

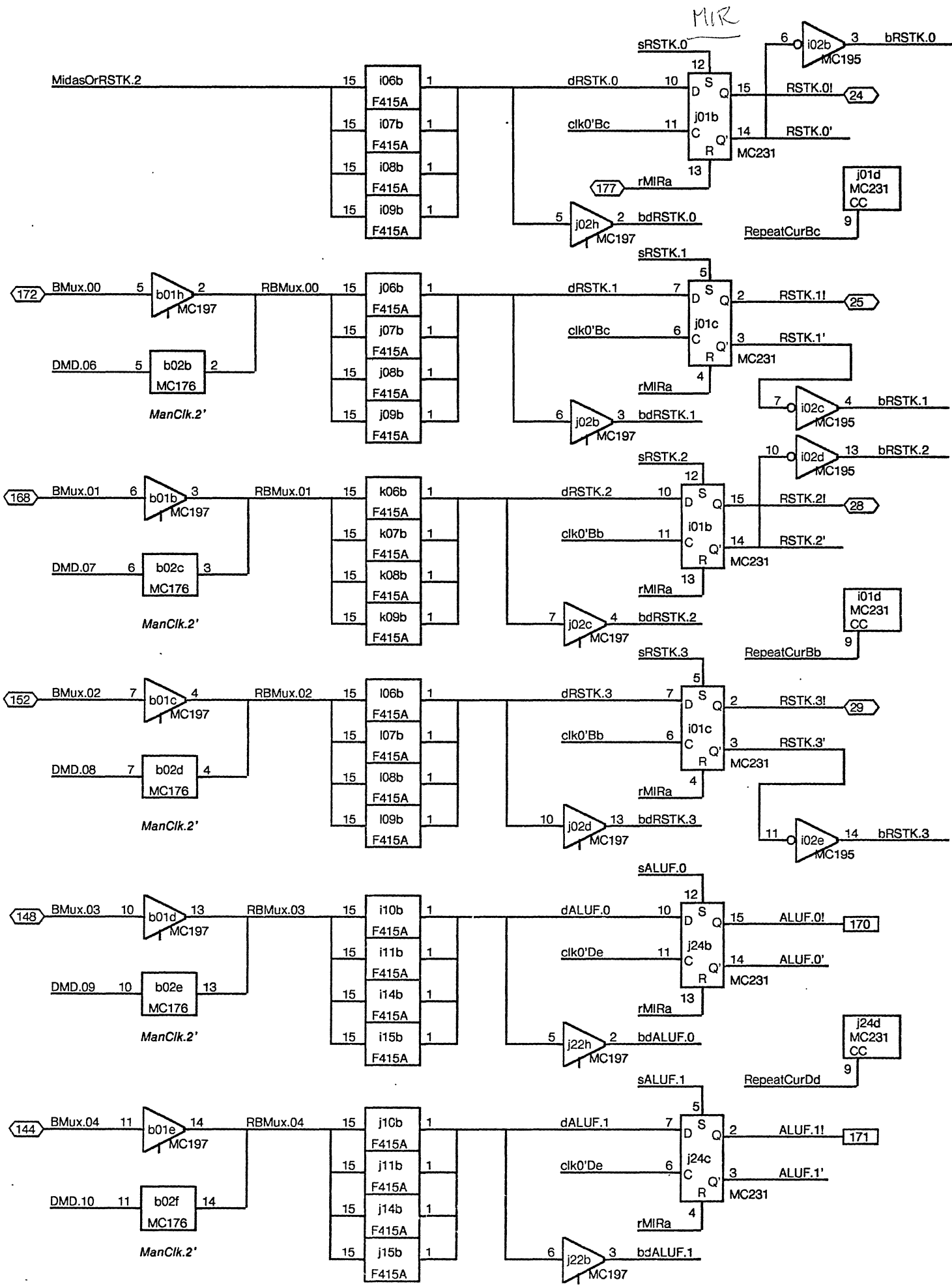
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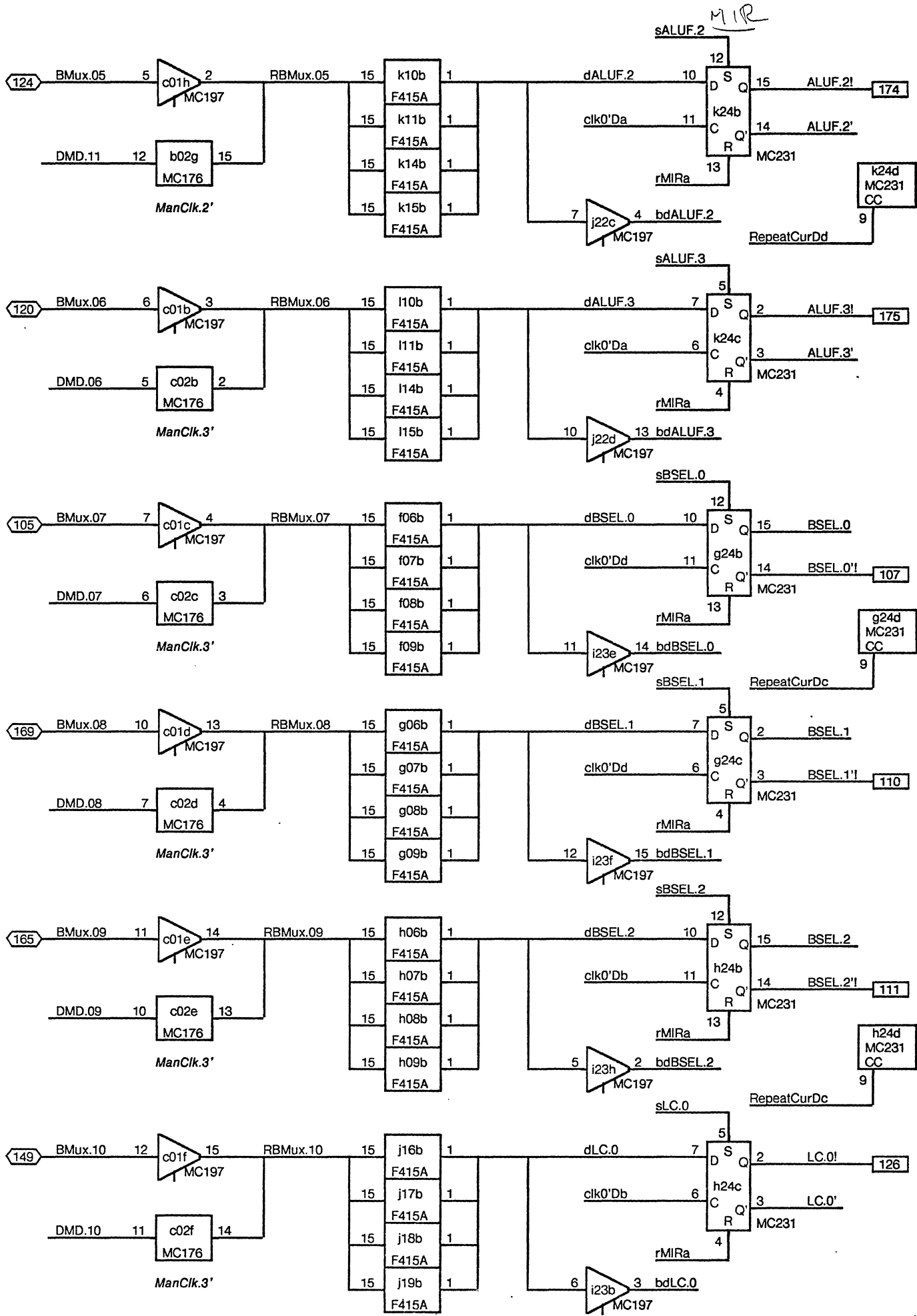
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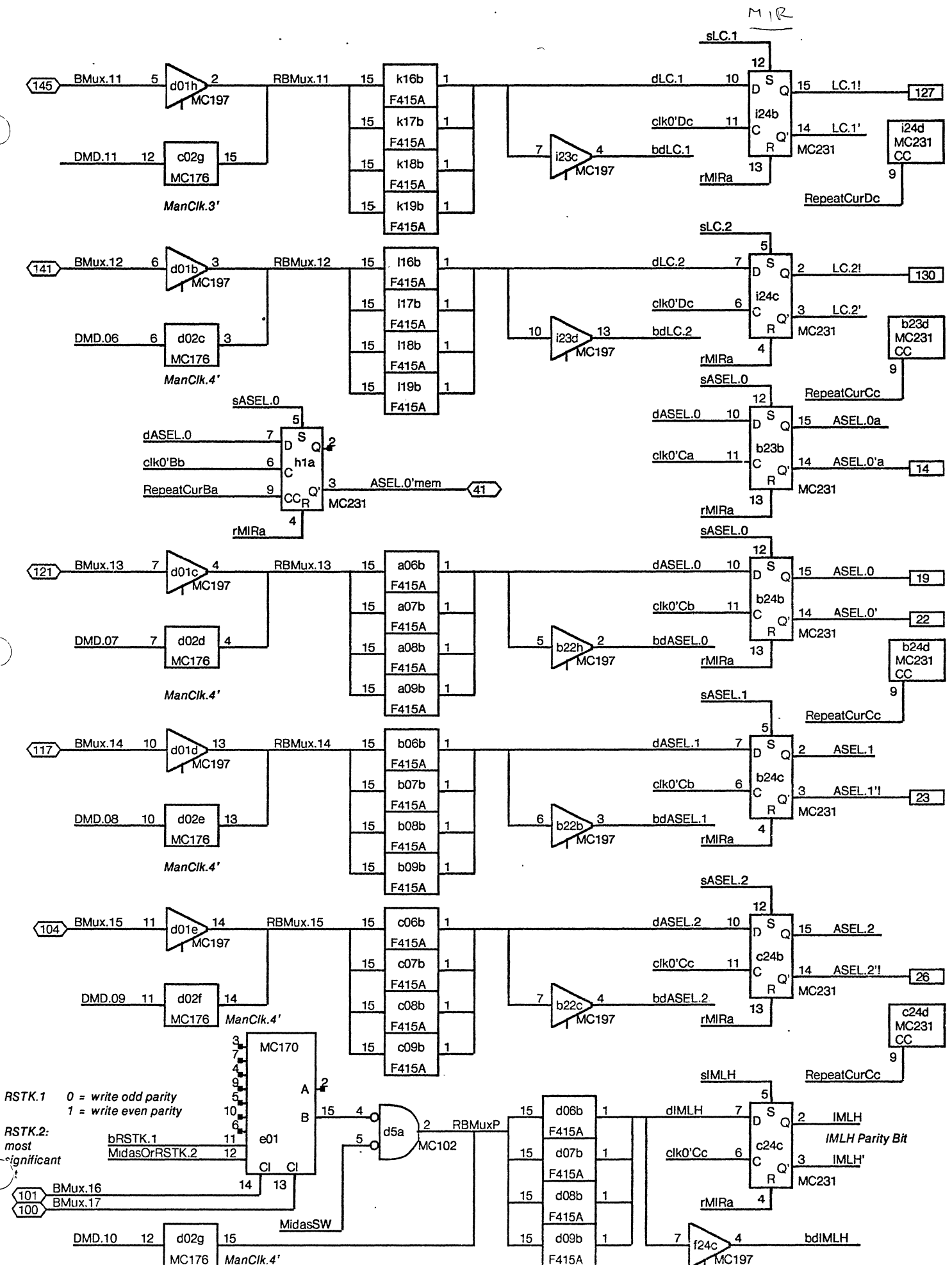
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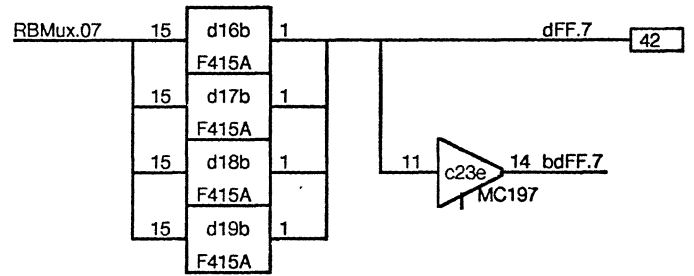
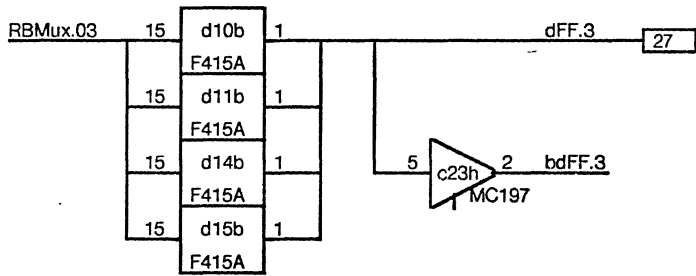
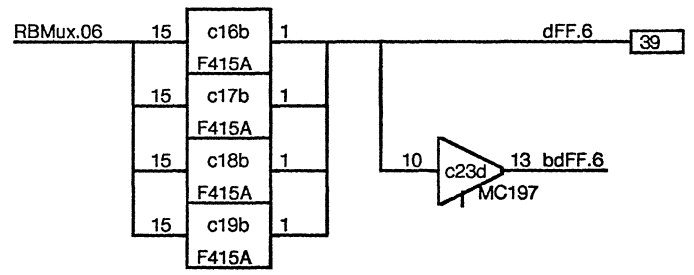
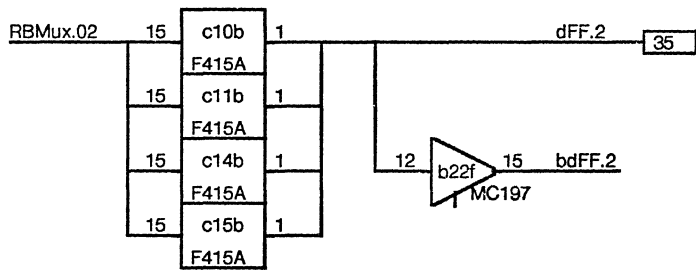
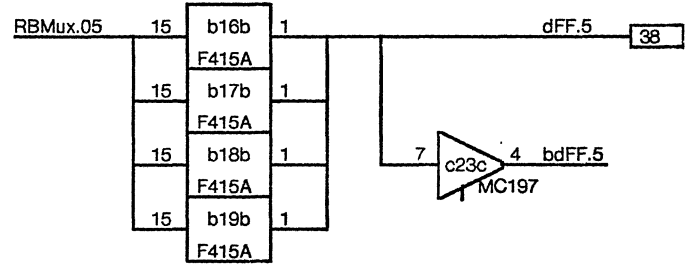
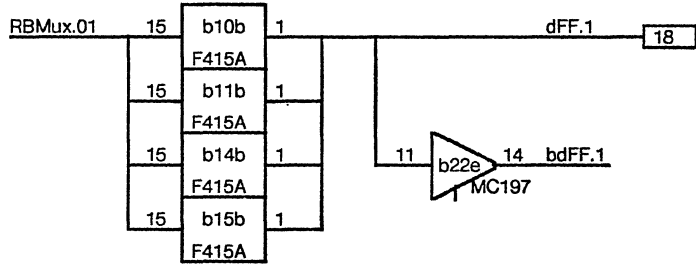
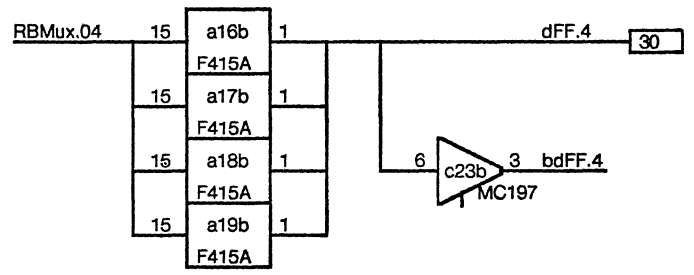
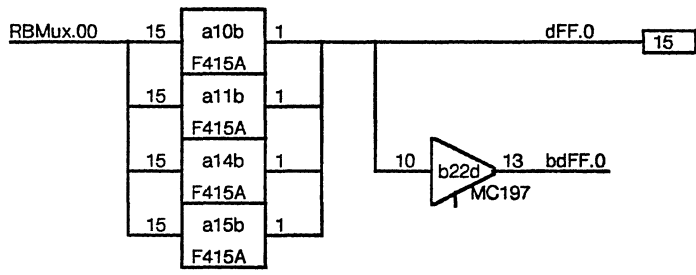
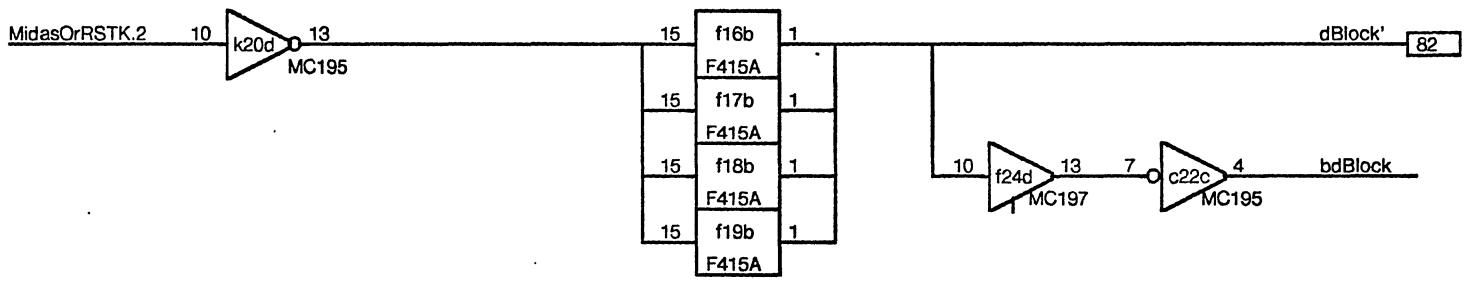
Table of contents

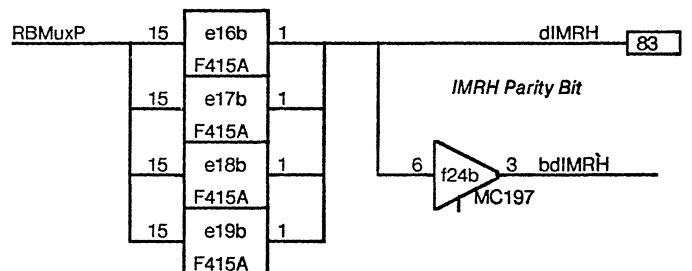
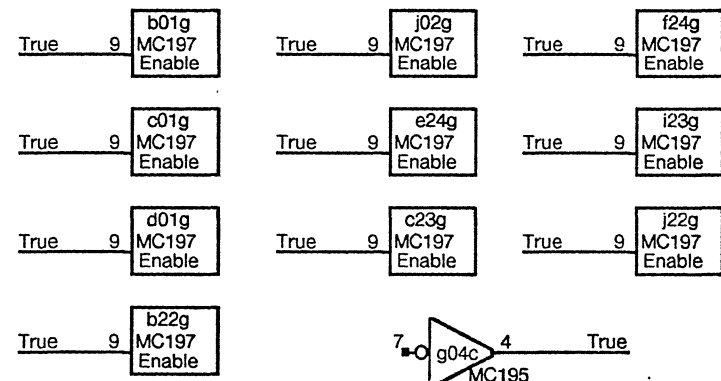
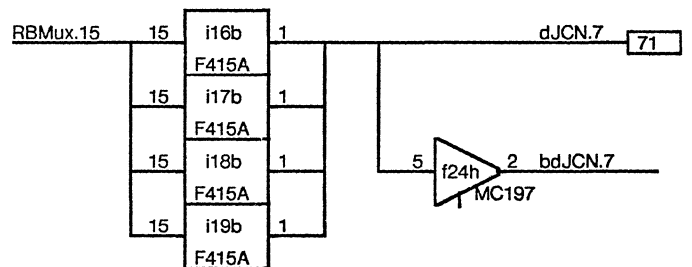
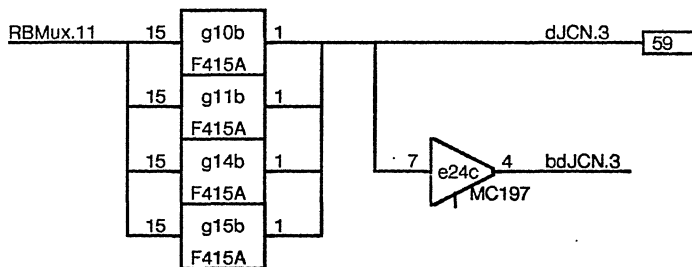
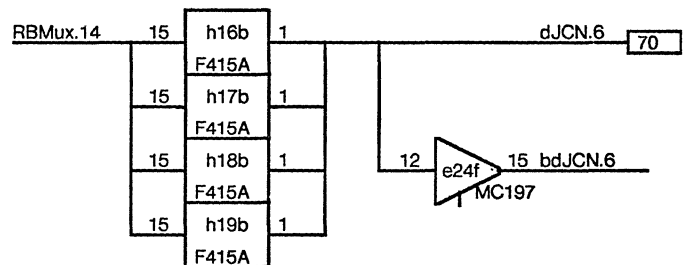
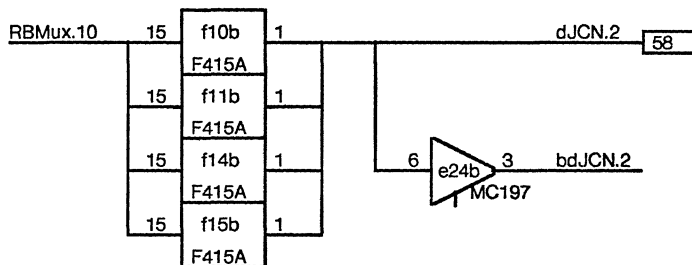
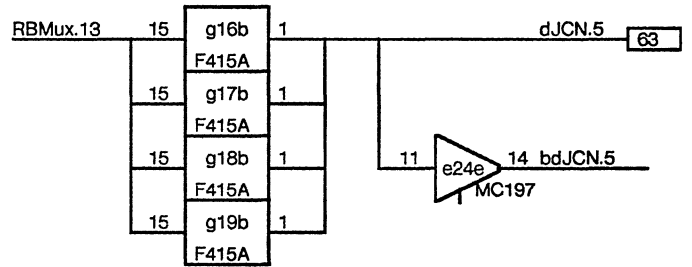
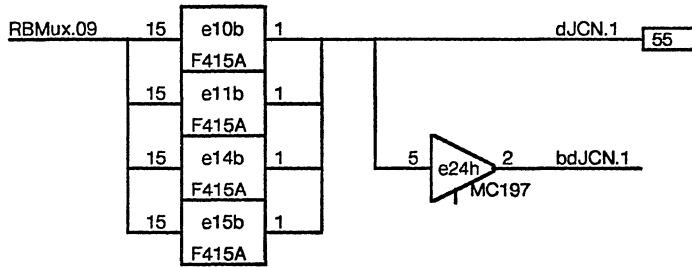
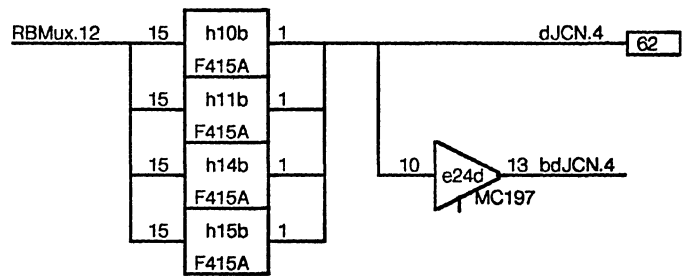
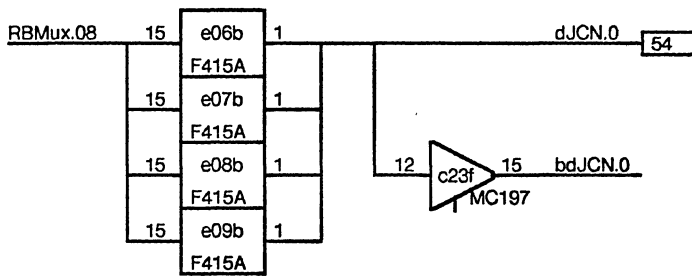
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Control Store Bit Slice 00 to 05 _____	01
Control Store Bit Slice 06 to 11 _____	02
Control Store Bit Slice 12 to 17 _____	03
Control Store Bit Slice 18 to 26 _____	04
Control Store Bit Slice 27 to 35 _____	05
RAM Addressing _____	06 & 07
Chip Selects _____	08
Read Mux And Processor Control Signals and IM Parity _____	09
CPI interfaces and sMIR _____	10
Manifold Interface _____	11
Mufflers and Midas Interface _____	12
Clocks _____	13
Control Store Address Bit Slices _____	14-22
Control B Layout _____	23





