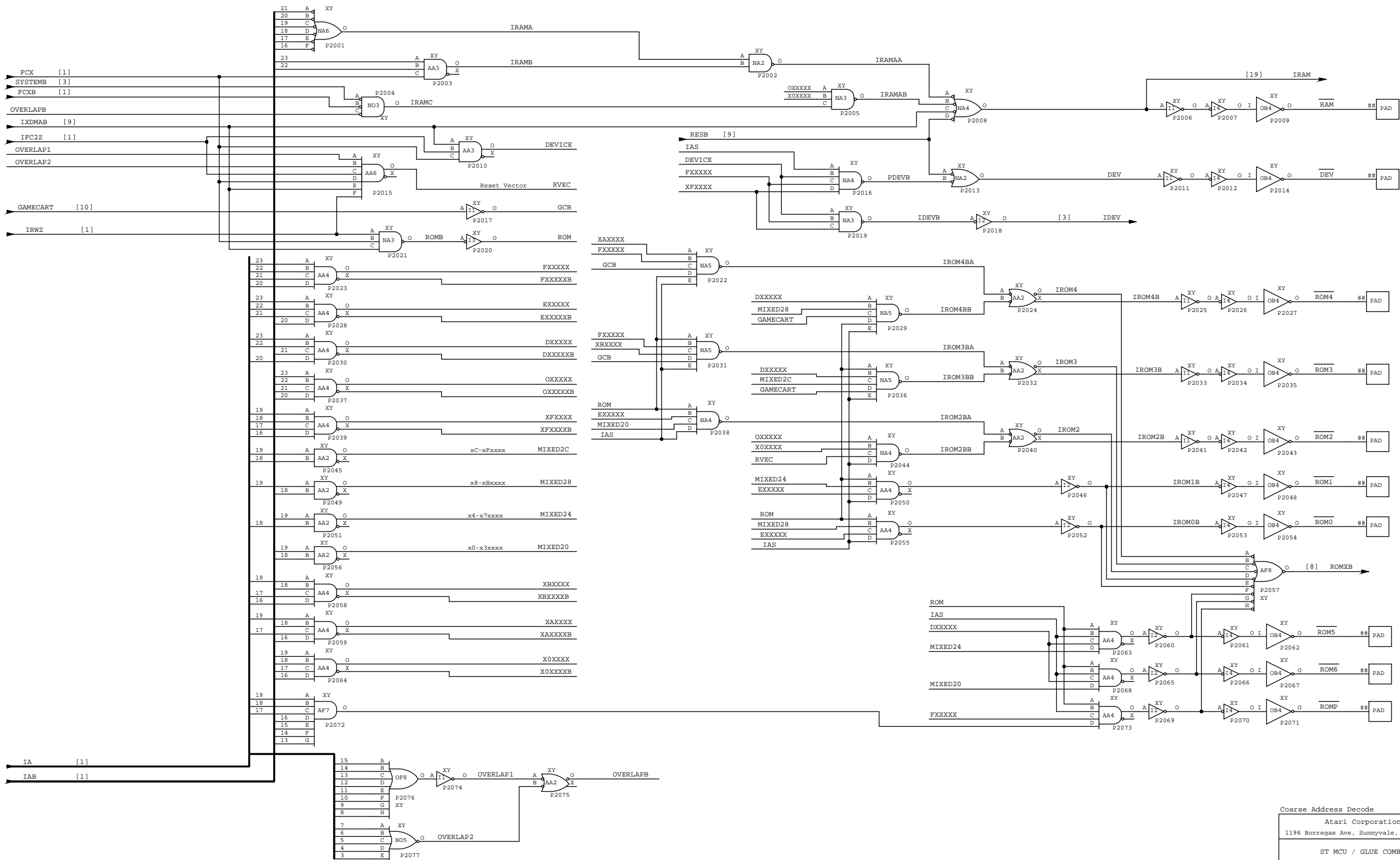
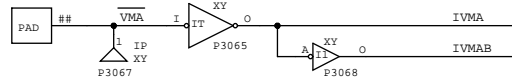


