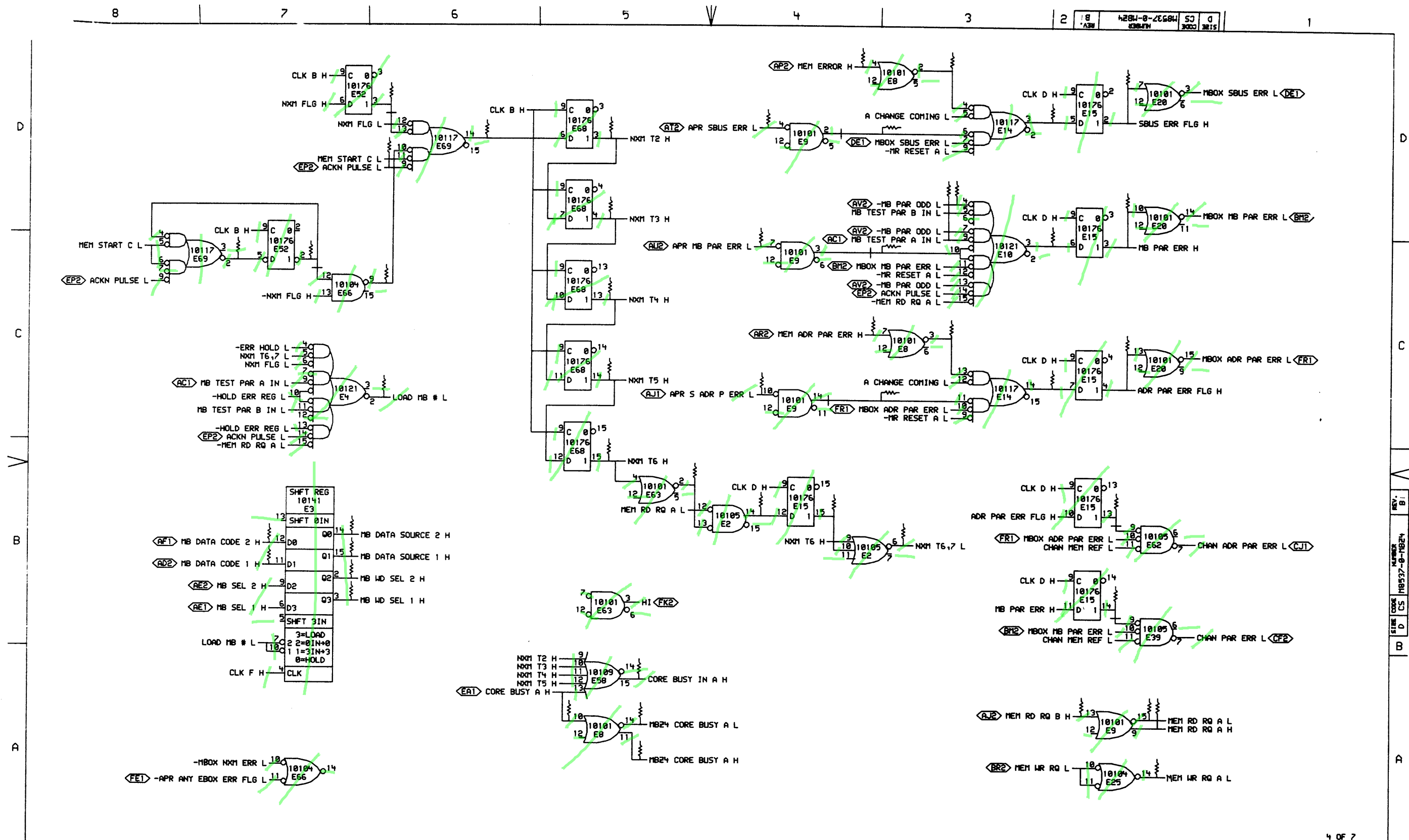
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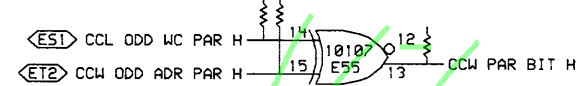
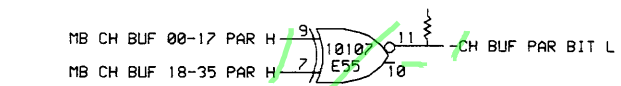
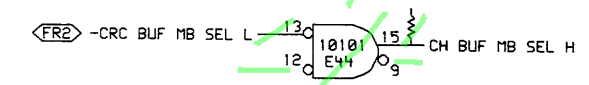
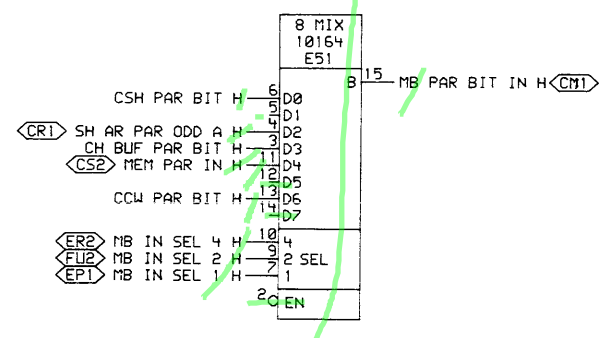
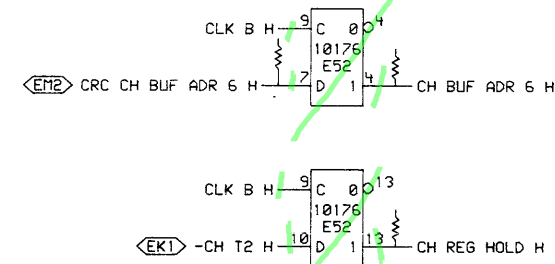
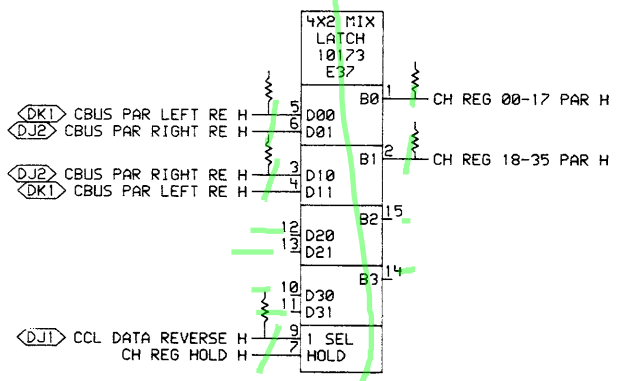