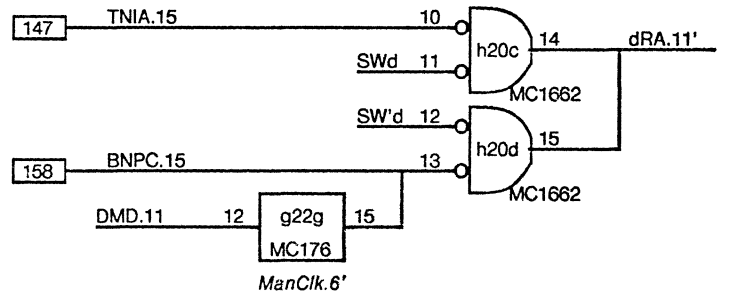
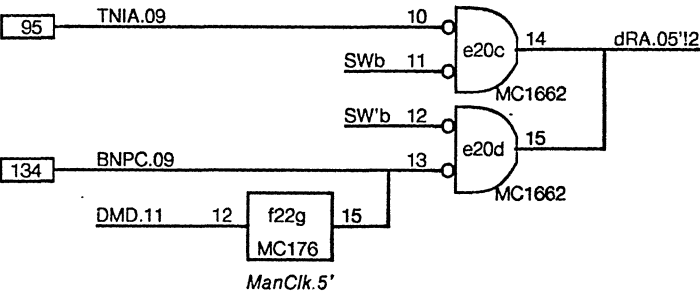
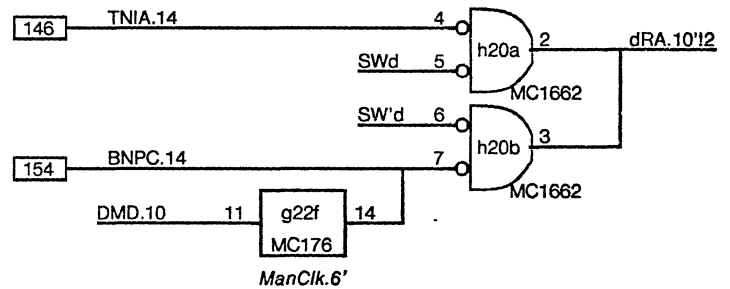
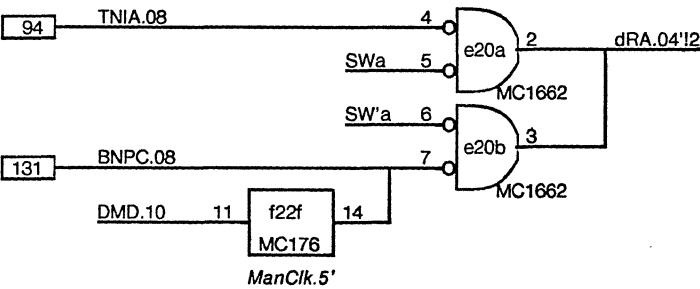
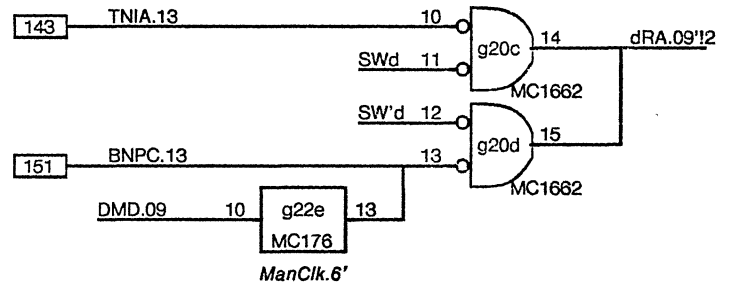
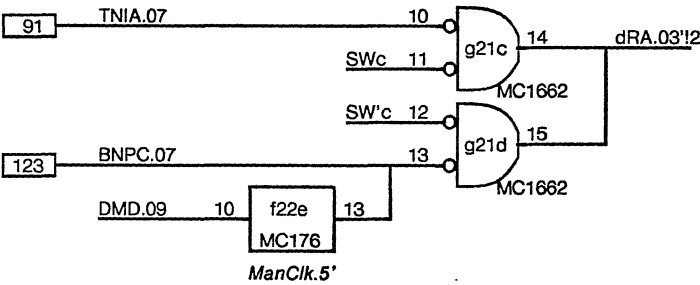
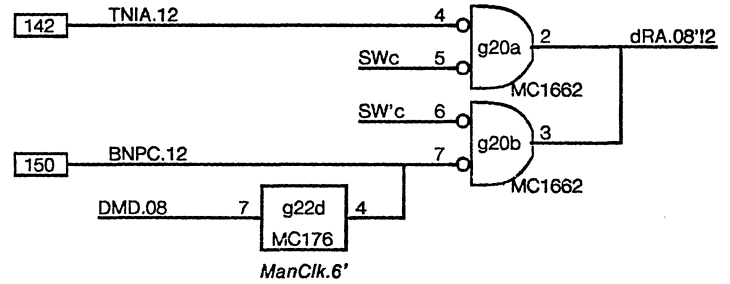
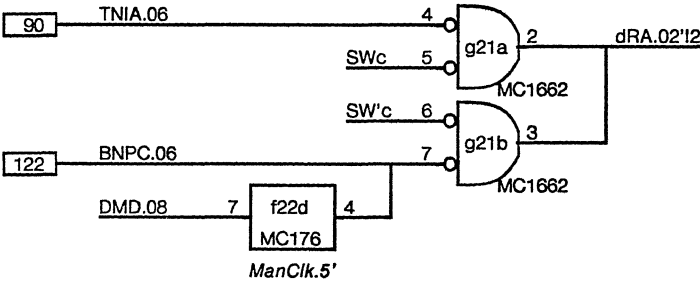
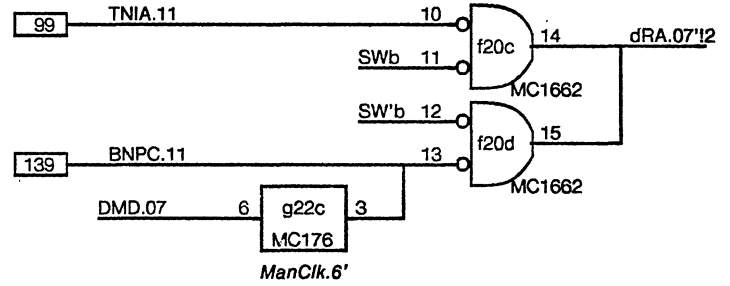
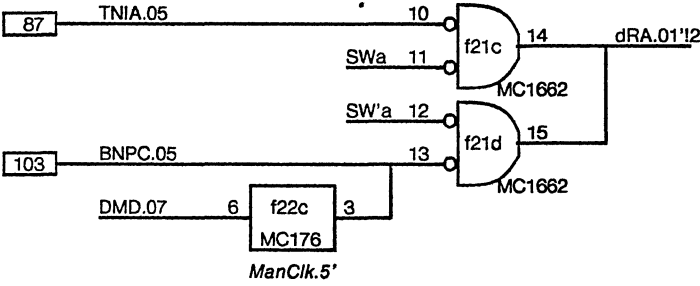
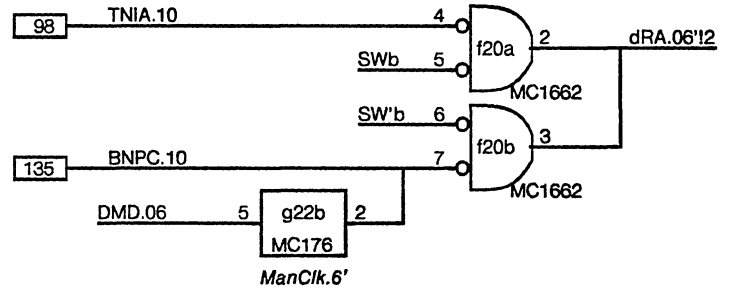
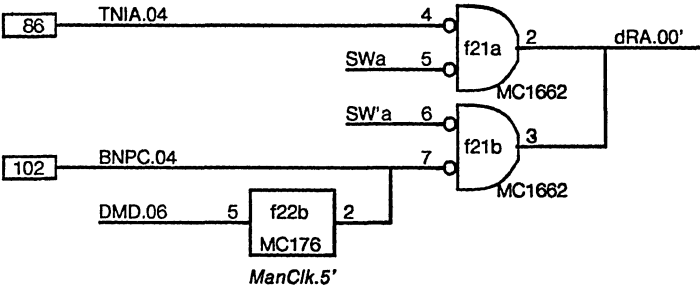


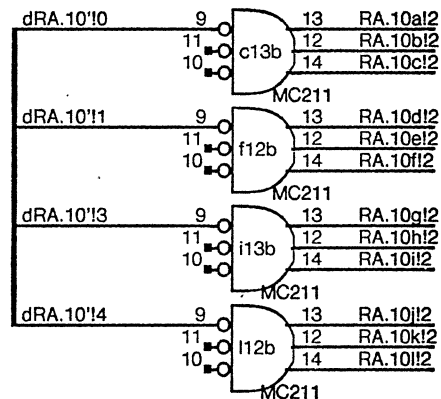
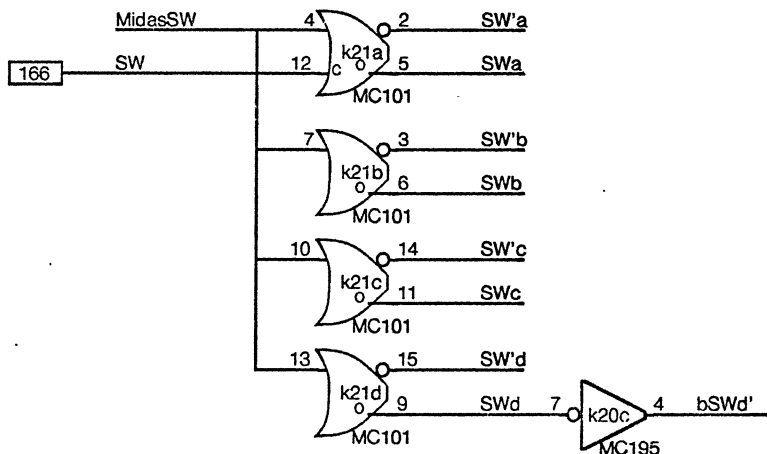
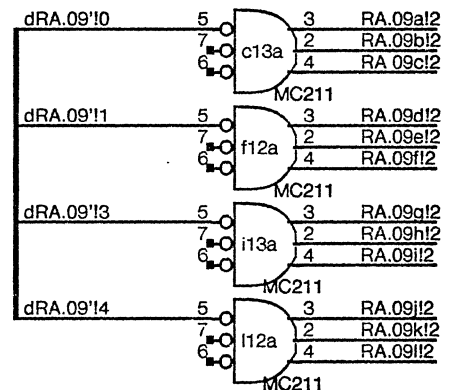
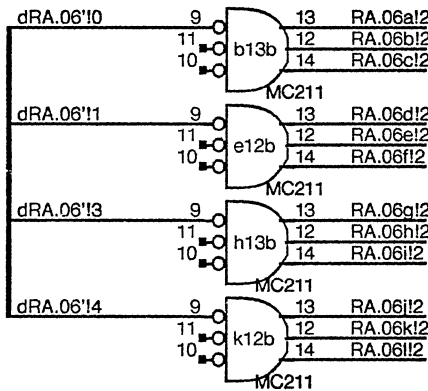
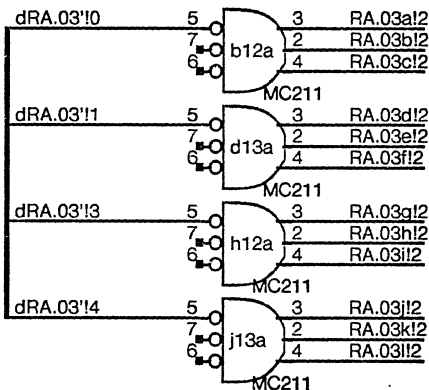
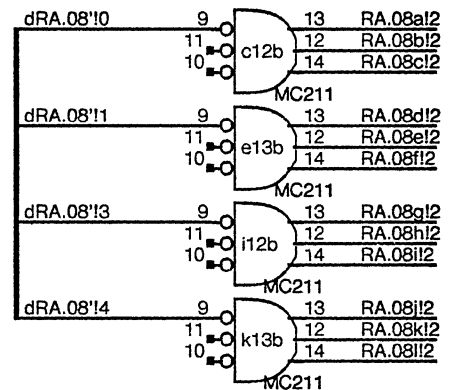
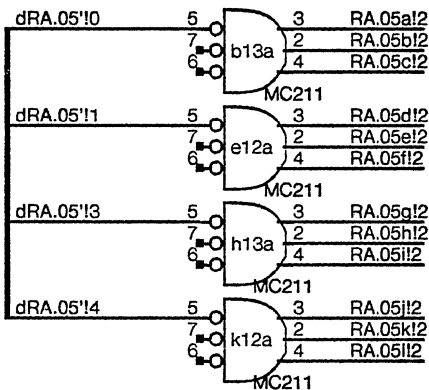
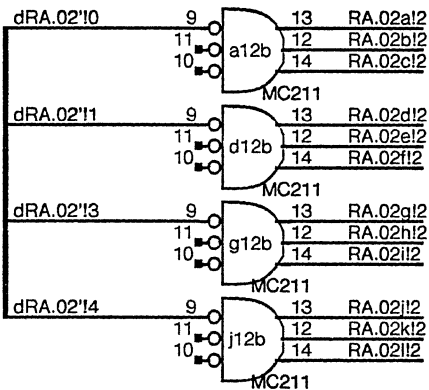
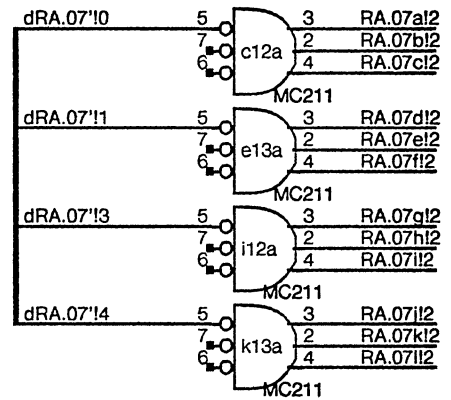
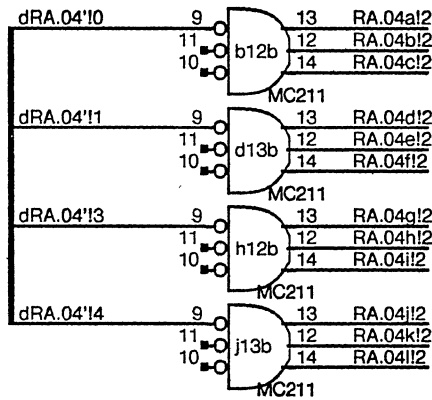
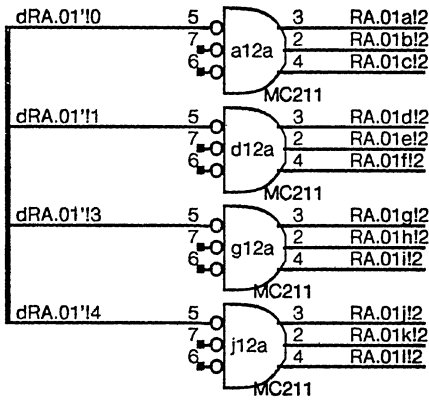




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- 178 BNPC.02
- 167 TNIA.03
- 183 BNPC.03