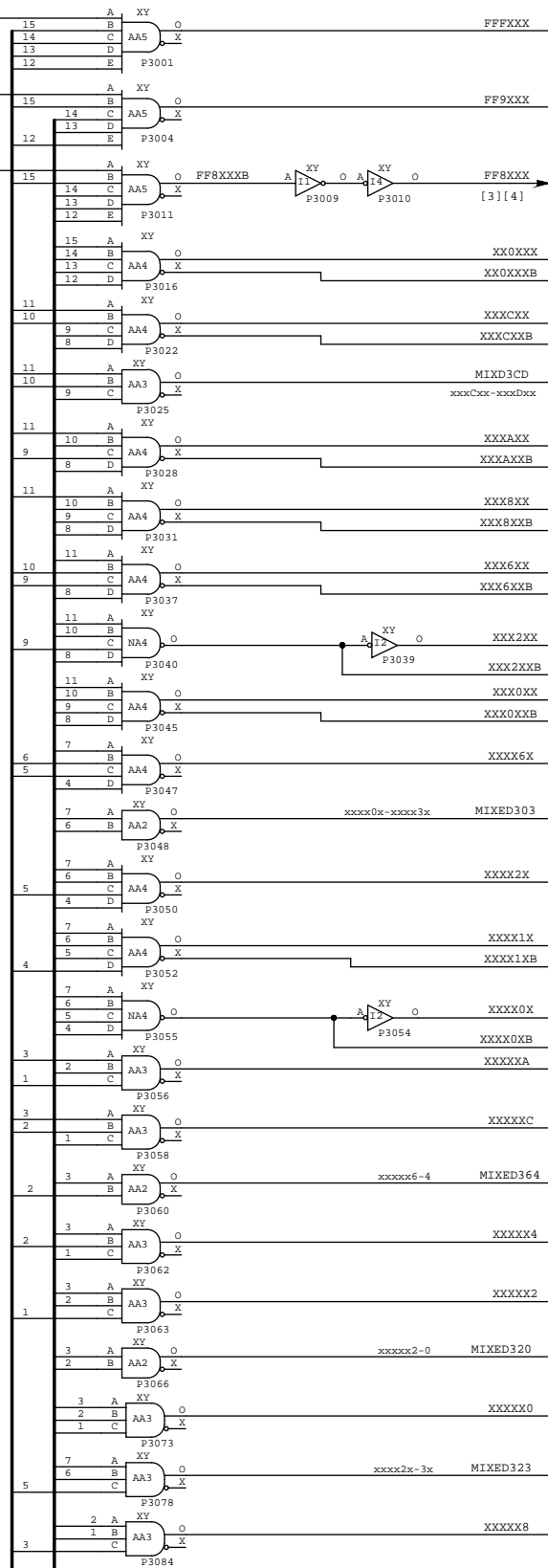
0 LOADS ON PORB
9 LOADS ON IAS