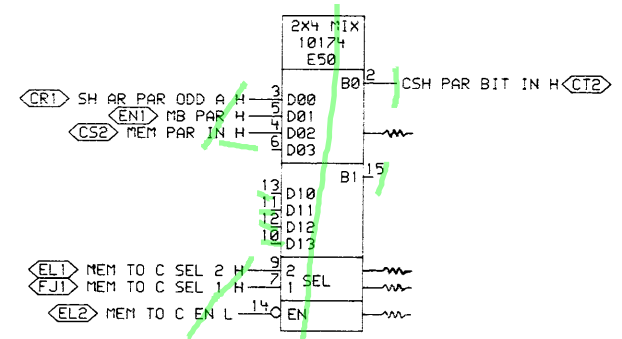
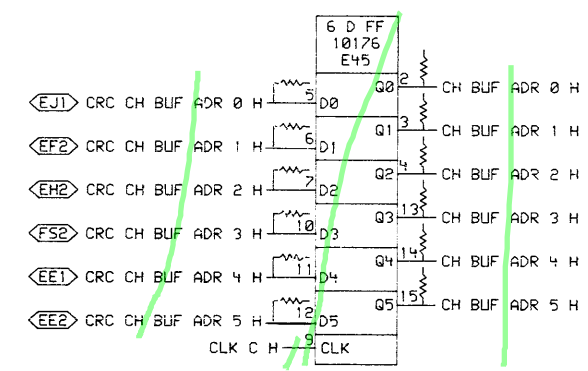
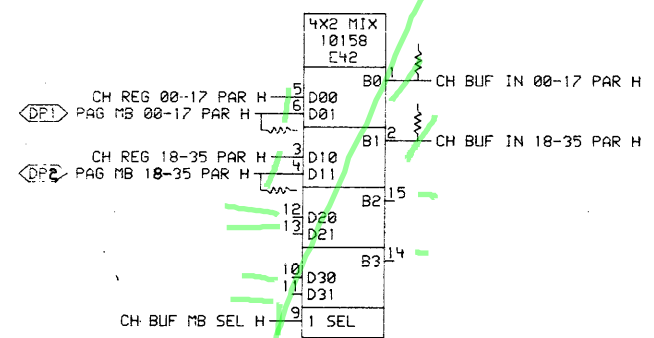
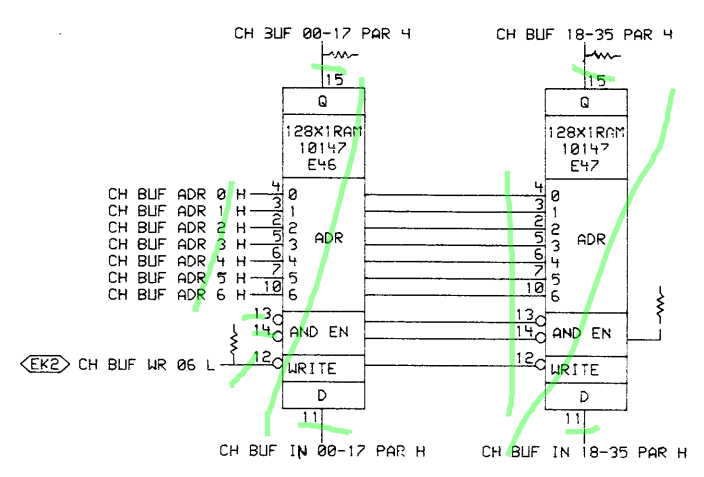
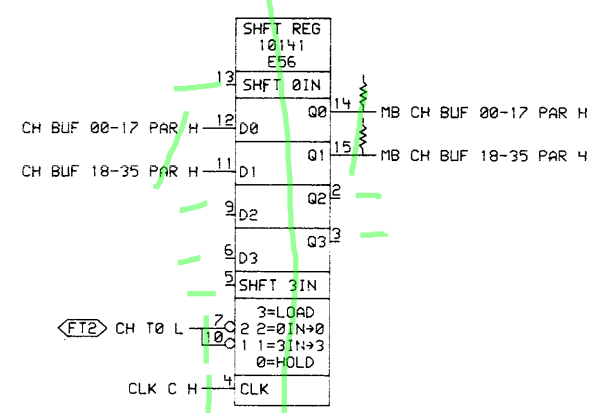
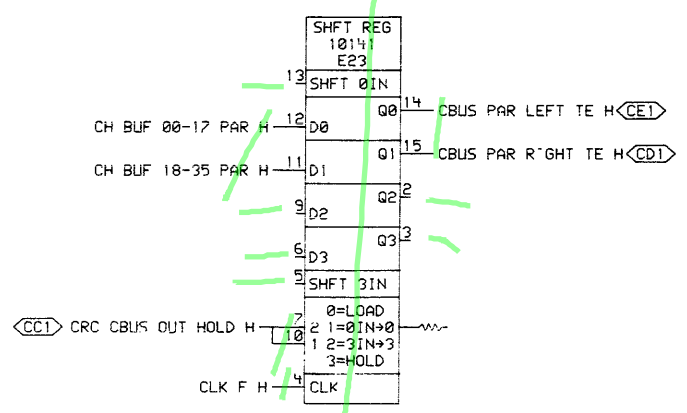
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1