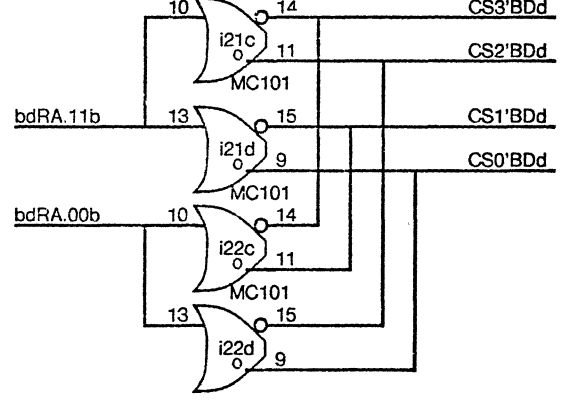
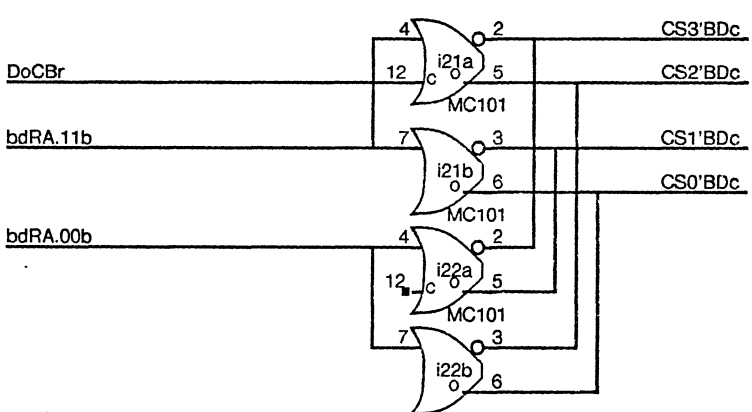
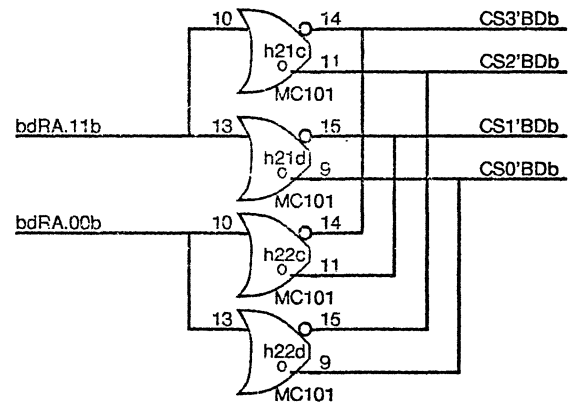
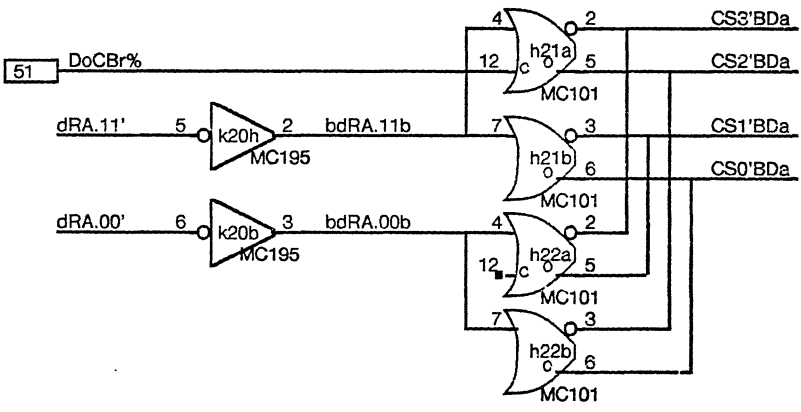
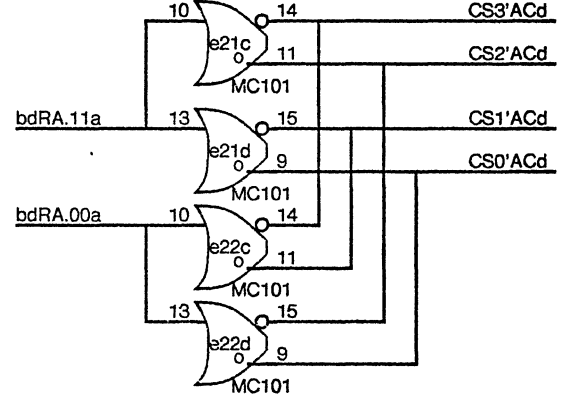
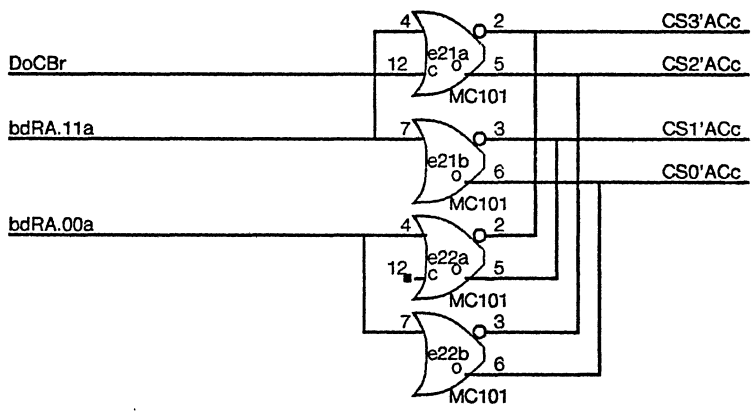
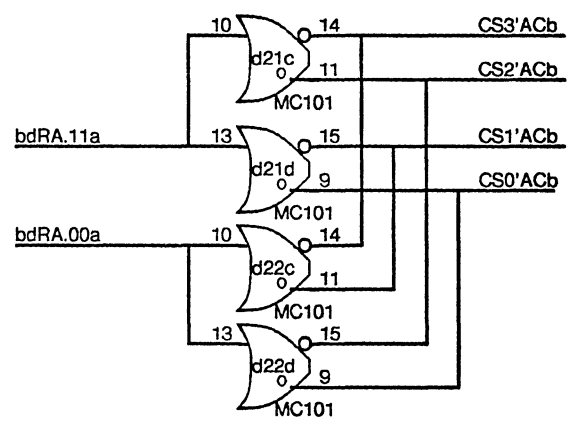
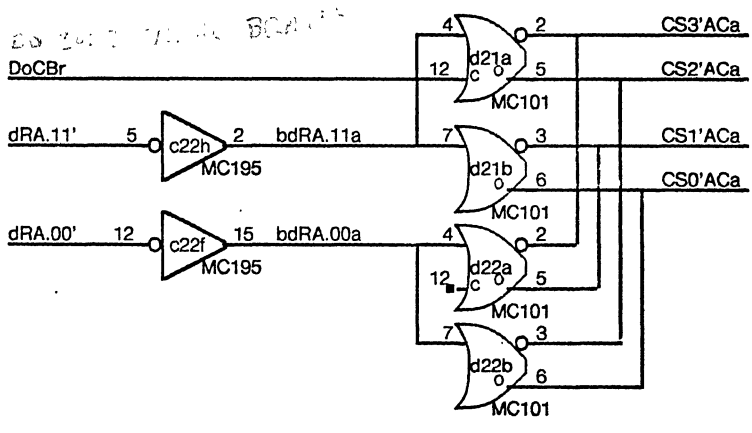
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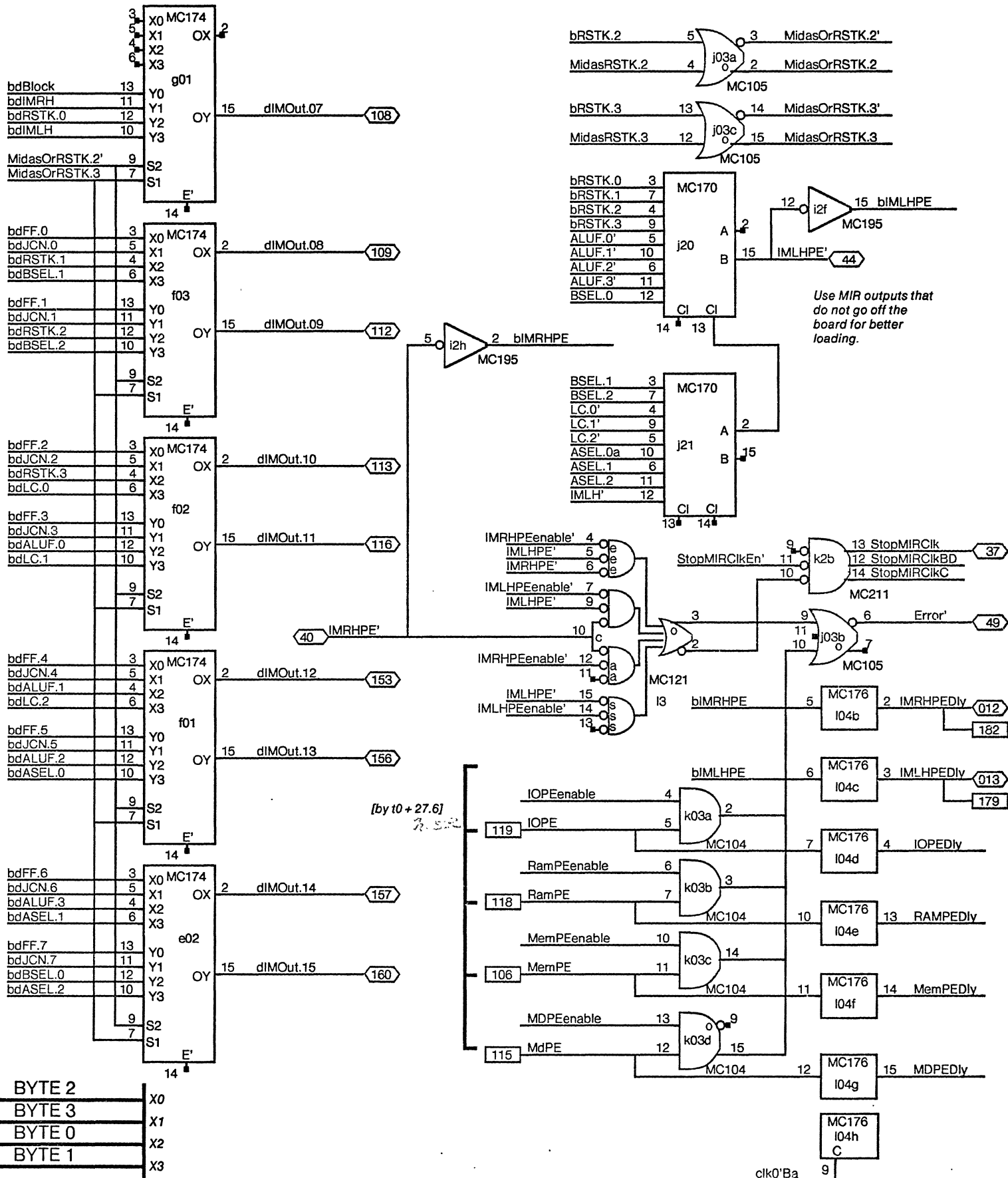




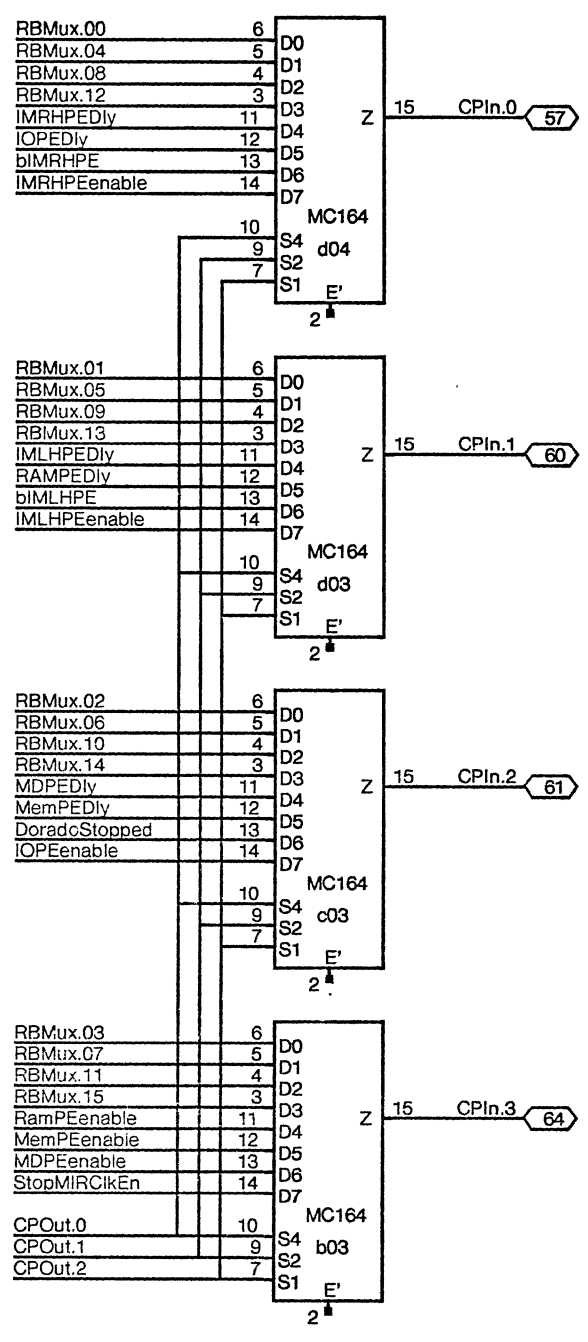
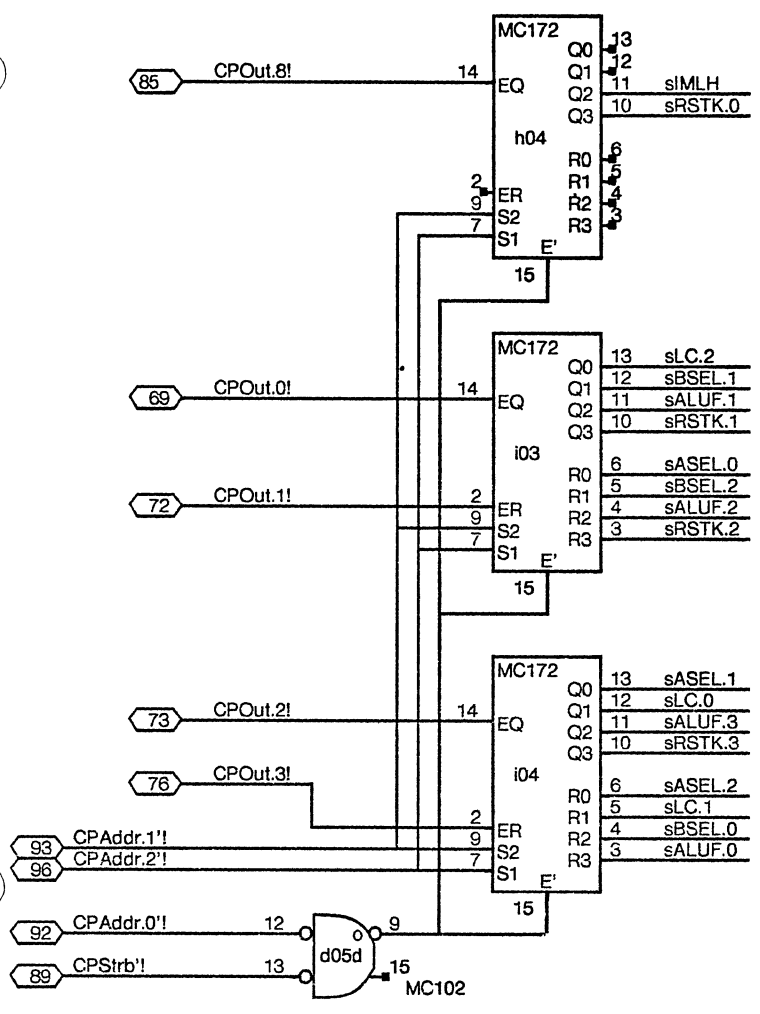
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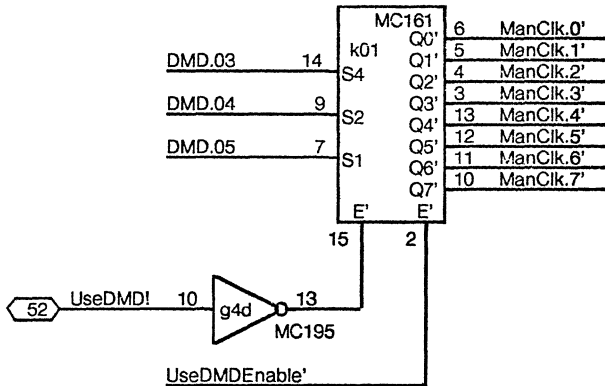
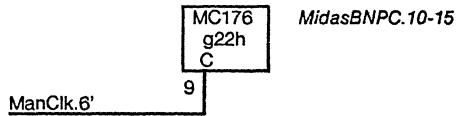
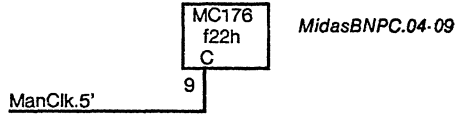
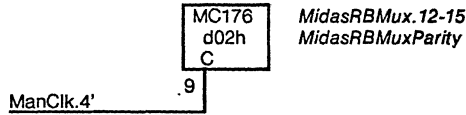
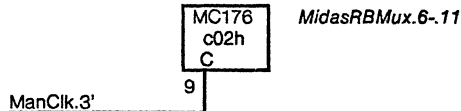
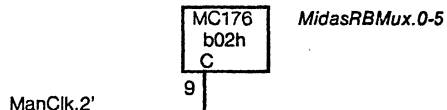
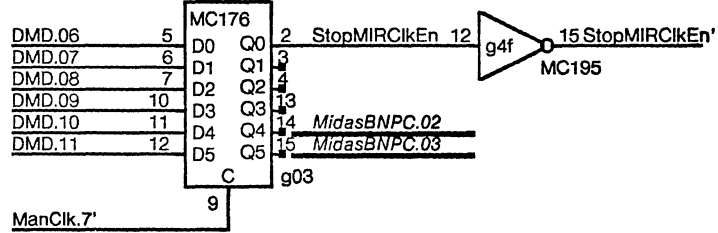
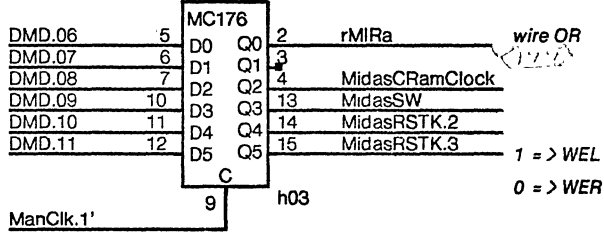
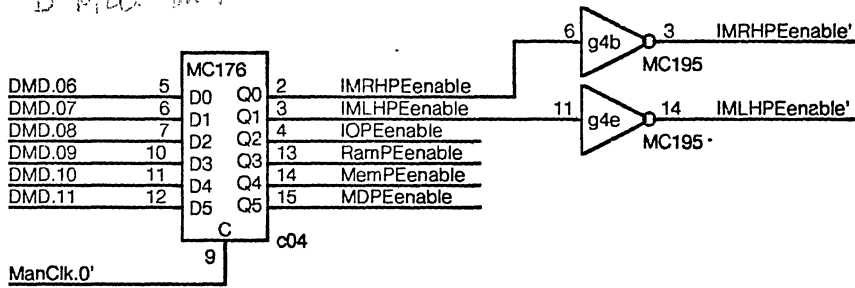
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1	0	1	IMLH	BSEL.1	BSEL.2	LC.0	LC.1	LC.2	ASEL.0	ASEL.1	ASEL.2
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3	1	1	IMRH	JCN.0	JCN.7						



CP  
REV

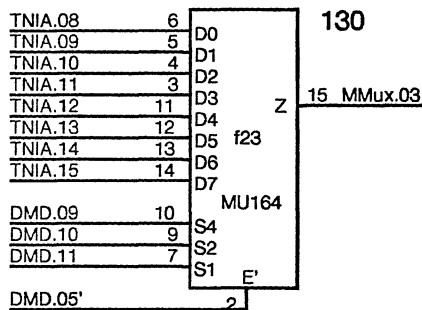
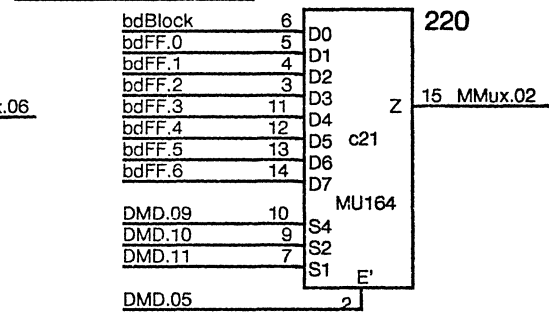
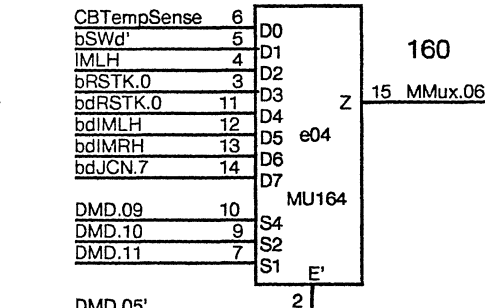
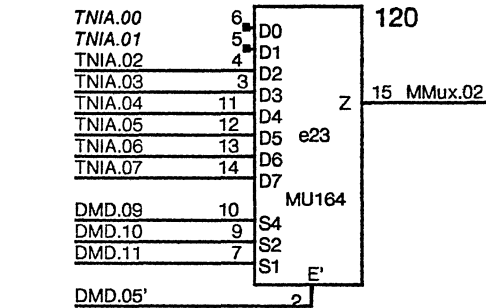
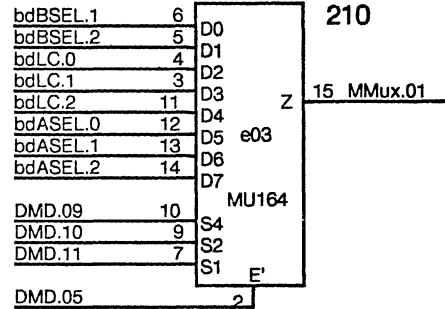
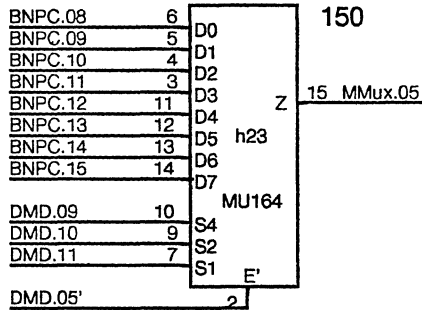
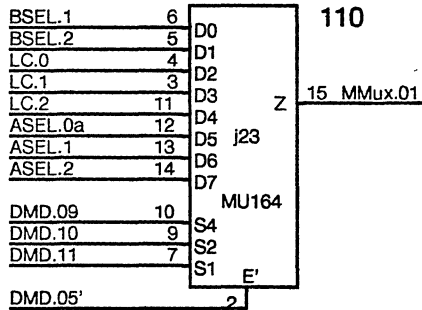
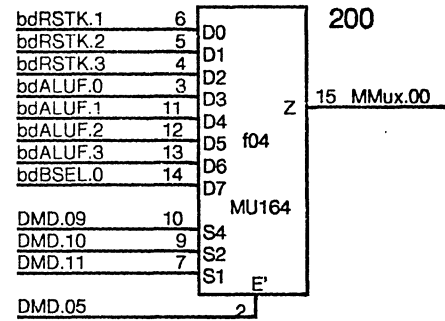
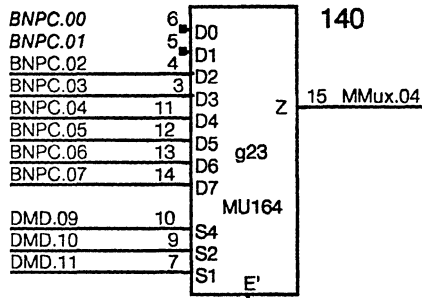
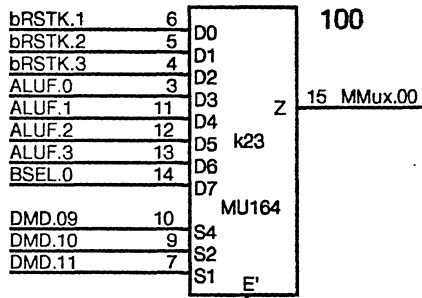