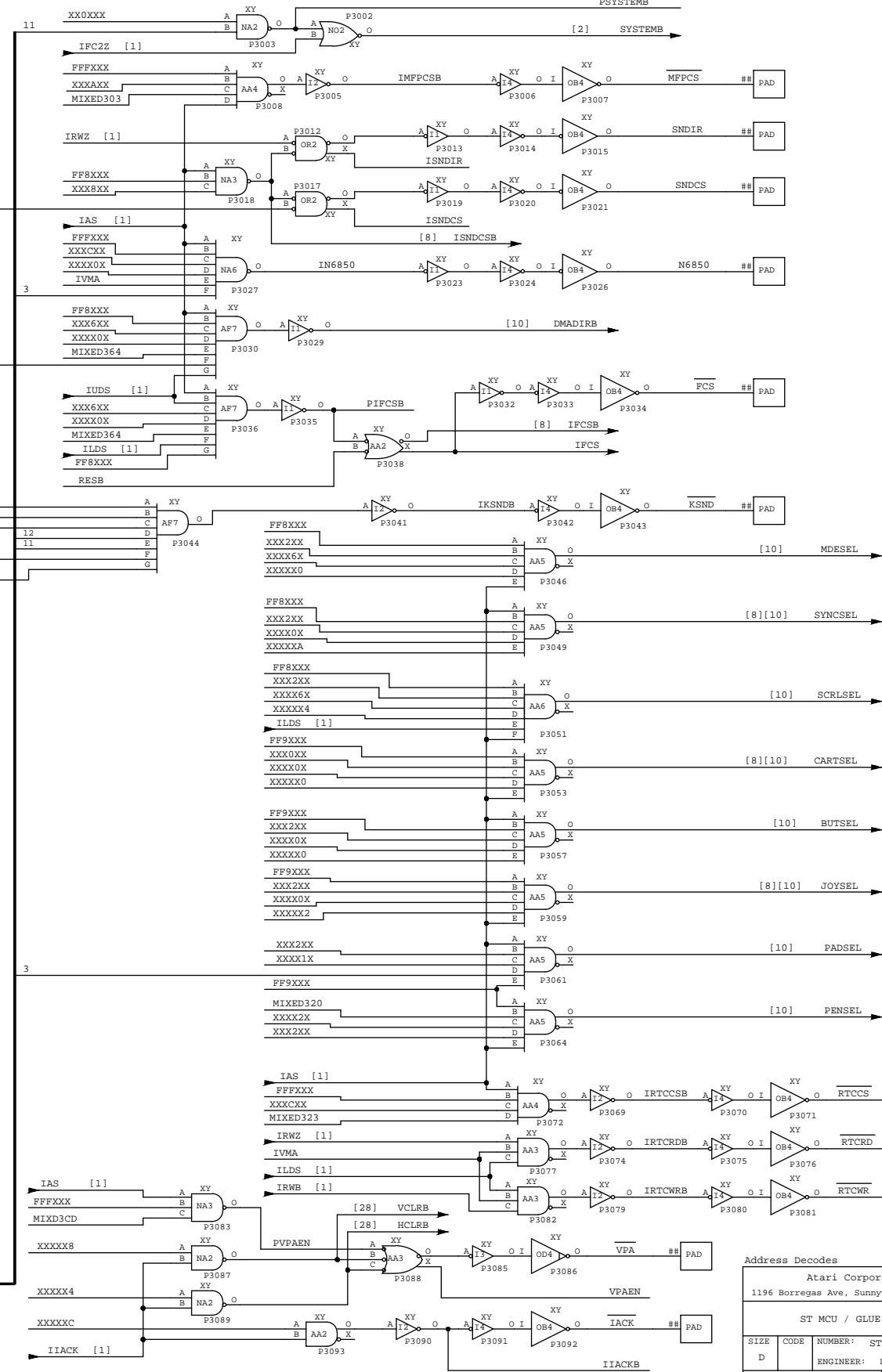
0 LOADS ON PORB
15 LOADS ON IAS



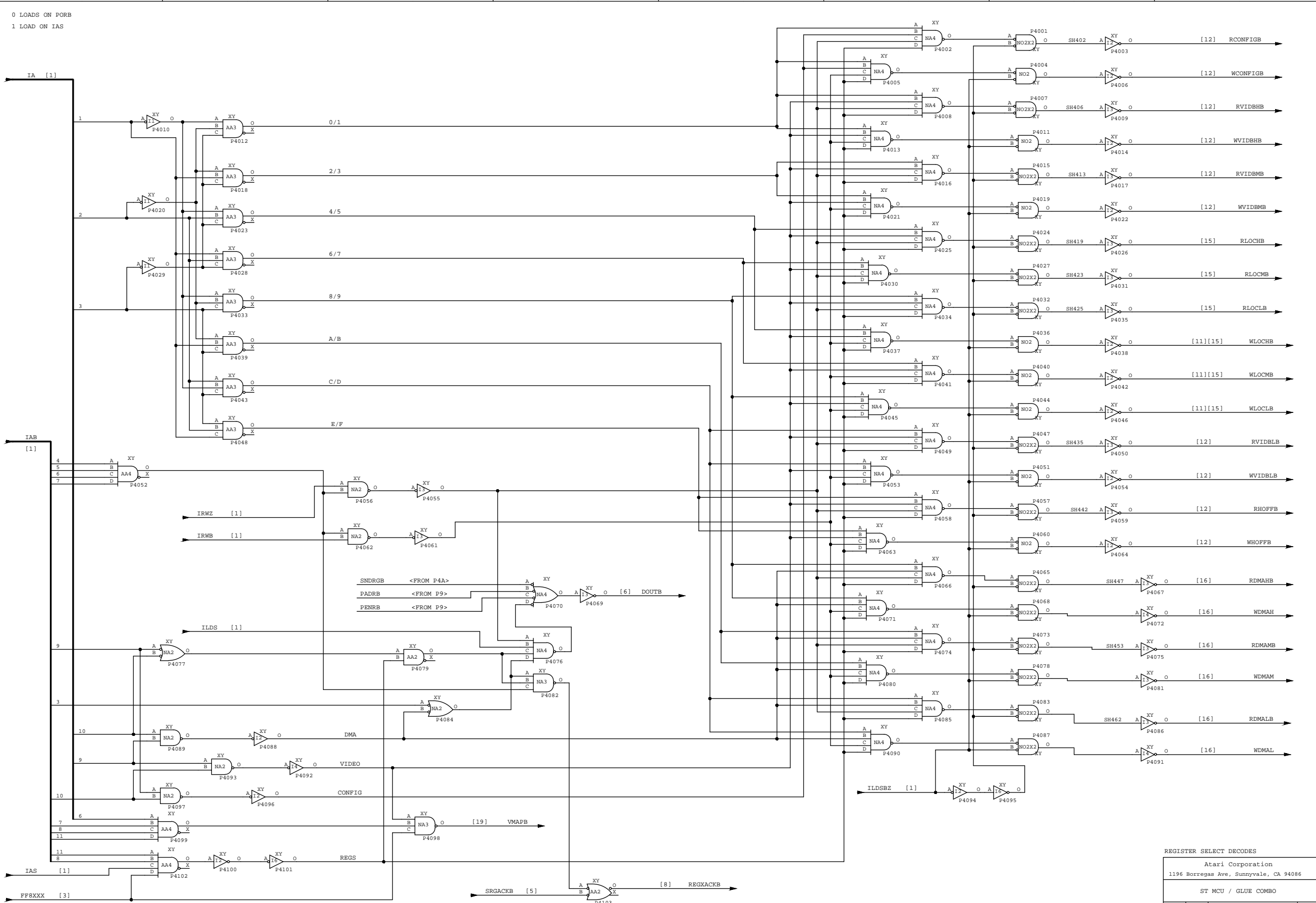