TITLE		SIZE CODE	NUMBER	REV.
MBOX CONTROL 4		DUA	M8537-0-0	CI
SCALE	SHEET	3	OF	8

244





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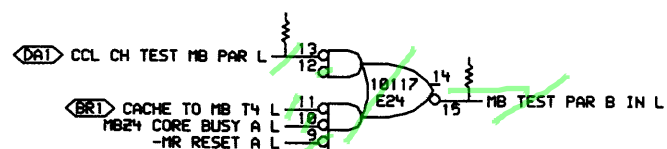
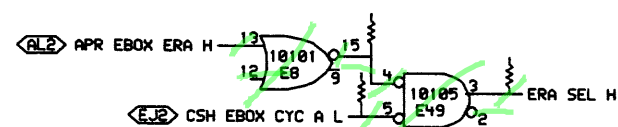
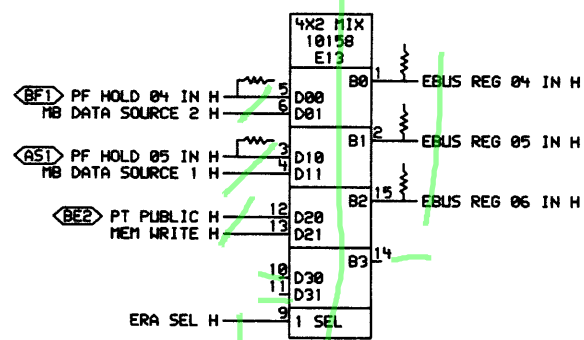
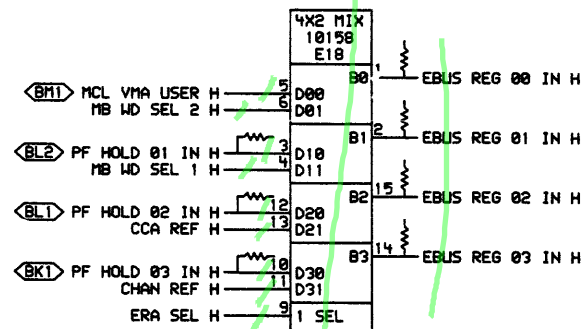
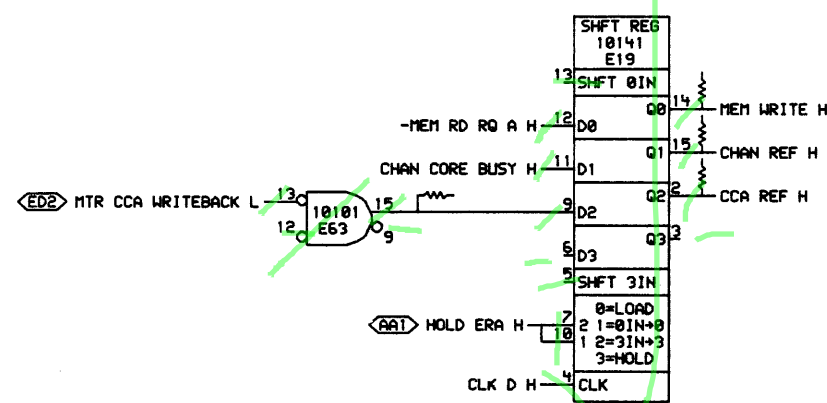
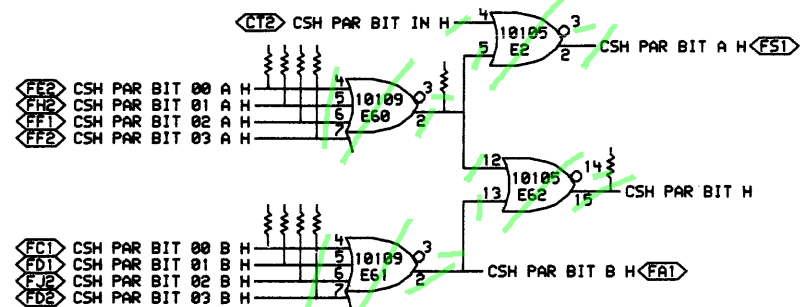
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REV. B1	9284-0-2588	CS	D	SIZE
NUMBER	18	CS	D	3215