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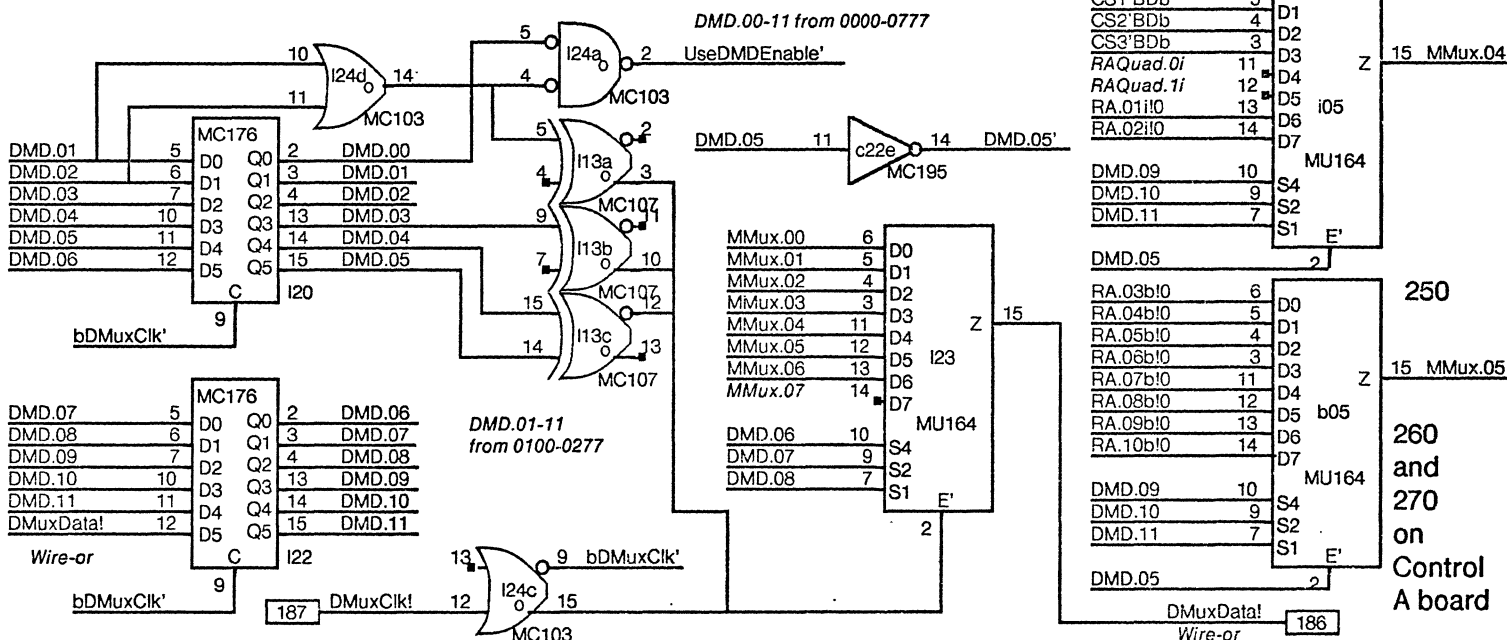
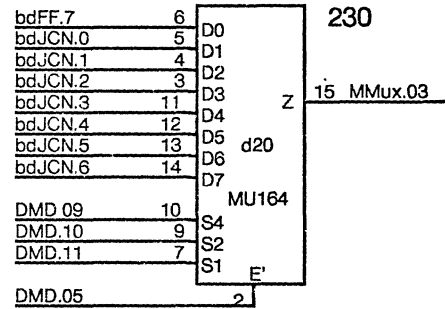


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	16	P16 I2
	8	P8 I2
Whatever	1	P1 SPARE
	16	P16 I5
	8	P8 I5
Whatever	1	P1 SPARE
	16	P16 I21
	8	P8 I21
Whatever	1	P1 SPARE
	16	P16 k22
	8	P8 k22
Whatever	1	P1 SPARE
	16	P16 h2
	8	P8 h2
Whatever	1	P1 SPARE
	16	P16 g2
	8	P8 g2
Whatever	1	P1 SPARE
	16	P16 g5
	8	P8 g5
Whatever	1	P1 SPARE
	16	P16 f13
	8	P8 f13
Whatever	1	P1 SPARE
	16	P16 b4
	8	P8 b4
Whatever	1	P1 SPARE
	16	P16 b20
	8	P8 b20
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Whatever	1	P1 SPARE
	16	P16 a1
	8	P8 a1

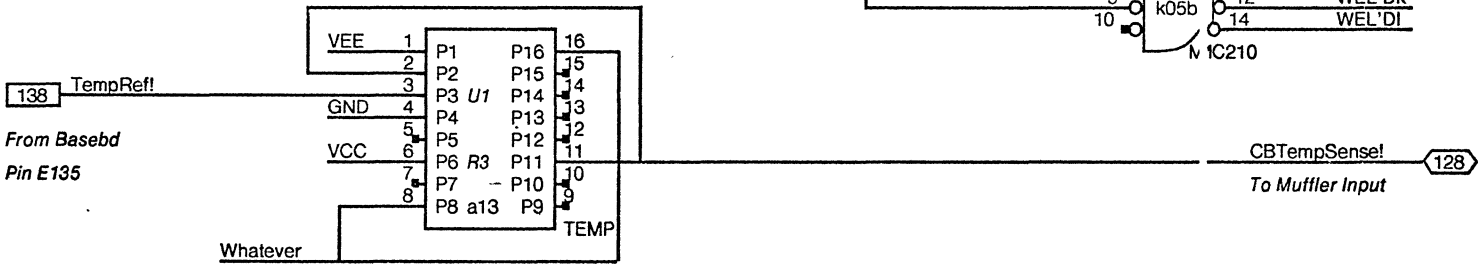
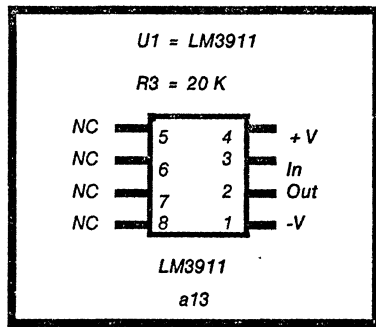
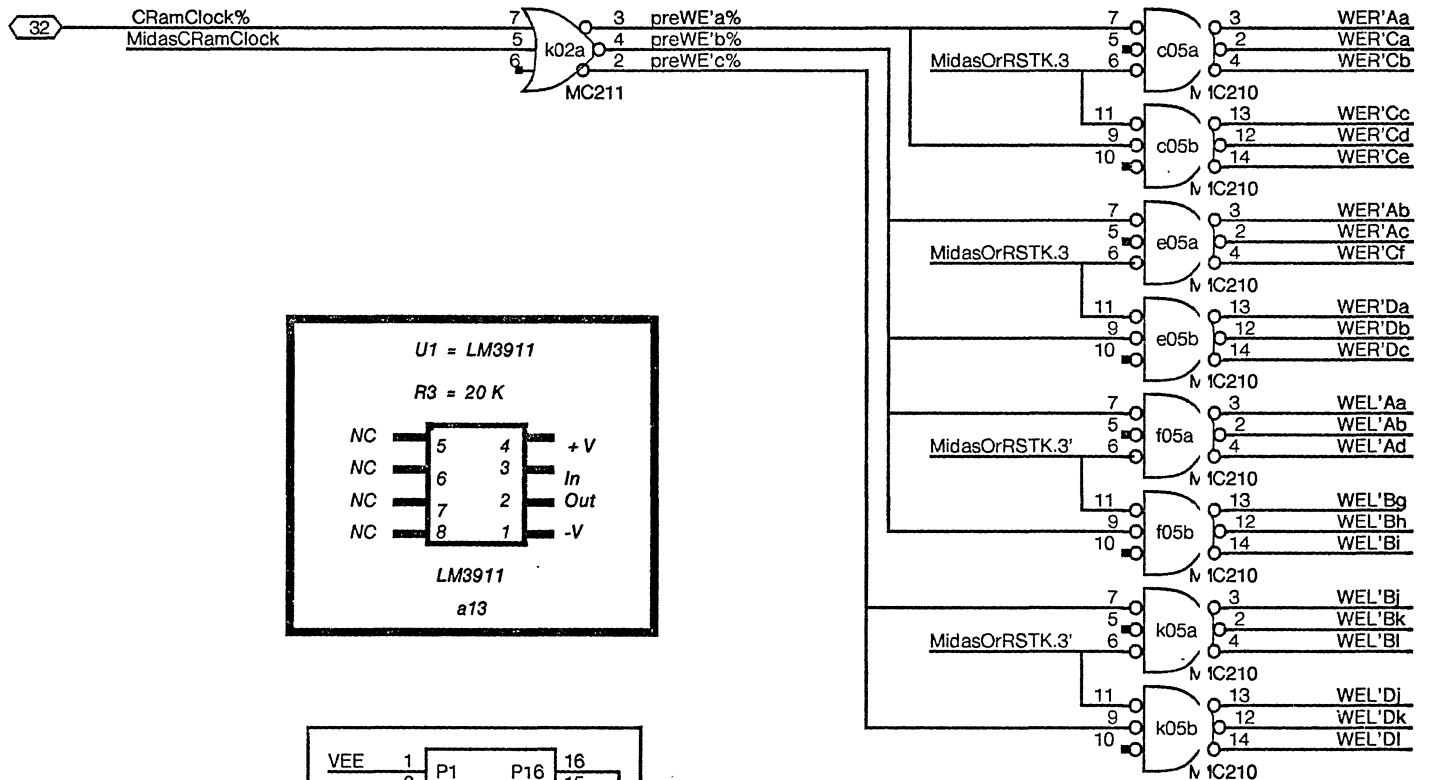
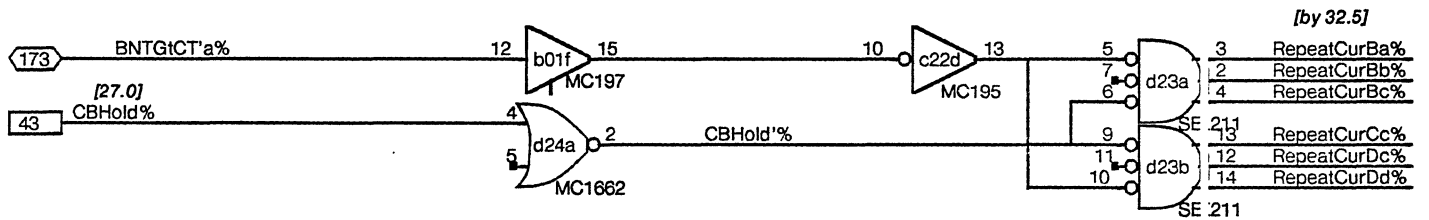
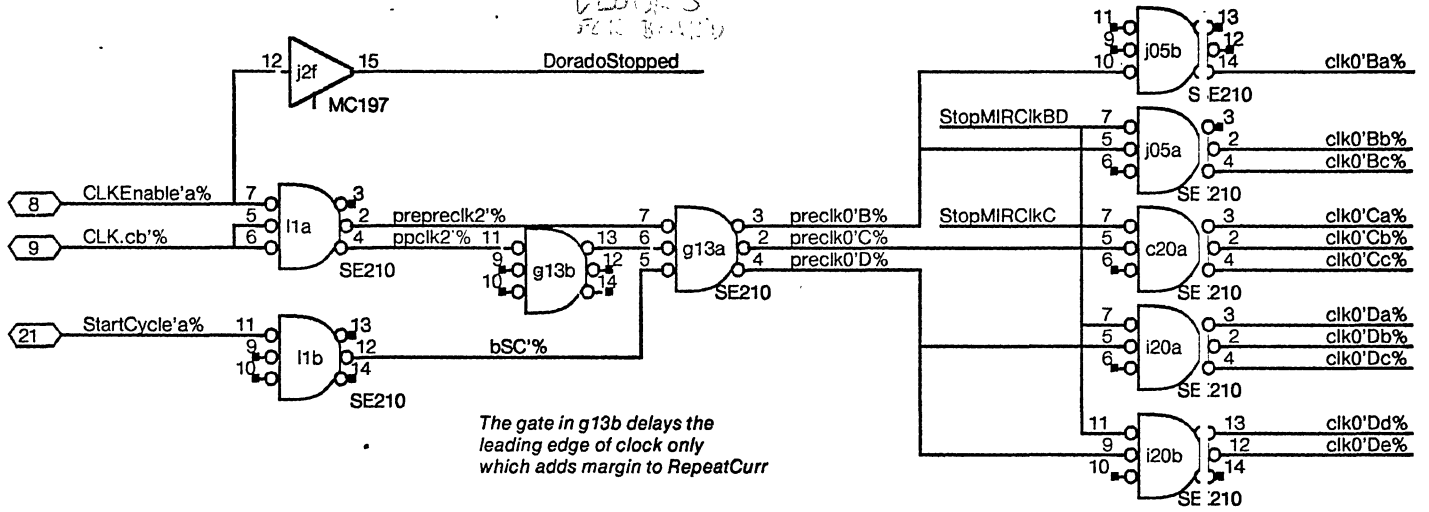
Multiwire spares



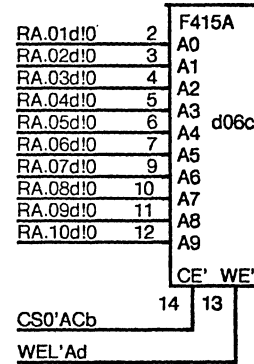
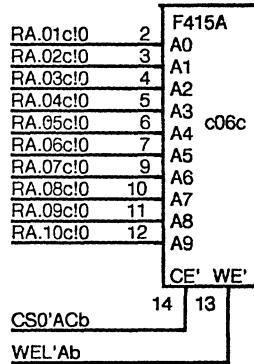
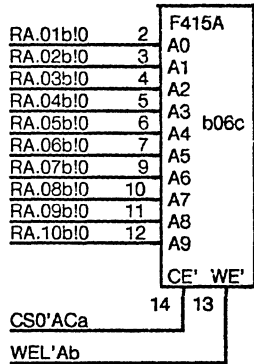
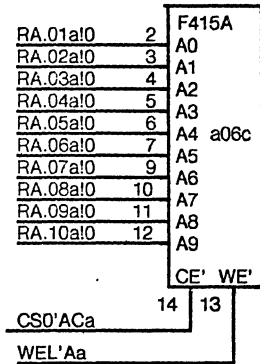
170  
on  
Control  
A board



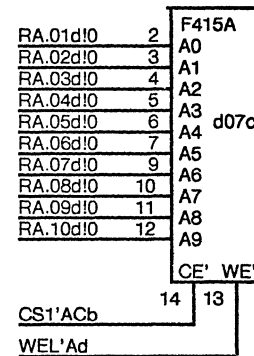
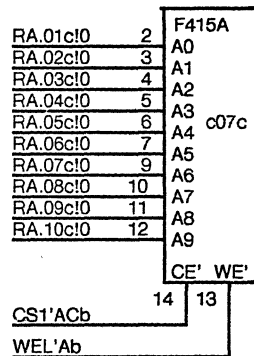
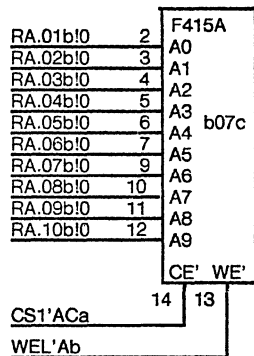
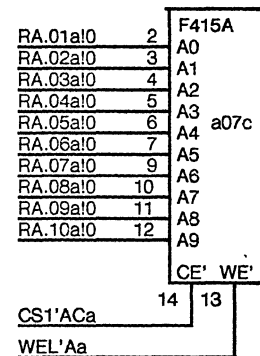
clocks  
for basebd



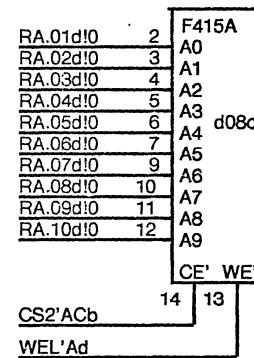
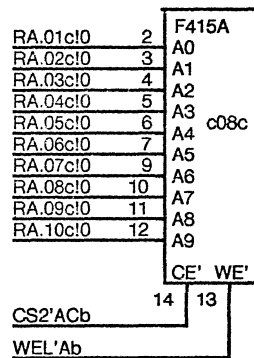
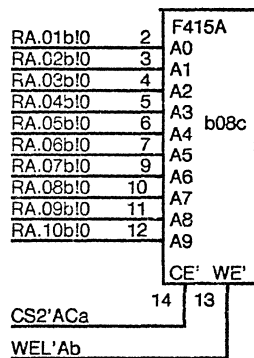
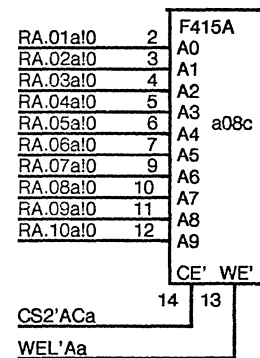
0 to 3777 Even



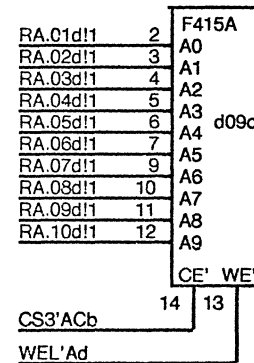
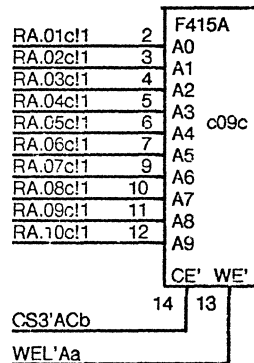
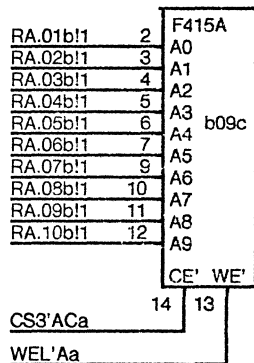
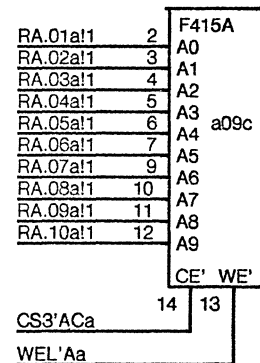
0 to 3777 Odd



4000 to 7777 Even



4000 to 7777 Odd

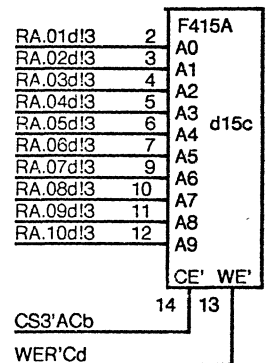
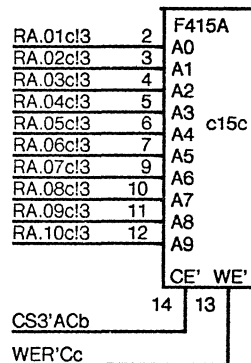
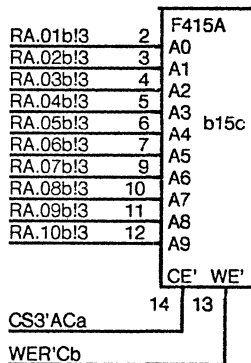
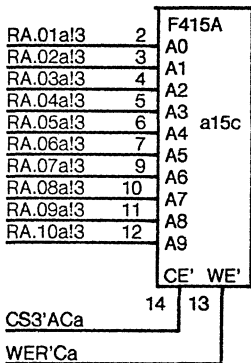
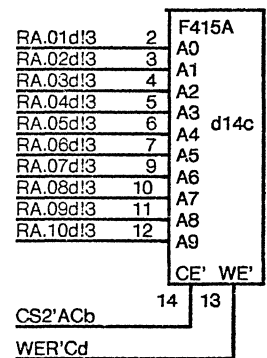
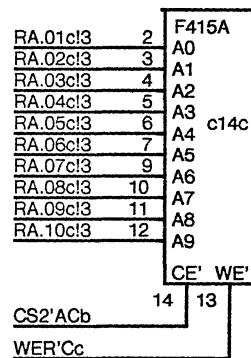
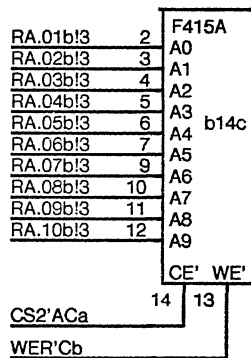
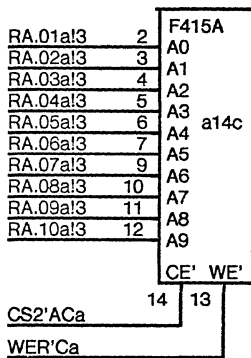
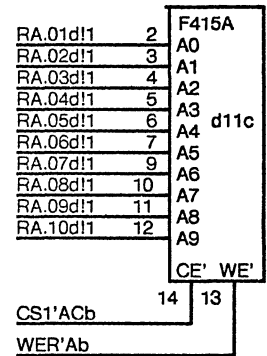
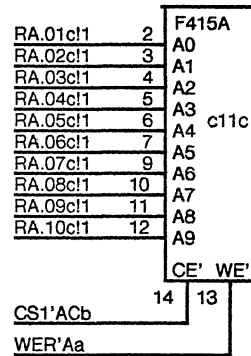
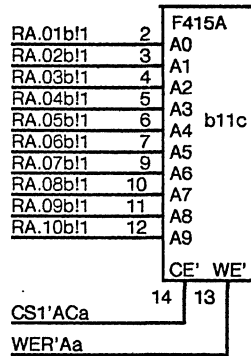
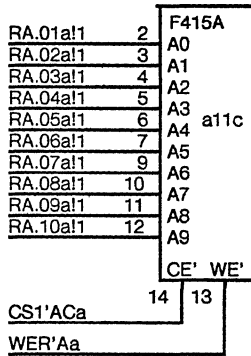
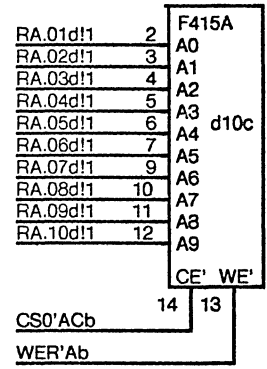
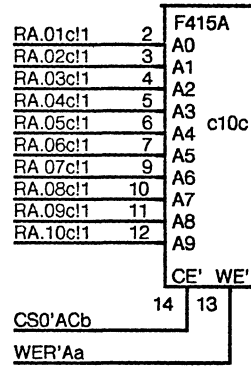
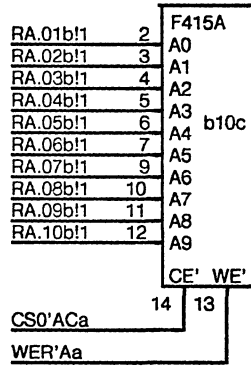
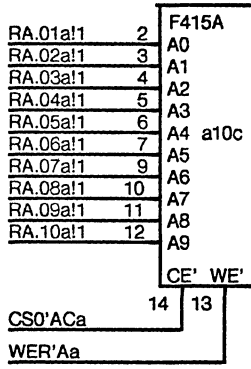