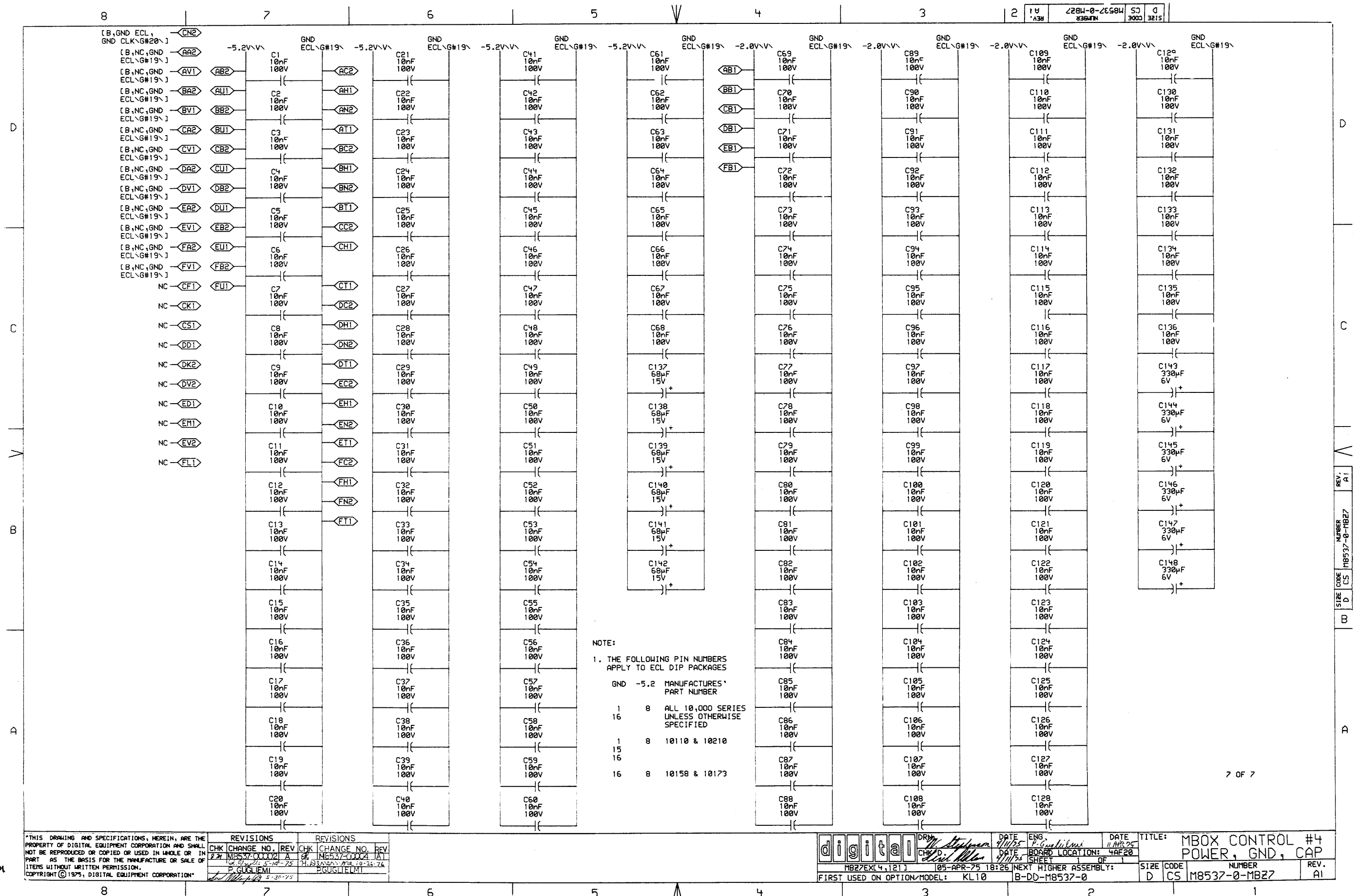


6 OF 7

REVISIONS				REVISIONS			
CHK	CHANGE NO.	REV	DATE	CHK	CHANGE NO.	REV	DATE
	1	1	12/1/75		1	1	12/1/75
	2	1	12/1/75		2	1	12/1/75
	3	1	12/1/75		3	1	12/1/75

digital				DATE	ENG. P. Allen	DATE	TITLE: EBUS REG IN MIX CSH PAR BIT
127-OCT-75 16:58				12/1/75	12/1/75	12/1/75	12/1/75
FIRST USED ON OPTION MODEL: KL10				NEXT HIGHER ASSEMBLY: B-DD-M8537-0			
SIZE CODE D CS				NUMBER M8537-0-M826			
REV. B1							

300



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538-0-23594

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D

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RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R2<1>	M824EX	C2	68n	%E10<3>
R8<1>	M824EX	C2	68n	%E14<14>
R1<1>	M824EX	D2	68n	%E14<3>
R13<1>	M824EX	B2	68n	%E15<13>
R17<1>	M824EX	B2	68n	%E15<14>
R23<1>	M824EX	B4	68n	%E15<15>
R22<1>	M824EX	B4	68n	%E2<14>
R6<1>	M821EX	B2	68n	%E24<2>