ASEL.0

ASEL.1

ASEL.2

IMLH



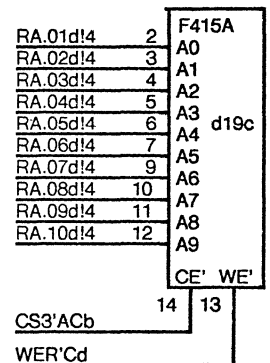
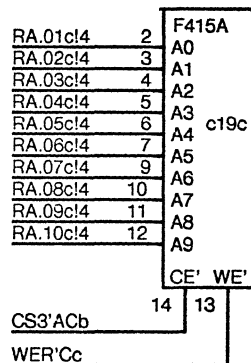
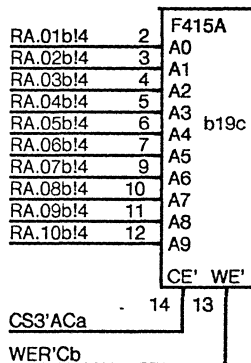
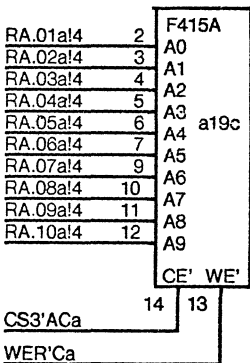
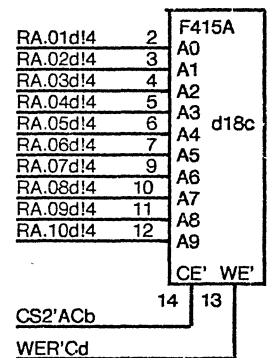
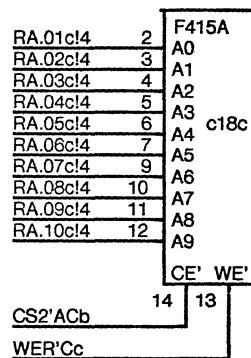
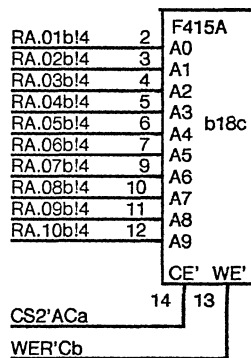
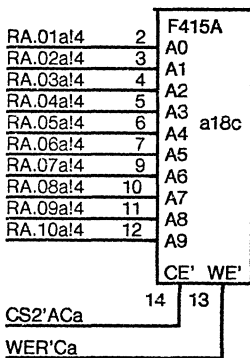
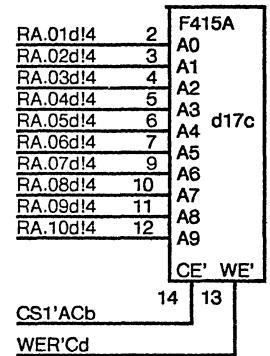
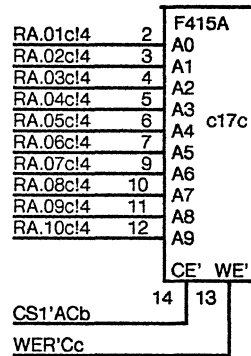
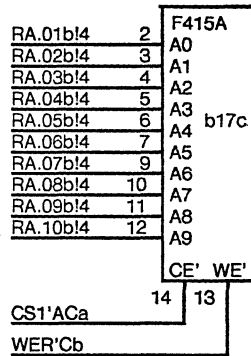
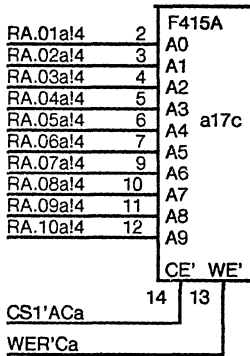
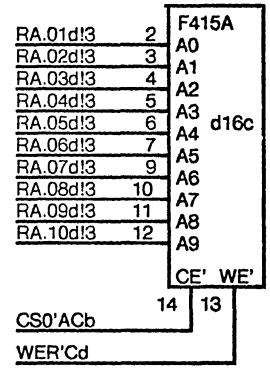
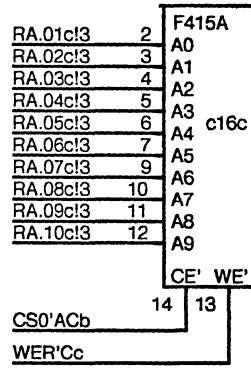
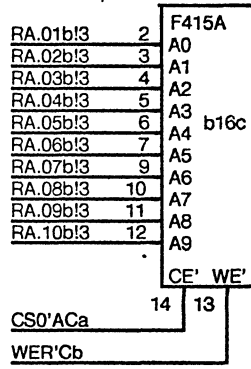
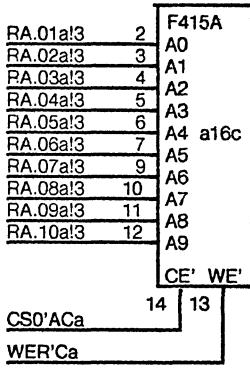
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FF.3



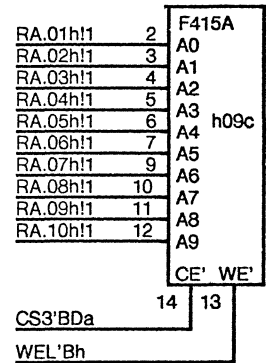
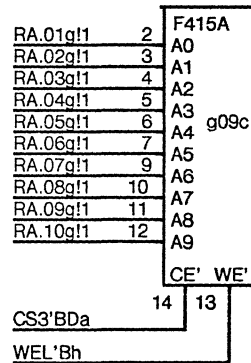
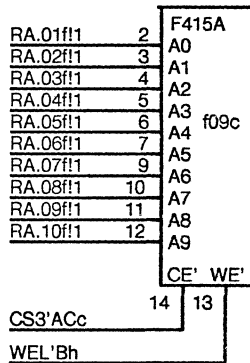
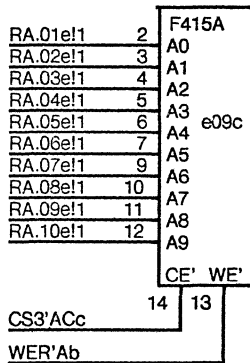
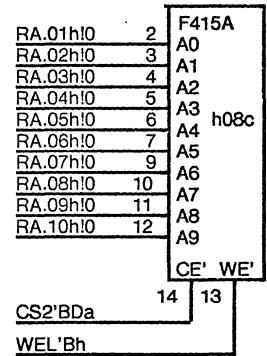
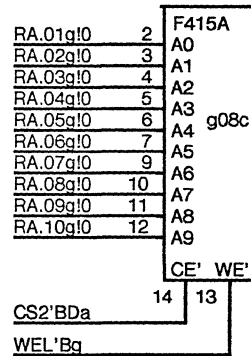
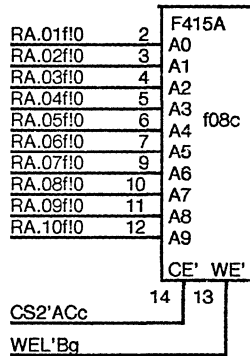
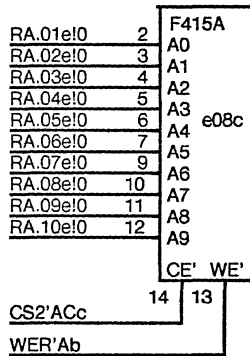
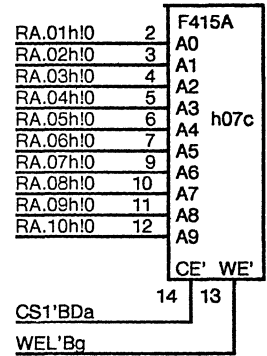
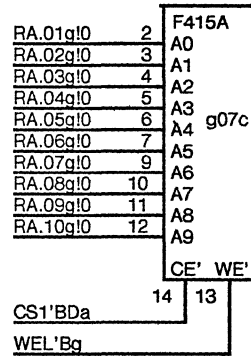
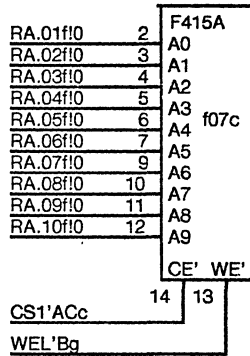
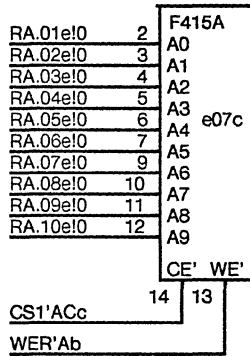
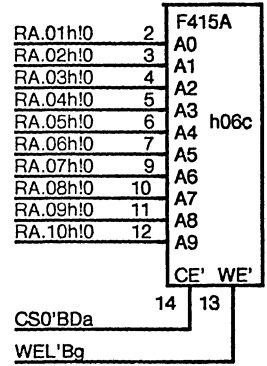
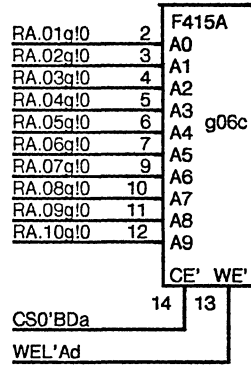
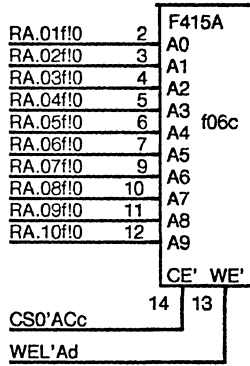
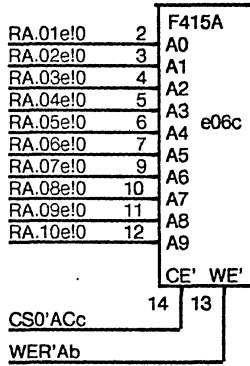


FF.4

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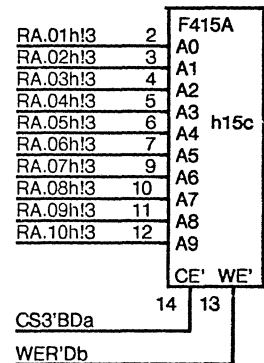
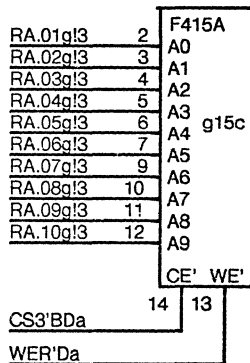
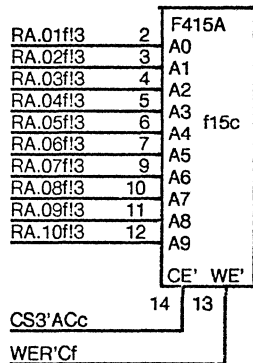
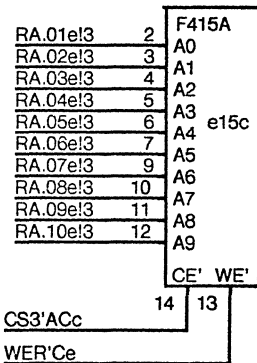
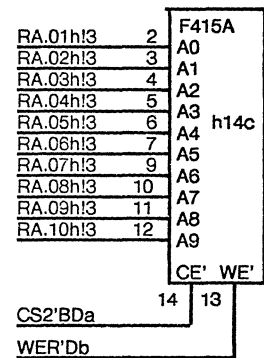
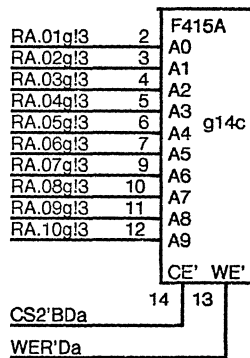
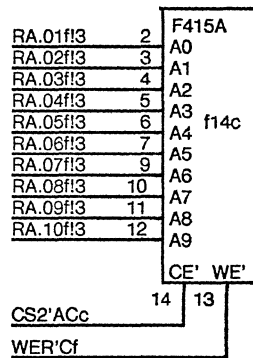
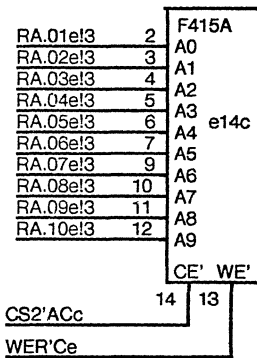
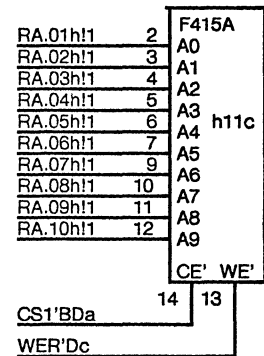
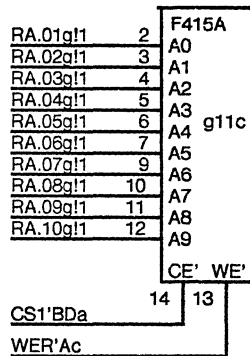
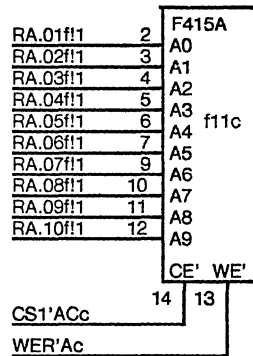
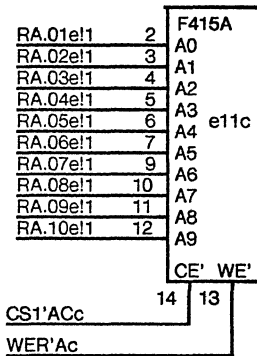
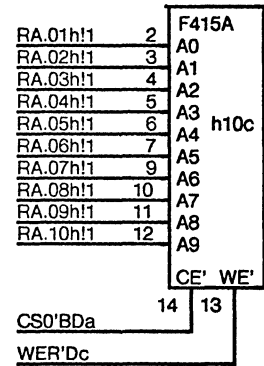
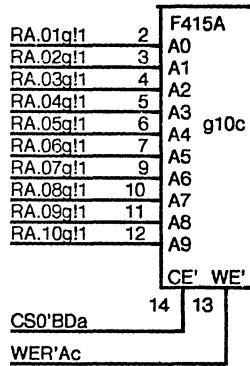
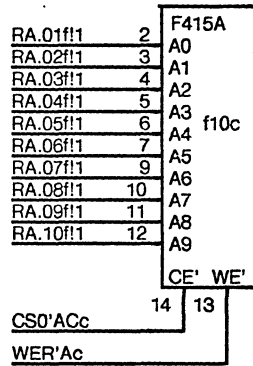
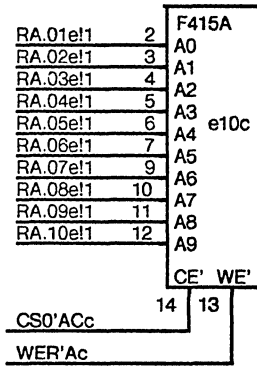


JCN.0

BSEL.0

BSEL.1

BSEL.2

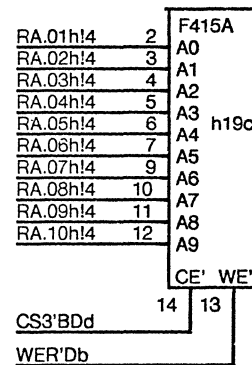
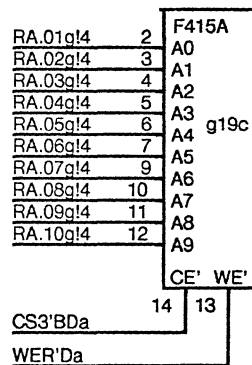
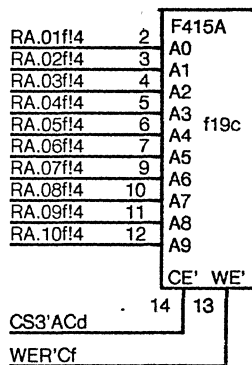
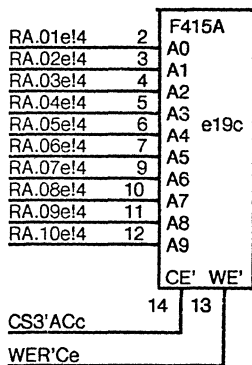
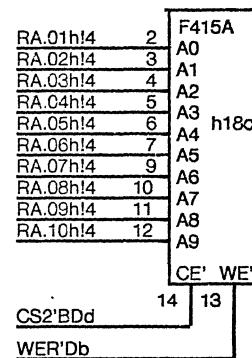
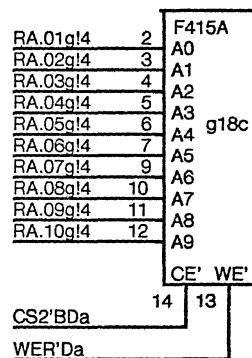
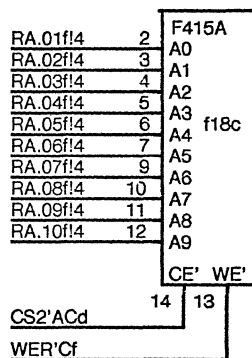
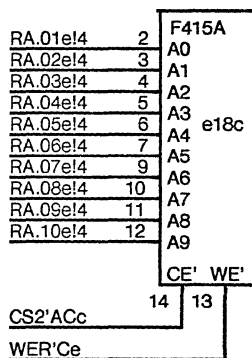
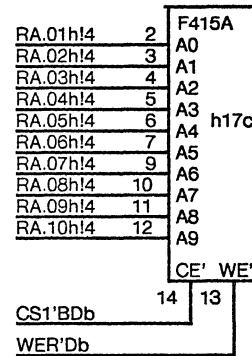
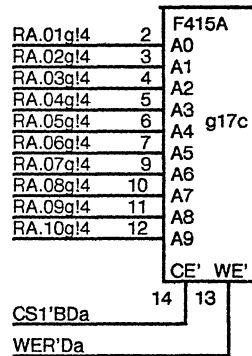
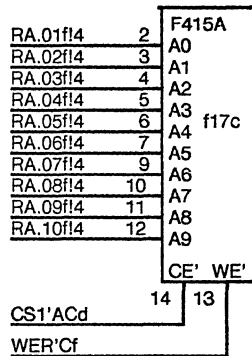
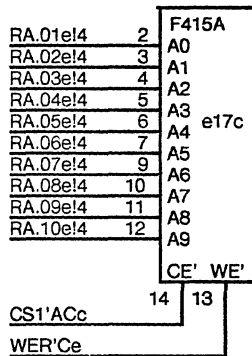
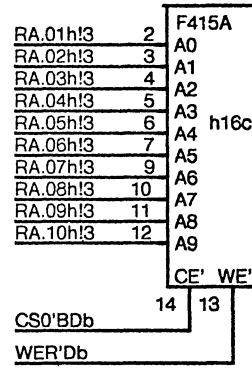
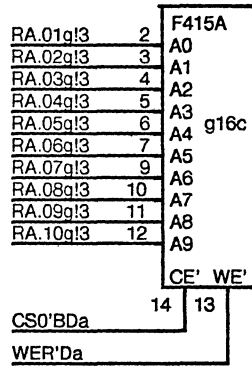
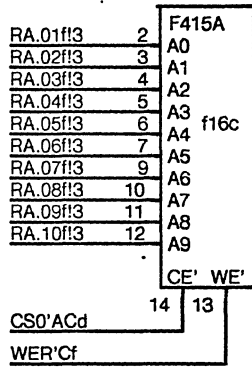
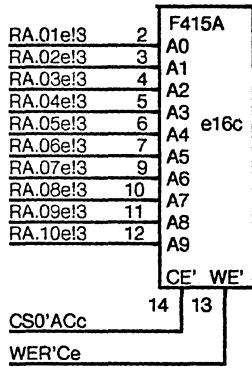