R12<1>	M823EX	C7	68n	%E25<2>
R13<1>	M823EX	D7	68n	%E25<3>
R67<1>	M821EX	C6	68n	%E33<2>
R69<1>	M821EX	D2	68n	%E34<15>
R63<1>	M821EX	C2	68n	%E34<2>
R234<1>	M821EX	D6	68n	%E38<14>
R235<1>	M821EX	D6	68n	%E38<15>
R14<1>	M823EX	D7	68n	%E39<14>
R15<1>	M823EX	C3	68n	%E39<3>
R82<1>	M821EX	A3	68n	%E41<3>
R16<1>	M821EX	D3	68n	%E43<13>
R75<1>	M821EX	A3	68n	%E43<4>
R168<1>	M825EX	D2	68n	%E47<14>
R65<1>	M823EX	C7	68n	%E48<15>
R66<1>	M821EX	B7	68n	%E48<2>
R76<1>	M821EX	B2	68n	%E49<6>
R31<1>	M824EX	C7	68n	%E52<2>
R38<1>	M824EX	D6	68n	%E52<3>
R139<1>	M823EX	A5	68n	%E55<2>
R137<1>	M823EX	B7	68n	%E57<15>
R136<1>	M823EX	D3	68n	%E57<3>
R26<1>	M823EX	A2	68n	%E59<14>
R27<1>	M823EX	A2	68n	%E59<15>
R25<1>	M823EX	B2	68n	%E59<2>
R24<1>	M823EX	B2	68n	%E59<3>
R225<1>	M826EX	D6	68n	%E60<2>
R138<1>	M823EX	A4	68n	%E62<2>
R51<1>	M826EX	C7	68n	%E63<15>
R229<1>	M824EX	B5	68n	%E63<2>
R177<1>	M823EX	C3	68n	%E65<6>
R188<1>	M823EX	C3	68n	%E65<7>
R85<1>	M823EX	B2	68n	%E66<2>

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
R218<1>	M823EX	B4	68	%E66<3>
R33<1>	M824EX	C6	68n	%E66<9>
R49<1>	M823EX	D2	68n	%E67<13>
R232<1>	M823EX	A5	68n	%E67<14>
R28<1>	M823EX	A3	68n	%E67<15>
R86<1>	M824EX	D6	68n	%E69<14>
R131<1>	M824EX	C7	68	%E69<2>
R22<1>	M826EX	B3	68n	%E8<15>
R47<1>	M824EX	D3	68n	%E8<2>
R43<1>	M824EX	C3	68n	%E8<3>
R45<1>	M824EX	C3	68n	%E9<14>
R46<1>	M824EX	D3	68n	%E9<2>
R6<1>	M824EX	C3	68n	%E9<3>
R42<1>	M823EX	B3	68n	-A CHANGE COMING H
R34<1>	M824EX	D6	68n	-ACKN PULSE H
R216<1>	M824EX	C2	68n	ADR PAR ERR FLG H
R179<1>	M823EX	C2	68	APR ANY EBOX ERR FLG H
R48<1>	M824EX	C4	68n	-APR MB PAR ERR H
R166<1>	M823EX	D5	68n	-APR NXM ERR H
R39<1>	M824EX	C4	68n	-APR S ADR P ERR H
R44<1>	M824EX	D4	68n	-APR SBUS ERR H
R117<1>	M825EX	B7	68	CBUS PAR LEFT RE H
R113<1>	M82	EX B7	68	CBUS PAR RIGHT RE H
R183<1>	M826EX	C6	68n	CCA REF H
R58<1>	M826EX	B3	68n	-CCL CH TEST MB PAR H
R115<1>	M82	EX A7	68n	CCL DATA REVERSE H
R64<1>	M821EX	C7	68n	CCL HOLD MEM H
R211<1>	M825EX	A5	68n	CCL ODD MC PAR H
R212<1>	M825EX	A5	68n	CCW ODD ADR PAR H
R172<1>	M825EX	A5	68	CCW PAR BIT H
R188<1>	M825EX	D3	68n	CH BUF 00-17 PAR H
R118<1>	M825EX	D2	68n	CH BUF 18-35 PAR H
R126<1>	M825EX	C5	68n	CH BUF ADR 0 H
R125<1>	M825EX	C5	68n	CH BUF ADR 1 H
R124<1>	M825EX	C5	68n	CH BUF ADR 2 H
R127<1>	M825EX	C5	68n	CH BUF ADR 3 H
R128<1>	M825EX	C5	68n	CH BUF ADR 4 H
R129<1>	M825EX	C5	68n	CH BUF ADR 5 H
R178<1>	M82	EX B5	68n	CH BUF ADR 6 H
R169<1>	M825EX	C7	68n	CH BUF IN 00-17 PAR H

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R123<1>	M825EX	C7	68n	CH BUF IN 18-35 PAR H
R116<1>	M825EX	A7	68n	CH BUF MB SEL H
R173<1>	M825EX	A5	68n	CH BUF PAR BIT H
R118<1>	M825EX	C3	68n	-CH BUF WR 06 H
R122<1>	M825EX	B7	68n	CH REG 00-17 PAR H
R119<1>	M825EX	B7	68n	CH REG 18-35 PAR H
R114<1>	M825EX	B5	68n	CH REG HOLD H
R78<1>	M821EX	B5	68n	CHAN BUF TO MB H
R83<1>	M821EX	C7	68n	CHAN CORE BUSY H
R21<1>	M821EX	C6	68n	-CHAN CORE BUSY H
R56<1>	M821EX	B5	68n	CHAN EPT H
R58<1>	M821EX	B5	68n	-CHAN EPT H
R57<1>	M823EX	B6	68n	-CHAN MEM REF H
R185<1>	M826EX	C6	68n	CHAN REF H
R77<1>	M821EX	C5	68n	CHAN STATUS TO MB H
R53<1>	M821EX	B2	68n	-CHAN TO MEM H
R55<1>	M821EX	C5	68n	-CHAN WR MEM H
R23<1>	M821EX	C7	68n	CLK A H
R88<1>	M821EX	C7	68n	CLK B H
R174<1>	M821EX	C7	68n	CLK C H
R<1>	M821EX	B7	68n	CLK D H
R184<1>	M821EX	B7	68n	CLK E H
R93<1>	M821EX	B7	68n	CLK F H
R112<1>	M821EX	B7	68n	CLK MB2 H
R96<1>	M824EX	A5	68n	CORE BUSY A H
R68<1>	M824EX	A5	68n	CORE BUSY IN A H
R59<1>	M821EX	A2	68n	CORE RD IN PROG H
R111<1>	M825EX	D7	68n	CRC CBUS OUT HOLD H
R286<1>	M825EX	C5	68n	CRC CH BUF ADR 0 H
R288<1>	M825EX	C5	68n	CRC CH BUF ADR 1 H
R287<1>	M825EX	C5	68n	CRC CH BUF ADR 2 H
R283<1>	M825EX	C5	68n	CRC CH BUF ADR 3 H
R281<1>	M825EX	C5	68n	CRC CH BUF ADR 4 H
R288<1>	M825EX	C5	68n	CRC CH BUF ADR 5 H
R132<1>	M825EX	B5	68n	CRC CH BUF ADR 6 H
R54<1>	M821EX	C5	68n	CSH CHAN CYC A H
R48<1>	M821EX	C5	68n	-CSH CHAN CYC A H
R23<1>	M826EX	B3	68n	-CSH EBOX CYC A H
R193<1>	M826EX	D6	68n	CSH PAR BIT H
R219<1>	M826EX	D7	68n	CSH PAR BIT 00 A H