JCN.1

JCN.2

JCN.3

JCN.4

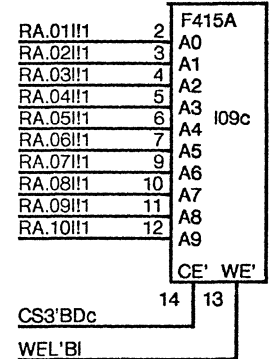
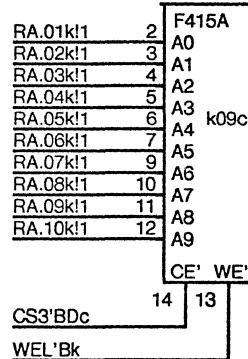
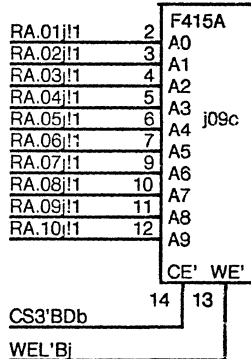
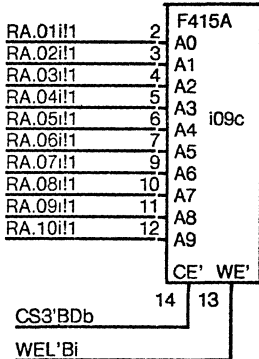
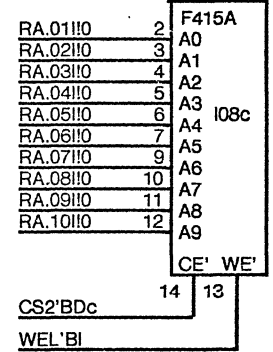
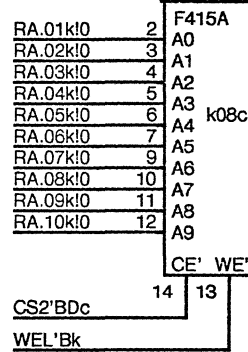
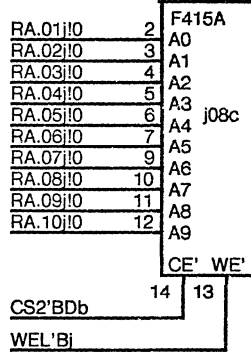
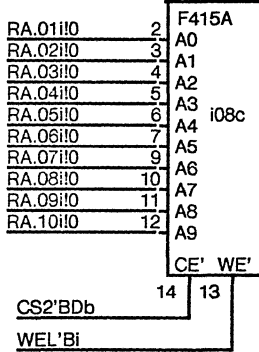
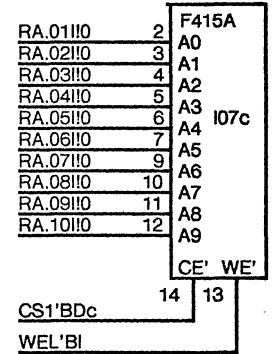
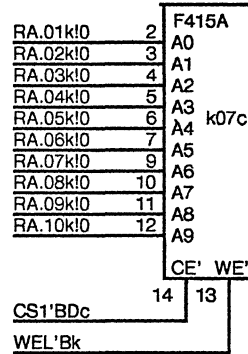
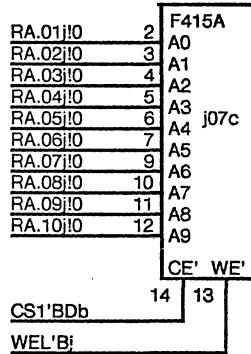
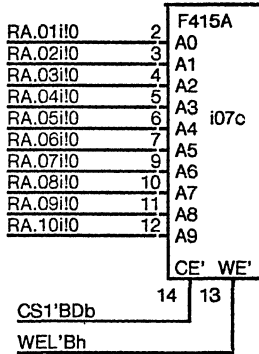
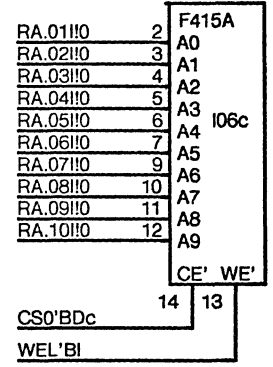
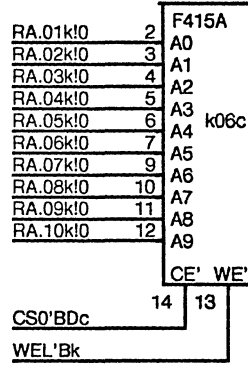
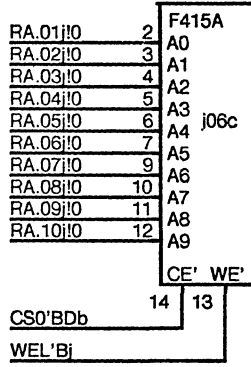
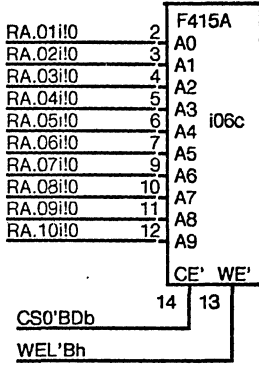


IMRH

BLK'

JCN.5

JCN.6

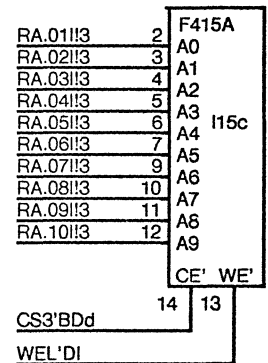
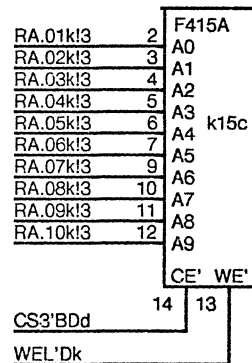
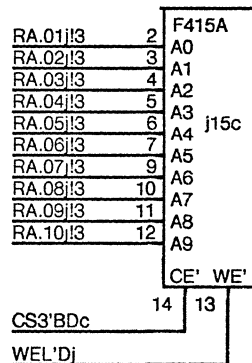
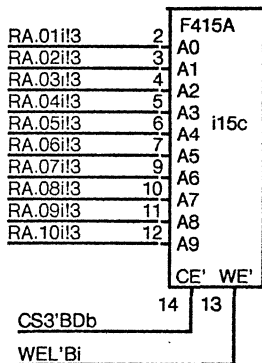
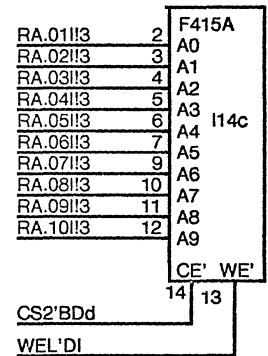
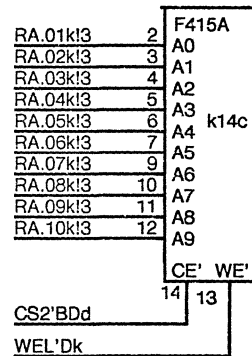
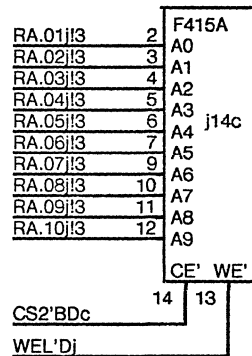
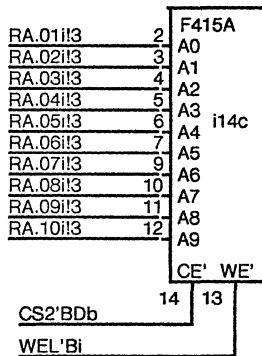
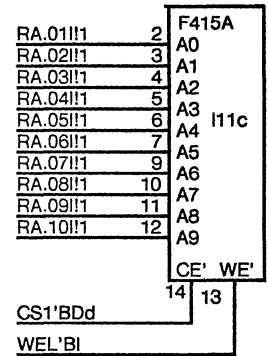
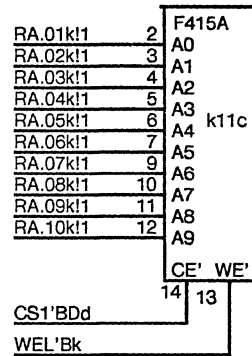
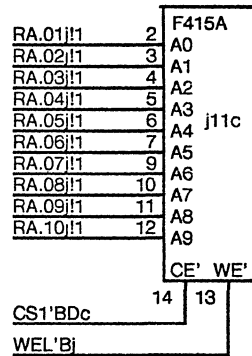
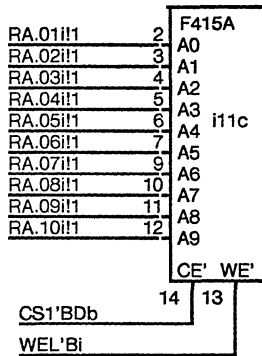
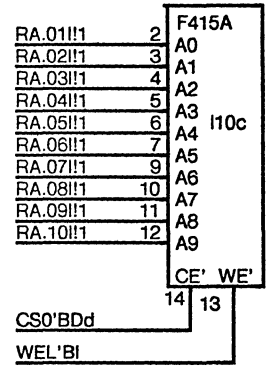
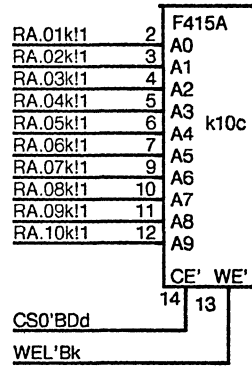
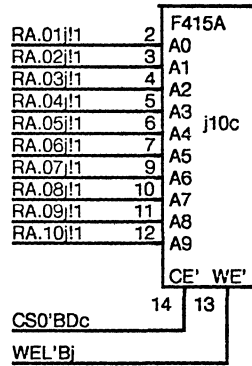
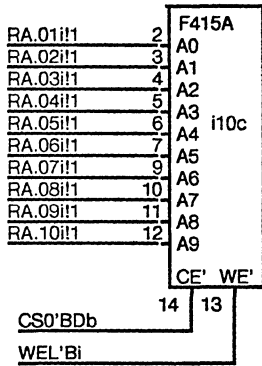


RSTK.0

RSTK.1

RSTK.2

RSTK.3

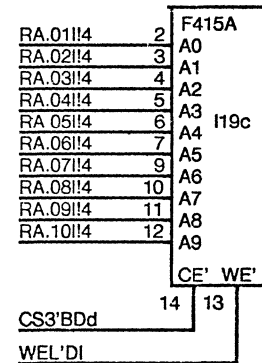
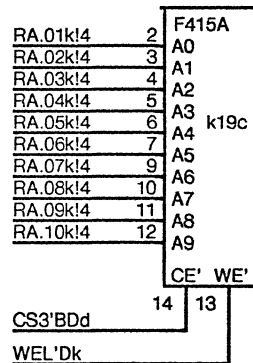
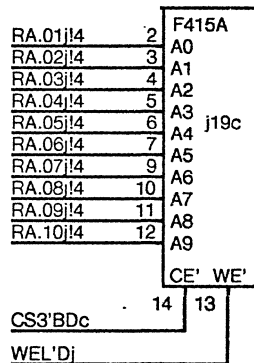
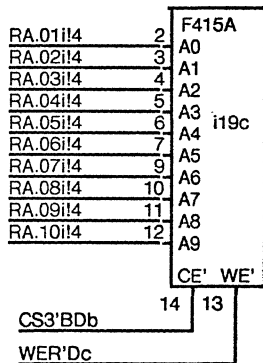
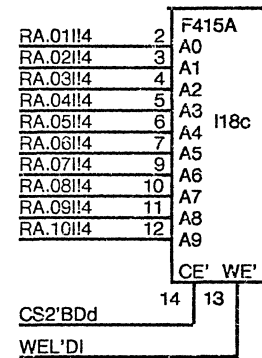
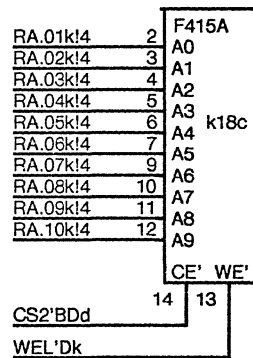
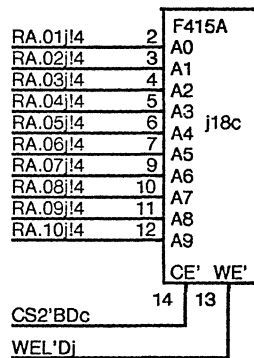
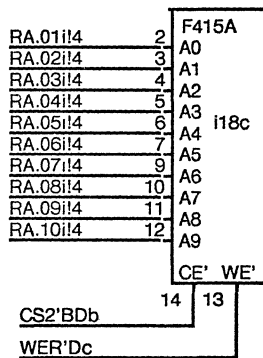
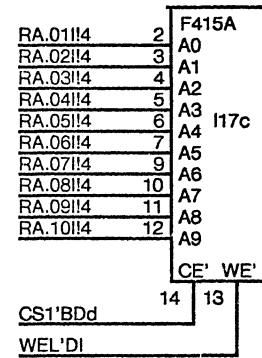
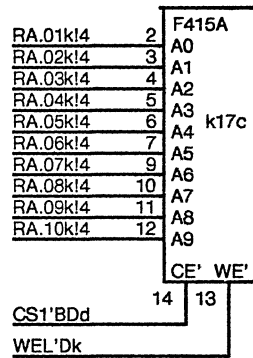
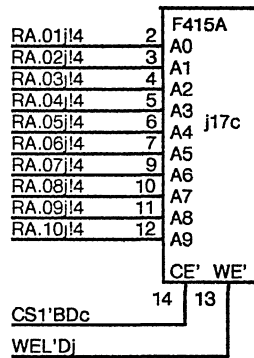
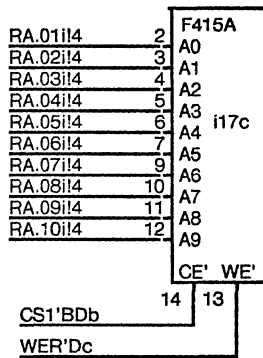
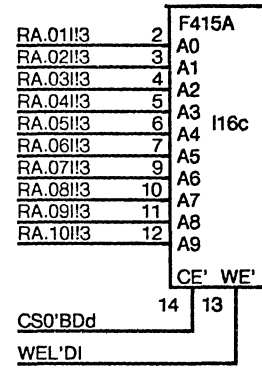
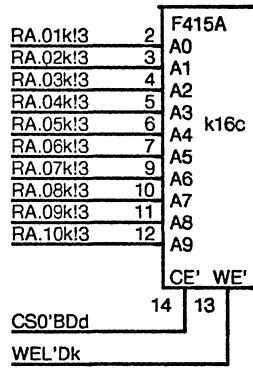
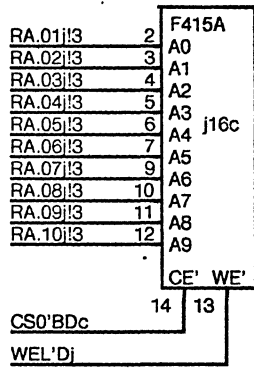
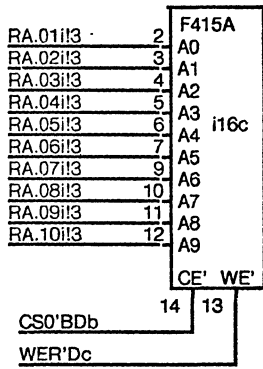


ALUF.0

ALUF.1

ALUF.2

ALUF.3



JCN.7

LC.0

LC.1

LC.2

A	a 181	b 168	c 153	d 137	e 124	f 109	93 g	80 h	64 i	48 j	33 k	20 l	B	
1		BMrcvr 1,1,1,1,1,1 197	BMrcvr 197 2	BMrcvr 3,3,3,3,3,f 197	PAR TREE 170 3	dIMOut 08 & 09 174 9	dIMOut 03 174 9	ASEL.0' 3,b mem 231	RSTK2-3 231 1	RSTK0-1 231 1	Man Clk 161 13	CLK 210 11	1	
2		ManClk2 1,1,1,1,1,2 176	ManClk3 2,2,2,2,2,3 176	ManClk4 b,3,3,3,3,3 176	dIMOut 10 & 11 174 9	dIMOut 06 & 07 174 9			1,1,1,1 9,9 195	bdRSTK.x 1,1,1,1, 197 11.h	CRAMClk 11,9 211		2	
3		CPI.3 164 10	CPI.2 164 10	CPI.1 164 10	MUbdxxx 164 12	dIMOut 04 & 05 174 9	ManClk.7 176 13	MidasSW 176 13	SetMIR 172 10	Err bRSTK 105 9	ERROR	STUFF 104 9 121 9	3	
4			PEEnbl 176 13	CPI.0 164 10	MU dXXX 164 12	MU dXXX 164 12	13,5,13 13,13,h 195	SetMIR 172 10	SetMIR 172 10			5*9,G 176 9	4	
5		MU RA 164 12	WER 'A & 'C 210 11	CBStrb/Par 3,b,c,10 102	WER 'A & 'D 210 11	WEL 'A & 'B 210 11		MUCPBús 164 12	MURA,CS 164 12	ClkO'Bx 11,b 210	WEL 'B & 'D 210 11		5	
6		F415A 0000 to 3777 Even		F415A 0	F415A 0		F415A 0			F415A 0			6	
7		ASEL 0000 to 3777 Odd		IMLH 1	JCN 1		BSEL 1			RSTK 1			7	
8		0 4000 to 7777 Even	1 2	2	0 2	0 2	1 2	2 2	0 2	1 2	2 2	3 2	8	
9		4000 to 7777 Odd		3	3	3	3	3	3	3	3	3	9	
10		0	0	0	0	0	0	0	0	0	0	0	10	
11		FF 1			JCN 1	JCN 1	JCN 1	JCN 1		ALUF 1			11	
12		RA 211 7	RA 211 7	RA 211 7	RA 211 7	RA 211 7	RA 211 7	RA 211 7	RA 211 7	RA 211 7	RA 211 7	RA 211 7	12	
13		TEMP SENSE	RA 211 7	RA 211 7	RA 211 7	RA 211 7	preClk0 11,b 210	RA 211 7	RA 211 7	RA 211 7	RA 211 7	Midas 107 12	13	
14		0 2	1 2	2 2	3 2	1 2	2 2	3 2	4 2	0 2	1 2	2 2	3 2	14
15		3	3	3	3	3	3	3	3	3	3	3	15	
16		F415A 0	F415A 0	F415A 0	F415A 0	F415A 0	F415A 0	F415A 0	F415A 0	F415A 0	F415A 0	F415A 0	16	
17		FF 1			IMRH 1	BLK' 1		JCN 1		LC 1			17	
18		4 2	5 2	6 2	7 2		5 2	6 2	7 2	0 2	1 2	2 2	18	
19		3	3	3	3	3	3	3	3	3	3	3	19	
20			CLKO'Cx 11,b 210	MUbdxxx 164 12	dRA 04' & 05' 1662 6	dRA 06' & 07' 1662 6	dRA 08' & 09' 1662 6	dRA 10' & 11' 1662 6	CLKO'Dx 210 11	PRITY 170 9	INV 8,7,4,d,e,8 195	Midas 176 12	20	
21			MUbdxxx 164 12	CSEL 101 8	CSEL 101 8	dRA 00' & 01' 1662 6	dRA 02' & 03' 1662 6	CSEL 101 8	CSEL 101 8	PRITY 170 9	MidasSW 101 11		21	
22		dXXXBuf 3,3,3,4,4,4 197	INV 8,4,4,11, 195 12,8	CSEL 101 8	CSEL 101 8	MidasBNPC ManClk5 176 6	MidasBNPC ManClk6 176 6	CSEL 101 8	CSEL 101 8	dXXXBuf 1,1,2,2,e,f 197		Midas 176 12	22	
23		Local ASEL 3,c 231	dXXXBuf 4,4,4,4,5 197 4	RepeatCur 211 11	TNIA MU 164 12	TNIA MU 164 12	BNPC MU 164 12	BNPC MU 164 12	dXXXBuf 2,2,3,3,2,2 197 2	MU MIR 164 12	MU MIR 164 12	Midas 164 12	23	
24		ASEL 0-1 231 3	ASEL 2 IMLH 231 3	b,c,d CbHold 1662 11	dXXXBuf 197 5	dXXXBuf 5,5,3,4,e,f 197 5	BSEL 0-1 231 2	BSEL2,LC0 231 2	LC 1-2 231 3	ALUF 0-1 231 1	ALUF 2-3 231 2	12,b,12 ,12 103	24	
C	a .11	b 26	c 39	d 55	e 70	f 86	99 g	114 h	129 i	143 j	159 k	174 l	D	



Page Numbers: Yes First Page: 1  
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 ContB-Rev-Cd.ps  
 COMPONENTS:

F415A:	1	2	3	4	5	14
	15	16	17	18	19	20
	21	22				
MC101:	7	8				
MC102:	3	10				
MC103:	12					
MC104:	9					
MC105:	9					
MC107:	12					
MC121:	9					
MC161:	11					
MC164:	10					
MC1662:	6	13				
MC170:	3	9				
MC172:	10					
MC174:	9					
MC176:	1	2	3	6	9	11
	12					
MC195:	1	4	5	7	8	9
	11	12	13			
MC197:	1	2	3	4	5	13
MC210:	13					
MC211:	7	9	13			
MC231:	1	2	3			
MU164:	12					
SE210:	13					
SE211:	13					
SPARE:	11					
TEMP:	13					

## SIGNAL NAMES:

+	1(1)	2(1)	3(1)	4(1)	5(1)	6(1)
	7(1)	8(1)	9(1)	10(1)	11(1)	12(1)
	13(1)	14(1)	15(1)	16(1)	17(1)	18(1)
	19(1)	20(1)	21(1)	22(1)		
ALUF.0:	12(1)					
ALUF.0!:	1(1)					
ALUF.0':	1(1)	9(1)				
ALUF.1:	12(1)					
ALUF.1!:	1(1)					
ALUF.1':	1(1)	9(1)				
ALUF.2:	12(1)					
ALUF.2!:	2(1)					
ALUF.2':	2(1)	9(1)				
ALUF.3:	12(1)					
ALUF.3!:	2(1)					
ALUF.3':	2(1)	9(1)				
ASEL.0:	3(1)					
ASEL.0':	3(1)					
ASEL.0'a:	3(1)					
ASEL.0'mem:	3(1)					
ASEL.0a:	3(1)	9(1)	12(1)			
ASEL.1:	3(1)	9(1)	12(1)			
ASEL.1'!:	3(1)					
ASEL.2:	3(1)	9(1)	12(1)			
ASEL.2'!:	3(1)					
bdALUF.0:	1(1)	9(1)	12(1)			
bdALUF.1:	1(1)	9(1)	12(1)			
bdALUF.2:	2(1)	9(1)	12(1)			
bdALUF.3:	2(1)	9(1)	12(1)			
bdASEL.0:	3(1)	9(1)	12(1)			
bdASEL.1:	3(1)	9(1)	12(1)			
bdASEL.2:	3(1)	9(1)	12(1)			
bdBlock:	4(1)	9(1)	12(1)			
bdBSEL.0:	2(1)	9(1)	12(1)			
bdBSEL.1:	2(1)	9(1)	12(1)			
bdBSEL.2:	2(1)	9(1)	12(1)			
bdFF.0:	4(1)	9(1)	12(1)			