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R176<1>	M826EX	C7	68n	CSH PAR BIT 00 B H
R228<1>	M826EX	D7	68n	CSH PAR BIT 01 A H
R175<1>	M826EX	C7	68n	CSH PAR BIT 01 B H
R222<1>	M826EX	D7	68n	CSH PAR BIT 02 A H
R183<1>	M826EX	C7	68n	CSH PAR BIT 02 B H
R221<1>	M826EX	D7	68n	CSH PAR BIT 03 A H
R182<1>	M826EX	C7	68n	CSH PAR BIT 03 B H
R19<1>	M821EX	C3	68n	-DIAG LOAD FUNC 071 H
R167<1>	M822EX	A7	68n	-DIAG READ FUNC 16X H
R62<1>	M821EX	B2	68n	-EBOX DIAG CYC A H
R188<1>	M822EX	A7	68n	EBUS EN H
R162<1>	M822EX	A7	68n	-EBUS EN H
R191<1>	M822EX	D7	68n	EBUS REG 00 H
R147<1>	M826EX	D3	68n	EBUS REG 00 IN H
R198<1>	M822EX	D7	68n	EBUS REG 01 H
R148<1>	M826EX	D3	68n	EBUS REG 01 IN H
R185<1>	M822EX	D7	68n	EBUS REG 02 H
R145<1>	M826EX	D3	68n	EBUS REG 02 IN H
R187<1>	M822EX	D7	68n	EBUS REG 03 H
R149<1>	M826EX	D3	68n	EBUS REG 03 IN H
R152<1>	M822EX	D6	68n	EBUS REG 04 H
R148<1>	M826EX	C3	68n	EBUS REG 04 IN H
R151<1>	M822EX	D6	68n	EBUS REG 05 H
R141<1>	M826EX	C3	68n	EBUS REG 05 IN H
R198<1>	M822EX	D6	68n	EBUS REG 06 H
R144<1>	M826EX	C3	68n	EBUS REG 06 IN H
R153<1>	M822EX	D6	68n	EBUS REG 07 H
R157<1>	M822EX	D5	68n	EBUS REG 08 H
R155<1>	M822EX	D5	68n	EBUS REG 14 H
R189<1>	M822EX	D5	68n	EBUS REG 15 H
R192<1>	M822EX	D5	68n	EBUS REG 16 H
R195<1>	M822EX	D3	68n	EBUS REG 17 H
R194<1>	M822EX	D3	68n	EBUS REG 18 H
R158<1>	M822EX	D3	68n	EBUS REG 19 H
R159<1>	M822EX	D3	68n	EBUS REG 20 H
R198<1>	M822EX	D2	68n	EBUS REG 21 H
R197<1>	M822EX	D2	68n	EBUS REG 22 H
R165<1>	M822EX	D2	68n	EBUS REG 23 H
R163<1>	M822EX	D2	68n	EBUS REG 24 H
R282<1>	M822EX	D1	68n	EBUS REG 25 H

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REVISIONS		
CHK	CHANGE NO.	REV
	M8537-000031	B
	4/11/76	1
	P. GUGLIELMI	

REVISIONS		
CHK	CHANGE NO.	REV
	M8537-000031	B
	4/11/76	1
	P. GUGLIELMI	

digital

DRN. 538-0-23594
CHK'D.