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bdFF.2:	4(1)	9(1)	12(1)	
bdFF.3:	4(1)	9(1)	12(1)	
bdFF.4:	4(1)	9(1)	12(1)	
bdFF.5:	4(1)	9(1)	12(1)	
bdFF.6:	4(1)	9(1)	12(1)	
bdFF.7:	4(1)	9(1)	12(1)	
bdIMLH:	3(1)	9(1)	12(1)	
bdIMRH:	5(1)	9(1)	12(1)	
bdJCN.0:	5(1)	9(1)	12(1)	
bdJCN.1:	5(1)	9(1)	12(1)	
bdJCN.2:	5(1)	9(1)	12(1)	
bdJCN.3:	5(1)	9(1)	12(1)	
bdJCN.4:	5(1)	9(1)	12(1)	
bdJCN.5:	5(1)	9(1)	12(1)	
bdJCN.6:	5(1)	9(1)	12(1)	
bdJCN.7:	5(1)	9(1)	12(1)	
bdLC.0:	2(1)	9(1)	12(1)	
bdLC.1:	3(1)	9(1)	12(1)	
bdLC.2:	3(1)	9(1)	12(1)	
bDMuxC1k':	12(3)			
bdRA.00a:	8(4)			
bdRA.00b:	8(4)			
bdRA.11a:	8(4)			
bdRA.11b:	8(4)			
bdRSTK.0:	1(1)	9(1)	12(1)	
bdRSTK.1:	1(1)	9(1)	12(1)	
bdRSTK.2:	1(1)	9(1)	12(1)	
bdRSTK.3:	1(1)	9(1)	12(1)	
bIMLHPE:	9(2)	10(1)		
bIMRHPE:	9(2)	10(1)		
BMux.00:	1(1)			
BMux.01:	1(1)			
BMux.02:	1(1)			
BMux.03:	1(1)			
BMux.04:	1(1)			
BMux.05:	2(1)			
BMux.06:	2(1)			
BMux.07:	2(1)			
BMux.08:	2(1)			
BMux.09:	2(1)			
BMux.10:	2(1)			
BMux.11:	3(1)			
BMux.12:	3(1)			
BMux.13:	3(1)			
BMux.14:	3(1)			
BMux.15:	3(1)			
BMux.16:	3(1)			
BMux.17:	3(1)			
BNPC.02:	6(1)	12(1)		
BNPC.03:	6(1)	12(1)		
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BNPC.06:	6(1)	12(1)		
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BNPC.09:	6(1)	12(1)		
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BNPC.11:	6(1)	12(1)		
BNPC.12:	6(1)	12(1)		
BNPC.13:	6(1)	12(1)		
BNPC.14:	6(1)	12(1)		
BNPC.15:	6(1)	12(1)		
BNTgtCT'a%:	13(1)			
brSTK.0:	1(1)	9(1)	12(1)	
brSTK.1:	1(1)	3(1)	9(1)	12(1)
brSTK.2:	1(1)	9(2)	12(1)	
brSTK.3:	1(1)	9(2)	12(1)	
bSC' %:	13(1)			
BSEL.0:	2(1)	9(1)	12(1)	
BSEL.0'!:	2(1)			
BSEL.1:	2(1)	9(1)	12(1)	
BSEL.1'!:	2(1)			
BSEL.2:	2(1)	9(1)	12(1)	
BSEL.2'!:	2(1)			
bSWd':	7(1)	12(1)		

CBHold%:	13(1)				
CBHold'%:	13(1)				
CBTempSense:	12(1)				
CBTempSense!:	13(1)				
CLK.cb'%:	13(1)				
clk0'Ba:	9(1)				
clk0'Ba%:	13(1)				
clk0'Bb:	1(2)	3(1)			
clk0'Bb%:	13(1)				
clk0'Bc:	1(2)				
clk0'Bc%:	13(1)				
clk0'Ca:	3(1)				
clk0'Ca%:	13(1)				
clk0'Cb:	3(2)				
clk0'Cb%:	13(1)				
clk0'Cc:	3(2)				
clk0'Cc%:	13(1)				
clk0'Da:	2(2)				
clk0'Da%:	13(1)				
clk0'Db:	2(2)				
clk0'Db%:	13(1)				
clk0'Dc:	3(2)				
clk0'Dc%:	13(1)				
clk0'Dd:	2(2)				
clk0'Dd%:	13(1)				
clk0'De:	1(2)				
clk0'De%:	13(1)				
CLKEnable'a%:	13(1)				
CPAddr.0'!:	10(1)				
CPAddr.1'!:	10(1)				
CPAddr.2'!:	10(1)				
CPIIn.0:	10(1)				
CPIIn.1:	10(1)				
CPIIn.2:	10(1)				
CPIIn.3:	10(1)				
CPOut.0:	10(1)				
CPOut.0!:	10(1)				
CPOut.1:	10(1)				
CPOut.1!:	10(1)				
CPOut.2:	10(1)				
CPOut.2!:	10(1)				
CPOut.3!:	10(1)				
CPOut.8!:	10(1)				
CPStrb'!:	10(1)				
CRamClock%:	13(1)				
CS0'ACa:	8(1)	14(2)	15(2)	16(2)	
CS0'ACb:	8(1)	14(2)	15(2)	16(2)	
CS0'ACc:	8(1)	17(2)	18(2)	19(1)	
CS0'ACd:	8(1)	19(1)			
CS0'BDa:	8(1)	17(2)	18(2)	19(1)	
CS0'BDb:	8(1)	12(1)	19(1)	20(2)	21(1) 22(1)
CS0'BDc:	8(1)	20(2)	21(1)	22(1)	
CS0'BDd:	8(1)	21(2)	22(2)		
CS1'ACa:	8(1)	14(2)	15(2)	16(2)	
CS1'ACb:	8(1)	14(2)	15(2)	16(2)	
CS1'ACc:	8(1)	17(2)	18(2)	19(1)	
CS1'ACd:	8(1)	19(1)			
CS1'BDa:	8(1)	17(2)	18(2)	19(1)	
CS1'BDb:	8(1)	12(1)	19(1)	20(2)	21(1) 22(1)
CS1'BDc:	8(1)	20(2)	21(1)	22(1)	
CS1'BDd:	8(1)	21(2)	22(2)		
CS2'ACa:	8(1)	14(2)	15(2)	16(2)	
CS2'ACb:	8(1)	14(2)	15(2)	16(2)	
CS2'ACc:	8(1)	17(2)	18(2)	19(1)	
CS2'ACd:	8(1)	19(1)			
CS2'BDa:	8(1)	17(2)	18(2)	19(1)	
CS2'BDb:	8(1)	12(1)	20(2)	21(1)	22(1)
CS2'BDc:	8(1)	20(2)	21(1)	22(1)	
CS2'BDd:	8(1)	19(1)	21(2)	22(2)	
CS3'ACa:	8(1)	14(2)	15(2)	16(2)	
CS3'ACb:	8(1)	14(2)	15(2)	16(2)	
CS3'ACc:	8(1)	17(2)	18(2)	19(1)	
CS3'ACd:	8(1)	19(1)			
CS3'BDa:	8(1)	17(2)	18(2)	19(1)	
CS3'BDb:	8(1)	12(1)	20(2)	21(1)	22(1)
CS3'BDc:	8(1)	20(2)	21(1)	22(1)	

CS3'BDD:	8(1)	19(1)	21(2)	22(2)		
dALUF.0:	1(1)					
dALUF.1:	1(1)					
dALUF.2:	2(1)					
dALUF.3:	2(1)					
dASEL.0:	3(3)					
dASEL.1:	3(1)					
dASEL.2:	3(1)					
dBlock':	4(1)					
dBSEL.0:	2(1)					
dBSEL.1:	2(1)					
dBSEL.2:	2(1)					
dFF.0:	4(1)					
dFF.1:	4(1)					
dFF.2:	4(1)					
dFF.3:	4(1)					
dFF.4:	4(1)					
dFF.5:	4(1)					
dFF.6:	4(1)					
dFF.7:	4(1)					
dIMLH:	3(1)					
dIMOut.07:	9(1)					
dIMOut.08:	9(1)					
dIMOut.09:	9(1)					
dIMOut.10:	9(1)					
dIMOut.11:	9(1)					
dIMOut.12:	9(1)					
dIMOut.13:	9(1)					
dIMOut.14:	9(1)					
dIMOut.15:	9(1)					
dIMRH:	5(1)					
dJCN.0:	5(1)					
dJCN.1:	5(1)					
dJCN.2:	5(1)					
dJCN.3:	5(1)					
dJCN.4:	5(1)					
dJCN.5:	5(1)					
dJCN.6:	5(1)					
dJCN.7:	5(1)					
dLC.0:	2(1)					
dLC.1:	3(1)					
dLC.2:	3(1)					
DMD.00:	12(1)					
DMD.01:	12(2)					
DMD.02:	12(2)					
DMD.03:	11(1)	12(2)				
DMD.04:	11(1)	12(2)				
DMD.05:	11(1)	12(9)				
DMD.05':	12(8)					
DMD.06:	1(1)	2(1)	3(1)	6(2)	11(3)	12(3)
DMD.07:	1(1)	2(1)	3(1)	6(2)	11(3)	12(3)
DMD.08:	1(1)	2(1)	3(1)	6(2)	11(3)	12(3)
DMD.09:	1(1)	2(1)	3(1)	6(2)	11(3)	12(15)
DMD.10:	1(1)	2(1)	3(1)	6(2)	11(3)	12(15)
DMD.11:	2(1)	3(1)	6(2)	11(3)	12(15)	
DMuxClk!:	12(1)					
DMuxData!:	12(2)					
DoCBr:	8(3)					
DoCBr%:	8(1)					
DoradoStopped:	10(1)	13(1)				
dRA.00':	6(1)	8(2)				
dRA.01'10:	7(1)					
dRA.01'11:	7(1)					
dRA.01'12:	6(1)					
dRA.01'13:	7(1)					
dRA.01'14:	7(1)					
dRA.02'10:	7(1)					
dRA.02'11:	7(1)					
dRA.02'12:	6(1)					
dRA.02'13:	7(1)					
dRA.02'14:	7(1)					
dRA.03'10:	7(1)					
dRA.03'11:	7(1)					
dRA.03'12:	6(1)					
dRA.03'13:	7(1)					
dRA.03'14:	7(1)					

dRA.04'!0:	7(1)					
dRA.04'!1:	7(1)					
dRA.04'!2:	6(1)					
dRA.04'!3:	7(1)					
dRA.04'!4:	7(1)					
dRA.05'!0:	7(1)					
dRA.05'!1:	7(1)					
dRA.05'!2:	6(1)					
dRA.05'!3:	7(1)					
dRA.05'!4:	7(1)					
dRA.06'!0:	7(1)					
dRA.06'!1:	7(1)					
dRA.06'!2:	6(1)					
dRA.06'!3:	7(1)					
dRA.06'!4:	7(1)					
dRA.07'!0:	7(1)					
dRA.07'!1:	7(1)					
dRA.07'!2:	6(1)					
dRA.07'!3:	7(1)					
dRA.07'!4:	7(1)					
dRA.08'!0:	7(1)					
dRA.08'!1:	7(1)					
dRA.08'!2:	6(1)					
dRA.08'!3:	7(1)					
dRA.08'!4:	7(1)					
dRA.09'!0:	7(1)					
dRA.09'!1:	7(1)					
dRA.09'!2:	6(1)					
dRA.09'!3:	7(1)					
dRA.09'!4:	7(1)					
dRA.10'!0:	7(1)					
dRA.10'!1:	7(1)					
dRA.10'!2:	6(1)					
dRA.10'!3:	7(1)					
dRA.10'!4:	7(1)					
dRA.11':	6(1)	8(2)				
dRSTK.0:	1(1)					
dRSTK.1:	1(1)					
dRSTK.2:	1(1)					
dRSTK.3:	1(1)					
Error':	9(1)					
Gnd:	1(1)	2(1)	3(1)	4(1)	5(1)	6(1)
	7(1)	8(1)	9(1)	10(1)	11(1)	12(1)
	13(1)	14(1)	15(1)	16(1)	17(1)	18(1)
	19(1)	20(1)	21(1)	22(1)		
GND:	13(1)					
IMLH:	3(1)	12(1)				
IMLH':	3(1)	9(1)				
IMLHPE':	9(4)					
IMLHPEDly:	9(1)	10(1)				
IMLHPEenable:	10(1)	11(1)				
IMLHPEenable':	9(2)	11(1)				
IMRHPE':	9(2)					
IMRHPEDly:	9(1)	10(1)				
IMRHPEenable:	10(1)	11(1)				
IMRHPEenable':	9(2)	11(1)				
IOPE:	9(1)					
IOPEDly:	9(1)	10(1)				
IOPEenable:	9(1)	10(1)	11(1)			
LC.0:	12(1)					
LC.0!:	2(1)					
LC.0':	2(1)	9(1)				
LC.1:	12(1)					
LC.1!:	3(1)					
LC.1':	3(1)	9(1)				
LC.2:	12(1)					
LC.2!:	3(1)					
LC.2':	3(1)	9(1)				
ManClk.0':	11(2)					
ManClk.1':	11(2)					
ManClk.2':	11(2)					
ManClk.3':	11(2)					
ManClk.4':	11(2)					
ManClk.5':	11(2)					
ManClk.6':	11(2)					
ManClk.7':	11(2)					

MdPE:	9(1)			
MDPEDly:	9(1)	10(1)		
MDPEenable:	9(1)	10(1)	11(1)	
MemPE:	9(1)			
MemPEDly:	9(1)	10(1)		
MemPEenable:	9(1)	10(1)	11(1)	
MidasCRamClock:	11(1)	13(1)		
MidasOrRSTK.2:	1(1)	3(1)	4(1)	9(1)
MidasOrRSTK.2':	9(2)			
MidasOrRSTK.3:	9(2)	13(2)		
MidasOrRSTK.3':	9(1)	13(2)		
MidasRSTK.2:	9(1)	11(1)		
MidasRSTK.3:	9(1)	11(1)		
MidasSW:	3(1)	7(1)	11(1)	
MMux.00:	12(3)			
MMux.01:	12(3)			
MMux.02:	12(3)			
MMux.03:	12(3)			
MMux.04:	12(3)			
MMux.05:	12(3)			
MMux.06:	12(2)			
ppclk2'%:	13(1)			
preclk0'B%:	13(1)			
preclk0'C%:	13(1)			
preclk0'D%:	13(1)			
prepreclk2'%:	13(1)			
preWE'a%:	13(1)			
preWE'b%:	13(1)			
preWE'c%:	13(1)			
RA.01a!0:	14(3)			
RA.01a!1:	14(1)	15(2)		
RA.01a!2:	7(1)			
RA.01a!3:	15(2)	16(1)		
RA.01a!4:	16(3)			
RA.01b!0:	14(3)			
RA.01b!1:	14(1)	15(2)		
RA.01b!2:	7(1)			
RA.01b!3:	15(2)	16(1)		
RA.01b!4:	16(3)			
RA.01c!0:	14(3)			
RA.01c!1:	14(1)	15(2)		
RA.01c!2:	7(1)			
RA.01c!3:	15(2)	16(1)		
RA.01c!4:	16(3)			
RA.01d!0:	14(3)			
RA.01d!1:	14(1)	15(2)		
RA.01d!2:	7(1)			
RA.01d!3:	15(2)	16(1)		
RA.01d!4:	16(3)			
RA.01e!0:	17(3)			
RA.01e!1:	17(1)	18(2)		
RA.01e!2:	7(1)			
RA.01e!3:	18(2)	19(1)		
RA.01e!4:	19(3)			
RA.01f!0:	17(3)			
RA.01f!1:	17(1)	18(2)		
RA.01f!2:	7(1)			
RA.01f!3:	18(2)	19(1)		
RA.01f!4:	19(3)			
RA.01g!0:	17(3)			
RA.01g!1:	17(1)	18(2)		
RA.01g!2:	7(1)			
RA.01g!3:	18(2)	19(1)		
RA.01g!4:	19(3)			
RA.01h!0:	17(3)			
RA.01h!1:	17(1)	18(2)		
RA.01h!2:	7(1)			
RA.01h!3:	18(2)	19(1)		
RA.01h!4:	19(3)			
RA.01i!0:	12(1)	20(3)		
RA.01i!1:	20(1)	21(2)		
RA.01i!2:	7(1)			
RA.01i!3:	21(2)	22(1)		
RA.01i!4:	22(3)			
RA.01j!0:	20(3)			
RA.01j!1:	20(1)	21(2)		

RA.01j!2:	7(1)	
RA.01j!3:	21(2)	22(1)
RA.01j!4:	22(3)	
RA.01k!0:	20(3)	
RA.01k!1:	20(1)	21(2)
RA.01k!2:	7(1)	
RA.01k!3:	21(2)	22(1)
RA.01k!4:	22(3)	
RA.01l!0:	20(3)	
RA.01l!1:	20(1)	21(2)
RA.01l!2:	7(1)	
RA.01l!3:	21(2)	22(1)
RA.01l!4:	22(3)	
RA.02a!0:	14(3)	
RA.02a!1:	14(1)	15(2)
RA.02a!2:	7(1)	
RA.02a!3:	15(2)	16(1)
RA.02a!4:	16(3)	
RA.02b!0:	14(3)	
RA.02b!1:	14(1)	15(2)
RA.02b!2:	7(1)	
RA.02b!3:	15(2)	16(1)
RA.02b!4:	16(3)	
RA.02c!0:	14(3)	
RA.02c!1:	14(1)	15(2)
RA.02c!2:	7(1)	
RA.02c!3:	15(2)	16(1)
RA.02c!4:	16(3)	
RA.02d!0:	14(3)	
RA.02d!1:	14(1)	15(2)
RA.02d!2:	7(1)	
RA.02d!3:	15(2)	16(1)
RA.02d!4:	16(3)	
RA.02e!0:	17(3)	
RA.02e!1:	17(1)	18(2)
RA.02e!2:	7(1)	
RA.02e!3:	18(2)	19(1)
RA.02e!4:	19(3)	
RA.02f!0:	17(3)	
RA.02f!1:	17(1)	18(2)
RA.02f!2:	7(1)	
RA.02f!3:	18(2)	19(1)
RA.02f!4:	19(3)	
RA.02g!0:	17(3)	
RA.02g!1:	17(1)	18(2)
RA.02g!2:	7(1)	
RA.02g!3:	18(2)	19(1)
RA.02g!4:	19(3)	
RA.02h!0:	17(3)	
RA.02h!1:	17(1)	18(2)
RA.02h!2:	7(1)	
RA.02h!3:	18(2)	19(1)
RA.02h!4:	19(3)	
RA.02i!0:	12(1)	20(3)
RA.02i!1:	20(1)	21(2)
RA.02i!2:	7(1)	
RA.02i!3:	21(2)	22(1)
RA.02i!4:	22(3)	
RA.02j!0:	20(3)	
RA.02j!1:	20(1)	21(2)
RA.02j!2:	7(1)	
RA.02j!3:	21(2)	22(1)
RA.02j!4:	22(3)	
RA.02k!0:	20(3)	
RA.02k!1:	20(1)	21(2)
RA.02k!2:	7(1)	
RA.02k!3:	21(2)	22(1)
RA.02k!4:	22(3)	
RA.02l!0:	20(3)	
RA.02l!1:	20(1)	21(2)
RA.02l!2:	7(1)	
RA.02l!3:	21(2)	22(1)
RA.02l!4:	22(3)	
RA.03a!0:	14(3)	
RA.03a!1:	14(1)	15(2)
RA.03a!2:	7(1)	

RA.03a!3:	15(2)	16(1)
RA.03a!4:	16(3)	
RA.03b!0:	12(1)	14(3)
RA.03b!1:	14(1)	15(2)
RA.03b!2:	7(1)	
RA.03b!3:	15(2)	16(1)
RA.03b!4:	16(3)	
RA.03c!0:	14(3)	
RA.03c!1:	14(1)	15(2)
RA.03c!2:	7(1)	
RA.03c!3:	15(2)	16(1)
RA.03c!4:	16(3)	
RA.03d!0:	14(3)	
RA.03d!1:	14(1)	15(2)
RA.03d!2:	7(1)	
RA.03d!3:	15(2)	16(1)
RA.03d!4:	16(3)	
RA.03e!0:	17(3)	
RA.03e!1:	17(1)	18(2)
RA.03e!2:	7(1)	
RA.03e!3:	18(2)	19(1)
RA.03e!4:	19(3)	
RA.03f!0:	17(3)	
RA.03f!1:	17(1)	18(2)
RA.03f!2:	7(1)	
RA.03f!3:	18(2)	19(1)
RA.03f!4:	19(3)	
RA.03g!0:	17(3)	
RA.03g!1:	17(1)	18(2)
RA.03g!2:	7(1)	
RA.03g!3:	18(2)	19(1)
RA.03g!4:	19(3)	
RA.03h!0:	17(3)	
RA.03h!1:	17(1)	18(2)
RA.03h!2:	7(1)	
RA.03h!3:	18(2)	19(1)
RA.03h!4:	19(3)	
RA.03i!0:	20(3)	
RA.03i!1:	20(1)	21(2)
RA.03i!2:	7(1)	
RA.03i!3:	21(2)	22(1)
RA.03i!4:	22(3)	
RA.03j!0:	20(3)	
RA.03j!1:	20(1)	21(2)
RA.03j!2:	7(1)	
RA.03j!3:	21(2)	22(1)
RA.03j!4:	22(3)	
RA.03k!0:	20(3)	
RA.03k!1:	20(1)	21(2)
RA.03k!2:	7(1)	
RA.03k!3:	21(2)	22(1)
RA.03k!4:	22(3)	
RA.03l!0:	20(3)	
RA.03l!1:	20(1)	21(2)
RA.03l!2:	7(1)	
RA.03l!3:	21(2)	22(1)
RA.03l!4:	22(3)	
RA.04a!0:	14(3)	
RA.04a!1:	14(1)	15(2)
RA.04a!2:	7(1)	
RA.04a!3:	15(2)	16(1)
RA.04a!4:	16(3)	
RA.04b!0:	12(1)	14(3)
RA.04b!1:	14(1)	15(2)
RA.04b!2:	7(1)	
RA.04b!3:	15(2)	16(1)
RA.04b!4:	16(3)	
RA.04c!0:	14(3)	
RA.04c!1:	14(1)	15(2)
RA.04c!2:	7(1)	
RA.04c!3:	15(2)	16(1)
RA.04c!4:	16(3)	
RA.04d!0:	14(3)	
RA.04d!1:	14(1)	15(2)
RA.04d!2:	7(1)	
RA.04d!3:	15(2)	16(1)



RA.04d!4:	16(3)	
RA.04e!0:	17(3)	
RA.04e!1:	17(1)	18(2)
RA.04e!2:	7(1)	
RA.04e!3:	18(2)	19(1)
RA.04e!4:	19(3)	
RA.04f!0:	17(3)	
RA.04f!1:	17(1)	18(2)
RA.04f!2:	7(1)	
RA.04f!3:	18(2)	19(1)
RA.04f!4:	19(3)	
RA.04g!0:	17(3)	
RA.04g!1:	17(1)	18(2)
RA.04g!2:	7(1)	
RA.04g!3:	18(2)	19(1)
RA.04g!4:	19(3)	
RA.04h!0:	17(3)	
RA.04h!1:	17(1)	18(2)
RA.04h!2:	7(1)	
RA.04h!3:	18(2)	19(1)
RA.04h!4:	19(3)	
RA.04i!0:	20(3)	
RA.04i!1:	20(1)	21(2)
RA.04i!2:	7(1)	
RA.04i!3:	21(2)	22(1)
RA.04i!4:	22(3)	
RA.04j!0:	20(3)	
RA.04j!1:	20(1)	21(2)
RA.04j!2:	7(1)	
RA.04j!3:	21(2)	22(1)
RA.04j!4:	22(3)	
RA.04k!0:	20(3)	
RA.04k!1:	20(1)	21(2)
RA.04k!2:	7(1)	
RA.04k!3:	21(2)	22(1)
RA.04k!4:	22(3)	
RA.04l!0:	20(3)	
RA.04l!1:	20(1)	21(2)
RA.04l!2:	7(1)	
RA.04l!3:	21(2)	22(1)
RA.04l!4:	22(3)	
RA.05a!0:	14(3)	
RA.05a!1:	14(1)	15(2)
RA.05a!2:	7(1)	
RA.05a!3:	15(2)	16(1)
RA.05a!4:	16(3)	
RA.05b!0:	12(1)	14(3)
RA.05b!1:	14(1)	15(2)
RA.05b!2:	7(1)	
RA.05b!3:	15(2)	16(1)
RA.05b!4:	16(3)	
RA.05c!0:	14(3)	
RA.05c!1:	14(1)	15(2)
RA.05c!2:	7(1)	
RA.05c!3:	15(2)	16(1)
RA.05c!4:	16(3)	
RA.05d!0:	14(3)	
RA.05d!1:	14(1)	15(2)
RA.05d!2:	7(1)	
RA.05d!3:	15(2)	16(1)
RA.05d!4:	16(3)	
RA.05e!0:	17(3)	
RA.05e!1:	17(1)	18(2)
RA.05e!2:	7(1)	
RA.05e!3:	18(2)	19(1)
RA.05e!4:	19(3)	
RA.05f!0:	17(3)	
RA.05f!1:	17(1)	18(2)
RA.05f!2:	7(1)	
RA.05f!3:	18(2)	19(1)
RA.05f!4:	19(3)	
RA.05g!0:	17(3)	
RA.05g!1:	17(1)	18(2)
RA.05g!2:	7(1)	
RA.05g!3:	18(2)	19(1)
RA.05g!4:	19(3)	

RA.05h!0:	17(3)	
RA.05h!1:	17(1)	18(2)
RA.05h!2:	7(1)	
RA.05h!3:	18(2)	19(1)
RA.05h!4:	19(3)	
RA.05i!0:	20(3)	
RA.05i!1:	20(1)	21(2)
RA.05i!2:	7(1)	
RA.05i!3:	21(2)	22(1)
RA.05i!4:	22(3)	
RA.05j!0:	20(3)	
RA.05j!1:	20(1)	21(2)
RA.05j!2:	7(1)	
RA.05j!3:	21(2)	22(1)
RA.05j!4:	22(3)	
RA.05k!0:	20(3)	
RA.05k!1:	20(1)	21(2)
RA.05k!2:	7(1)	
RA.05k!3:	21(2)	22(1)
RA.05k!4:	22(3)	
RA.05l!0:	20(3)	
RA.05l!1:	20(1)	21(2)
RA.05l!2:	7(1)	
RA.05l!3:	21(2)	22(1)
RA.05l!4:	22(3)	
RA.06a!0:	14(3)	
RA.06a!1:	14(1)	15(2)
RA.06a!2:	7(1)	
RA.06a!3:	15(2)	16(1)
RA.06a!4:	16(3)	
RA.06b!0:	12(1)	14(3)
RA.06b!1:	14(1)	15(2)
RA.06b!2:	7(1)	
RA.06b!3:	15(2)	16(1)
RA.06b!4:	16(3)	
RA.06c!0:	14(3)	
RA.06c!1:	14(1)	15(2)
RA.06c!2:	7(1)	
RA.06c!3:	15(2)	16(1)
RA.06c!4:	16(3)	
RA.06d!0:	14(3)	
RA.06d!1:	14(1)	15(2)
RA.06d!2:	7(1)	
RA.06d!3:	15(2)	16(1)
RA.06d!4:	16(3)	
RA.06e!0:	17(3)	
RA.06e!1:	17(1)	18(2)
RA.06e!2:	7(1)	
RA.06e!3:	18(2)	19(1)
RA.06e!4:	19(3)	
RA.06f!0:	17(3)	
RA.06f!1:	17(1)	18(2)
RA.06f!2:	7(1)	
RA.06f!3:	18(2)	19(1)
RA.06f!4:	19(3)	
RA.06g!0:	17(3)	
RA.06g!1:	17(1)	18(2)
RA.06g!2:	7(1)	
RA.06g!3:	18(2)	19(1)
RA.06g!4:	19(3)	
RA.06h!0:	17(3)	
RA.06h!1:	17(1)	18(2)
RA.06h!2:	7(1)	
RA.06h!3:	18(2)	19(1)
RA.06h!4:	19(3)	
RA.06i!0:	20(3)	
RA.06i!1:	20(1)	21(2)
RA.06i!2:	7(1)	
RA.06i!3:	21(2)	22(1)
RA.06i!4:	22(3)	
RA.06j!0:	20(3)	
RA.06j!1:	20(1)	21(2)
RA.06j!2:	7(1)	
RA.06j!3:	21(2)	22(1)
RA.06j!4:	22(3)	
RA.06k!0:	20(3)	

RA.06k!1:	20(1)	21(2)
RA.06k!2:	7(1)	
RA.06k!3:	21(2)	22(1)
RA.06k!4:	22(3)	
RA.06l!0:	20(3)	
RA.06l!1:	20(1)	21(2)
RA.06l!2:	7(1)	
RA.06l!3:	21(2)	22(1)
RA.06l!4:	22(3)	
RA.07a!0:	14(3)	
RA.07a!1:	14(1)	15(2)
RA.07a!2:	7(1)	
RA.07a!3:	15(2)	16(1)
RA.07a!4:	16(3)	
RA.07b!0:	12(1)	14(3)
RA.07b!1:	14(1)	15(2)
RA.07b!2:	7(1)	
RA.07b!3:	15(2)	16(1)
RA.07b!4:	16(3)	
RA.07c!0:	14(3)	
RA.07c!1:	14(1)	15(2)
RA.07c!2:	7(1)	
RA.07c!3:	15(2)	16(1)
RA.07c!4:	16(3)	
RA.07d!0:	14(3)	
RA.07d!1:	14(1)	15(2)
RA.07d!2:	7(1)	
RA.07d!3:	15(2)	16(1)
RA.07d!4:	16(3)	
RA.07e!0:	17(3)	
RA.07e!1:	17(1)	18(2)
RA.07e!2:	7(1)	
RA.07e!3:	18(2)	19(1)
RA.07e!4:	19(3)	
RA.07f!0:	17(3)	
RA.07f!1:	17(1)	18(2)
RA.07f!2:	7(1)	
RA.07f!3:	18(2)	19(1)
RA.07f!4:	19(3)	
RA.07g!0:	17(3)	
RA.07g!1:	17(1)	18(2)
RA.07g!2:	7(1)	
RA.07g!3:	18(2)	19(1)
RA.07g!4:	19(3)	
RA.07h!0:	17(3)	
RA.07h!1:	17(1)	18(2)
RA.07h!2:	7(1)	
RA.07h!3:	18(2)	19(1)
RA.07h!4:	19(3)	
RA.07i!0:	20(3)	
RA.07i!1:	20(1)	21(2)
RA.07i!2:	7(1)	
RA.07i!3:	21(2)	22(1)
RA.07i!4:	22(3)	
RA.07j!0:	20(3)	
RA.07j!1:	20(1)	21(2)
RA.07j!2:	7(1)	
RA.07j!3:	21(2)	22(1)
RA.07j!4:	22(3)	
RA.07k!0:	20(3)	
RA.07k!1:	20(1)	21(2)
RA.07k!2:	7(1)	
RA.07k!3:	21(2)	22(1)
RA.07k!4:	22(3)	
RA.07l!0:	20(3)	
RA.07l!1:	20(1)	21(2)
RA.07l!2:	7(1)	
RA.07l!3:	21(2)	22(1)
RA.07l!4:	22(3)	
RA.08a!0:	14(3)	
RA.08a!1:	14(1)	15(2)
RA.08a!2:	7(1)	
RA.08a!3:	15(2)	16(1)
RA.08a!4:	16(3)	
RA.08b!0:	12(1)	14(3)
RA.08b!1:	14(1)	15(2)

RA.08b!2:	7(1)	
RA.08b!3:	15(2)	16(1)
RA.08b!4:	16(3)	
RA.08c!0:	14(3)	
RA.08c!1:	14(1)	15(2)
RA.08c!2:	7(1)	
RA.08c!3:	15(2)	16(1)
RA.08c!4:	16(3)	
RA.08d!0:	14(3)	
RA.08d!1:	14(1)	15(2)
RA.08d!2:	7(1)	
RA.08d!3:	15(2)	16(1)
RA.08d!4:	16(3)	
RA.08e!0:	17(3)	
RA.08e!1:	17(1)	18(2)
RA.08e!2:	7(1)	
RA.08e!3:	18(2)	19(1)
RA.08e!4:	19(3)	
RA.08f!0:	17(3)	
RA.08f!1:	17(1)	18(2)
RA.08f!2:	7(1)	
RA.08f!3:	18(2)	19(1)
RA.08f!4:	19(3)	
RA.08g!0:	17(3)	
RA.08g!1:	17(1)	18(2)
RA.08g!2:	7(1)	
RA.08g!3:	18(2)	19(1)
RA.08g!4:	19(3)	
RA.08h!0:	17(3)	
RA.08h!1:	17(1)	18(2)
RA.08h!2:	7(1)	
RA.08h!3:	18(2)	19(1)
RA.08h!4:	19(3)	
RA.08i!0:	20(3)	
RA.08i!1:	20(1)	21(2)
RA.08i!2:	7(1)	
RA.08i!3:	21(2)	22(1)
RA.08i!4:	22(3)	
RA.08j!0:	20(3)	
RA.08j!1:	20(1)	21(2)
RA.08j!2:	7(1)	
RA.08j!3:	21(2)	22(1)
RA.08j!4:	22(3)	
RA.08k!0:	20(3)	
RA.08k!1:	20(1)	21(2)
RA.08k!2:	7(1)	
RA.08k!3:	21(2)	22(1)
RA.08k!4:	22(3)	
RA.08l!0:	20(3)	
RA.08l!1:	20(1)	21(2)
RA.08l!2:	7(1)	
RA.08l!3:	21(2)	22(1)
RA.08l!4:	22(3)	
RA.09a!0:	14(3)	
RA.09a!1:	14(1)	15(2)
RA.09a!2:	7(1)	
RA.09a!3:	15(2)	16(1)
RA.09a!4:	16(3)	
RA.09b!0:	12(1)	14(3)
RA.09b!1:	14(1)	15(2)
RA.09b!2:	7(1)	
RA.09b!3:	15(2)	16(1)
RA.09b!4:	16(3)	
RA.09c!0:	14(3)	
RA.09c!1:	14(1)	15(2)
RA.09c!2:	7(1)	
RA.09c!3:	15(2)	16(1)
RA.09c!4:	16(3)	
RA.09d!0:	14(3)	
RA.09d!1:	14(1)	15(2)
RA.09d!2:	7(1)	
RA.09d!3:	15(2)	16(1)
RA.09d!4:	16(3)	
RA.09e!0:	17(3)	
RA.09e!1:	17(1)	18(2)
RA.09e!2:	7(1)	

RA.09e!3:	18(2)	19(1)
RA.09e!4:	19(3)	
RA.09f!0:	17(3)	
RA.09f!1:	17(1)	18(2)
RA.09f!2:	7(1)	
RA.09f!3:	18(2)	19(1)
RA.09f!4:	19(3)	
RA.09g!0:	17(3)	
RA.09g!1:	17(1)	18(2)
RA.09g!2:	7(1)	
RA.09g!3:	18(2)	19(1)
RA.09g!4:	19(3)	
RA.09h!0:	17(3)	
RA.09h!1:	17(1)	18(2)
RA.09h!2:	7(1)	
RA.09h!3:	18(2)	19(1)
RA.09h!4:	19(3)	
RA.09i!0:	20(3)	
RA.09i!1:	20(1)	21(2)
RA.09i!2:	7(1)	
RA.09i!3:	21(2)	22(1)
RA.09i!4:	22(3)	
RA.09j!0:	20(3)	
RA.09j!1:	20(1)	21(2)
RA.09j!2:	7(1)	
RA.09j!3:	21(2)	22(1)
RA.09j!4:	22(3)	
RA.09k!0:	20(3)	
RA.09k!1:	20(1)	21(2)
RA.09k!2:	7(1)	
RA.09k!3:	21(2)	22(1)
RA.09k!4:	22(3)	
RA.09l!0:	20(3)	
RA.09l!1:	20(1)	21(2)
RA.09l!2:	7(1)	
RA.09l!3:	21(2)	22(1)
RA.09l!4:	22(3)	
RA.10a!0:	14(3)	
RA.10a!1:	14(1)	15(2)
RA.10a!2:	7(1)	
RA.10a!3:	15(2)	16(1)
RA.10a!4:	16(3)	
RA.10b!0:	12(1)	14(3)
RA.10b!1:	14(1)	15(2)
RA.10b!2:	7(1)	
RA.10b!3:	15(2)	16(1)
RA.10b!4:	16(3)	
RA.10c!0:	14(3)	
RA.10c!1:	14(1)	15(2)
RA.10c!2:	7(1)	
RA.10c!3:	15(2)	16(1)
RA.10c!4:	16(3)	
RA.10d!0:	14(3)	
RA.10d!1:	14(1)	15(2)
RA.10d!2:	7(1)	
RA.10d!3:	15(2)	16(1)
RA.10d!4:	16(3)	
RA.10e!0:	17(3)	
RA.10e!1:	17(1)	18(2)
RA.10e!2:	7(1)	
RA.10e!3:	18(2)	19(1)
RA.10e!4:	19(3)	
RA.10f!0:	17(3)	
RA.10f!1:	17(1)	18(2)
RA.10f!2:	7(1)	
RA.10f!3:	18(2)	19(1)
RA.10f!4:	19(3)	
RA.10g!0:	17(3)	
RA.10g!1:	17(1)	18(2)
RA.10g!2:	7(1)	
RA.10g!3:	18(2)	19(1)
RA.10g!4:	19(3)	
RA.10h!0:	17(3)	
RA.10h!1:	17(1)	18(2)
RA.10h!2:	7(1)	
RA.10h!3:	18(2)	19(1)

RA.10h!4:	19(3)			
RA.10i!0:	20(3)			
RA.10i!1:	20(1)	21(2)		
RA.10i!2:	7(1)			
RA.10i!3:	21(2)	22(1)		
RA.10i!4:	22(3)			
RA.10j!0:	20(3)			
RA.10j!1:	20(1)	21(2)		
RA.10j!2:	7(1)			
RA.10j!3:	21(2)	22(1)		
RA.10j!4:	22(3)			
RA.10k!0:	20(3)			
RA.10k!1:	20(1)	21(2)		
RA.10k!2:	7(1)			
RA.10k!3:	21(2)	22(1)		
RA.10k!4:	22(3)			
RA.10l!0:	20(3)			
RA.10l!1:	20(1)	21(2)		
RA.10l!2:	7(1)			
RA.10l!3:	21(2)	22(1)		
RA.10l!4:	22(3)			
RamPE:	9(1)			
RAMPED1y:	9(1)	10(1)		
RamPEenable:	9(1)	10(1)	11(1)	
RBmux.00:	1(1)	4(1)	10(1)	
RBmux.01:	1(1)	4(1)	10(1)	
RBmux.02:	1(1)	4(1)	10(1)	
RBmux.03:	1(1)	4(1)	10(1)	
RBmux.04:	1(1)	4(1)	10(1)	
RBmux.05:	2(1)	4(1)	10(1)	
RBmux.06:	2(1)	4(1)	10(1)	
RBmux.07:	2(1)	4(1)	10(1)	
RBmux.08:	2(1)	5(1)	10(1)	
RBmux.09:	2(1)	5(1)	10(1)	
RBmux.10:	2(1)	5(1)	10(1)	
RBmux.11:	3(1)	5(1)	10(1)	
RBmux.12:	3(1)	5(1)	10(1)	
RBmux.13:	3(1)	5(1)	10(1)	
RBmux.14:	3(1)	5(1)	10(1)	
RBmux.15:	3(1)	5(1)	10(1)	
RBmuxP:	3(1)	5(1)		
RepeatCurBa:	3(1)			
RepeatCurBa%:	13(1)			
RepeatCurBb:	1(1)			
RepeatCurBb%:	13(1)			
RepeatCurBc:	1(1)			
RepeatCurBc%:	13(1)			
RepeatCurCc:	3(3)			
RepeatCurCc%:	13(1)			
RepeatCurDc:	2(2)	3(1)		
RepeatCurDc%:	13(1)			
RepeatCurDd:	1(1)	2(1)		
RepeatCurDd%:	13(1)			
rMIRa:	1(6)	2(6)	3(8)	11(1)
RSTK.0!:	1(1)			
RSTK.0':	1(1)			
RSTK.1!:	1(1)			
RSTK.1':	1(1)			
RSTK.2!:	1(1)			
RSTK.2':	1(1)			
RSTK.3!:	1(1)			
RSTK.3':	1(1)			
sALUF.0:	1(1)	10(1)		
sALUF.1:	1(1)	10(1)		
sALUF.2:	2(1)	10(1)		
sALUF.3:	2(1)	10(1)		
sASEL.0:	3(3)	10(1)		
sASEL.1:	3(1)	10(1)		
sASEL.2:	3(1)	10(1)		
sBSEL.0:	2(1)	10(1)		
sBSEL.1:	2(1)	10(1)		
sBSEL.2:	2(1)	10(1)		
sIMLH:	3(1)	10(1)		
sLC.0:	2(1)	10(1)		
sLC.1:	3(1)	10(1)		
sLC.2:	3(1)	10(1)		

sRSTK.0:	1(1)	10(1)	
sRSTK.1:	1(1)	10(1)	
sRSTK.2:	1(1)	10(1)	
sRSTK.3:	1(1)	10(1)	
StartCycle'a%:	13(1)		
StopMIRClk:	9(1)		
StopMIRClkBD:	9(1)	13(1)	
StopMIRClkC:	9(1)	13(1)	
StopMIRClkEn:	10(1)	11(1)	
StopMIRClkEn':	9(1)	11(1)	
SW:	7(1)		
SW'a:	6(3)	7(1)	
SW'b:	6(3)	7(1)	
SW'c:	6(3)	7(1)	
SW'd:	6(3)	7(1)	
SWa:	6(3)	7(1)	
SWb:	6(3)	7(1)	
SWc:	6(3)	7(1)	
SWd:	6(3)	7(1)	
TempRef!:	13(1)		
TNIA.02:	6(1)	12(1)	
TNIA.03:	6(1)	12(1)	
TNIA.04:	6(1)	12(1)	
TNIA.05:	6(1)	12(1)	
TNIA.06:	6(1)	12(1)	
TNIA.07:	6(1)	12(1)	
TNIA.08:	6(1)	12(1)	
TNIA.09:	6(1)	12(1)	
TNIA.10:	6(1)	12(1)	
TNIA.11:	6(1)	12(1)	
TNIA.12:	6(1)	12(1)	
TNIA.13:	6(1)	12(1)	
TNIA.14:	6(1)	12(1)	
TNIA.15:	6(1)	12(1)	
True:	5(11)		
UseDMD!:	11(1)		
UseDMDEnable':	11(1)	12(1)	
VCC:	13(1)		
VEE:	13(1)		
WEL'Aa:	13(1)	14(6)	
WEL'Ab:	13(1)	14(6)	
WEL'Ad:	13(1)	14(4)	17(2)
WEL'Bg:	13(1)	17(6)	
WEL'Bh:	13(1)	17(4)	20(2)
WEL'Bi:	13(1)	20(2)	21(4)
WEL'Bj:	13(1)	20(4)	21(2)
WEL'Bk:	13(1)	20(4)	21(2)
WEL'B1:	13(1)	20(4)	21(2)
WEL'Dj:	13(1)	21(2)	22(4)
WEL'Dk:	13(1)	21(2)	22(4)
WEL'D1:	13(1)	21(2)	22(4)
WER'Aa:	13(1)	15(6)	
WER'Ab:	13(1)	15(2)	17(4)
WER'Ac:	13(1)	18(6)	
WER'Ca:	13(1)	15(2)	16(4)
WER'Cb:	13(1)	15(2)	16(4)
WER'Cc:	13(1)	15(2)	16(4)
WER'Cd:	13(1)	15(2)	16(4)
WER'Ce:	13(1)	18(2)	19(4)
WER' Cf:	13(1)	18(2)	19(4)
WER'Da:	13(1)	18(2)	19(4)
WER'Db:	13(1)	18(2)	19(4)
WER'Dc:	13(1)	18(2)	22(4)
Whatever:	11(12)	13(1)	