DATE 12-01-75
DATE 12-01-75

ENG. P. Guglielmi
DATE 12-01-75

DATE 12-01-75

TITLE: MBOX CONTROL #4
TERMINATORS

SIZE CODE D
CS M8537-0-RES

NUMBER 1
REV. BI

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302

RESISTOR LOC(PIN)	SHOWN ON DRW# REF	VALUE	TERMINATES SIGNAL	RESISTOR LOC(PIN)	SHOWN ON DRW# REF	VALUE	TERMINATES SIGNAL
R199(1)	MB22EX D1	68Ω	EBUS REG 26 H	R74(1)	MB24EX A2	68Ω	-MEM WR RQ A H
R154(1)	MB22EX D1	68Ω	EBUS REG 34 H	R97(1)	MB26EX C6	68Ω	MEM WRITE H
R156(1)	MB22EX D1	68Ω	EBUS REG 35 H	R20(1)	MB23EX C3	68Ω	MR RESET 06 H
R161(1)	MB22EX B7	68Ω	EBUS SEL 1 H	R236(1)	MB23EX C3	68Ω	MR RESET A H
R160(1)	MB22EX B7	68Ω	EBUS SEL 2 H	R223(1)	MB23EX C3	68Ω	-MR RESET A H
R92(1)	MB26EX B2	68Ω	ERA SEL H	R84(1)	MB21EX A3	68Ω	-MTR CCA WRITEBACK H
R37(1)	MB23EX C2	68Ω	ERR HOLD H	R73(1)	MB23EX C6	68Ω	NXM CLR DONE H
R196(1)	MB23EX C2	68Ω	-HOLD ERA H	R135(1)	MB23EX C6	68Ω	-NXM CLR DONE H
R227(1)	MB23EX C1	68Ω	HOLD ERR REG H	R18(1)	MB23EX D6	68Ω	NXM CLR T0 H
R142(1)	MB22EX B5	68Ω	-LOAD EBUS REG A H	R71(1)	MB23EX B3	68Ω	-NXM CRY A H
R143(1)	MB22EX A5	68Ω	-LOAD EBUS REG B H	R70(1)	MB23EX B1	68Ω	-NXM CRY B H
R94(1)	MB24EX C6	68Ω	-LOAD MB # H	R233(1)	MB23EX B6	68Ω	NXM FLG H
R213(1)	MB25EX D5	68Ω	MB CH BUF 00-17 PAR H	R36(1)	MB23EX C6	68Ω	-NXM FLG H
R214(1)	MB25EX D5	68Ω	MB CH BUF 18-35 PAR H	R164(1)	MB24EX D5	68Ω	NXM T2 H
R90(1)	MB24EX B7	68Ω	MB DATA CODE 1 H	R81(1)	MB24EX D5	68Ω	NXM T3 H
R89(1)	MB24EX B7	68Ω	MB DATA CODE 2 H	R80(1)	MB24EX C5	68Ω	NXM T4 H
R98(1)	MB24EX B7	68Ω	MB DATA SOURCE 1 H	R79(1)	MB24EX C5	68Ω	NXM T5 H
R101(1)	MB24EX B7	68Ω	MB DATA SOURCE 2 H	R231(1)	MB24EX B5	68Ω	NXM T6 H
R218(1)	MB24EX D2	68Ω	MB PAR ERR H	R38(1)	MB24EX B3	68Ω	-NXM T6,7 H
R4(1)	MB24EX D3	68Ω	MB PAR ODD H	R121(1)	MB25EX C7	68Ω	PAG MB 00-17 PAR H
R61(1)	MB21EX D7	68Ω	MB REQ HOLD H	R120(1)	MB25EX C7	68Ω	PAG MB 18-35 PAR H
R5(1)	MB24EX D3	68Ω	-MB TEST PAR A IN H	R106(1)	MB22EX D5	68Ω	PAGED REF H
R35(1)	MB26EX A3	68Ω	-MB TEST PAR B IN H	R109(1)	MB26EX D3	68Ω	PF HOLD 01 IN H
R104(1)	MB24EX B7	68Ω	MB WD SEL 1 H	R102(1)	MB26EX D3	68Ω	PF HOLD 02 IN H
R106(1)	MB24EX B7	68Ω	MB WD SEL 2 H	R107(1)	MB26EX D3	68Ω	PF HOLD 03 IN H
R3(1)	MB23EX D3	68Ω	MBOX NXM ERR H	R100(1)	MB26EX C3	68Ω	PF HOLD 04 IN H
R130(1)	MB23EX D4	68Ω	MBOX NXM ERR CLR H	R99(1)	MB26EX C3	68Ω	PF HOLD 05 IN H
R237(1)	MB24EX A5	68Ω	MB24 CORE BUSY A H	R146(1)	MB22EX D6	68Ω	PT CACHE H
R52(1)	MB24EX A5	68Ω	-MB24 CORE BUSY A H	R178(1)	MB23EX B2	68Ω	RQ HOLD DLY H
R95(1)	MB24EX C4	68Ω	MEM ADR PAR ERR H	R181(1)	MB23EX C3	68Ω	RQ HOLD FF H
R91(1)	MB24EX D4	68Ω	MEM ERROR H	R215(1)	MB24EX D2	68Ω	SBUS ERR FLG H
R171(1)	MB25EX C3	68Ω	MEM PAR IN H				
R11(1)	MB24EX A2	68Ω	MEM RD RQ A H				
R72(1)	MB24EX A2	68Ω	-MEM RD RQ A H				
R41(1)	MB24EX A2	68Ω	MEM RD RQ B H				
R9(1)	MB23EX C3	68Ω	MEM START C H				
R32(1)	MB23EX C3	68Ω	-MEM START C H				
R205(1)	MB25EX B3	68Ω	-MEM TO C EN H				
R204(1)	MB25EX B3	68Ω	MEM TO C SEL 1 H				
R209(1)	MB25EX B3	68Ω	MEM TO C SEL 2 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

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REVISIONS		
CHK	CHANGE NO.	REV

digital	DRN. <i>E. Smith</i>	DATE 27-OCT-75	ENG. <i>P. Campbell</i>	DATE 11-FEB-76	TITLE: MBOX CONTROL #4 TERMINATORS
	CHK'D.	DATE	BOARD LOCATION: 2 OF 2	SHEET	
M85372.RVBL4.427		27-OCT-75 21:48		NEXT HIGHER ASSEMBLY: B-DD-M8537-0	
FIRST USED ON OPTION/MODEL: KL10		B-DD-M8537-0		SIZE CODE D CS	NUMBER M8537-0-RES
				REV. BI	