IA [1]
IAB [1]



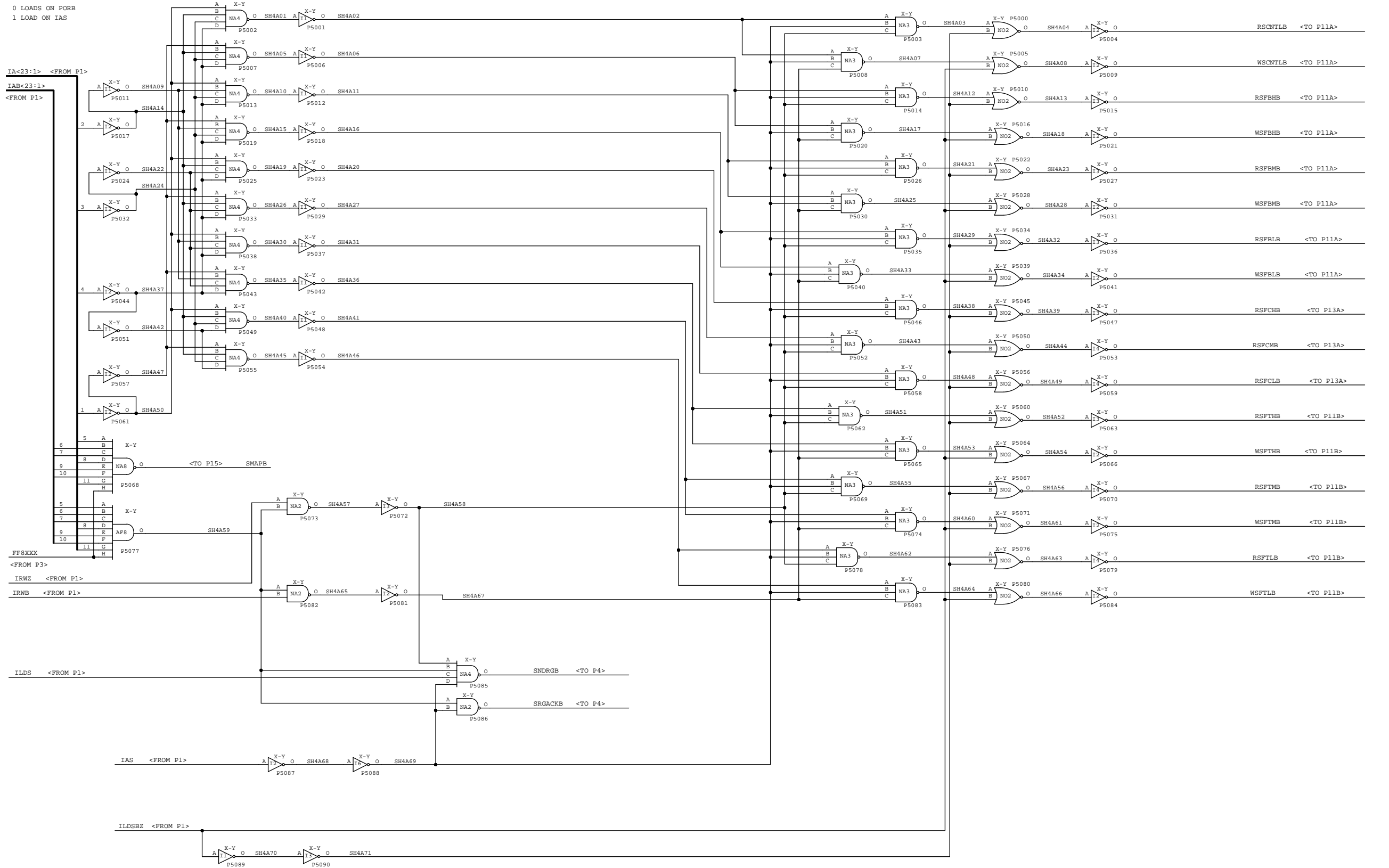
IDEV
IAS

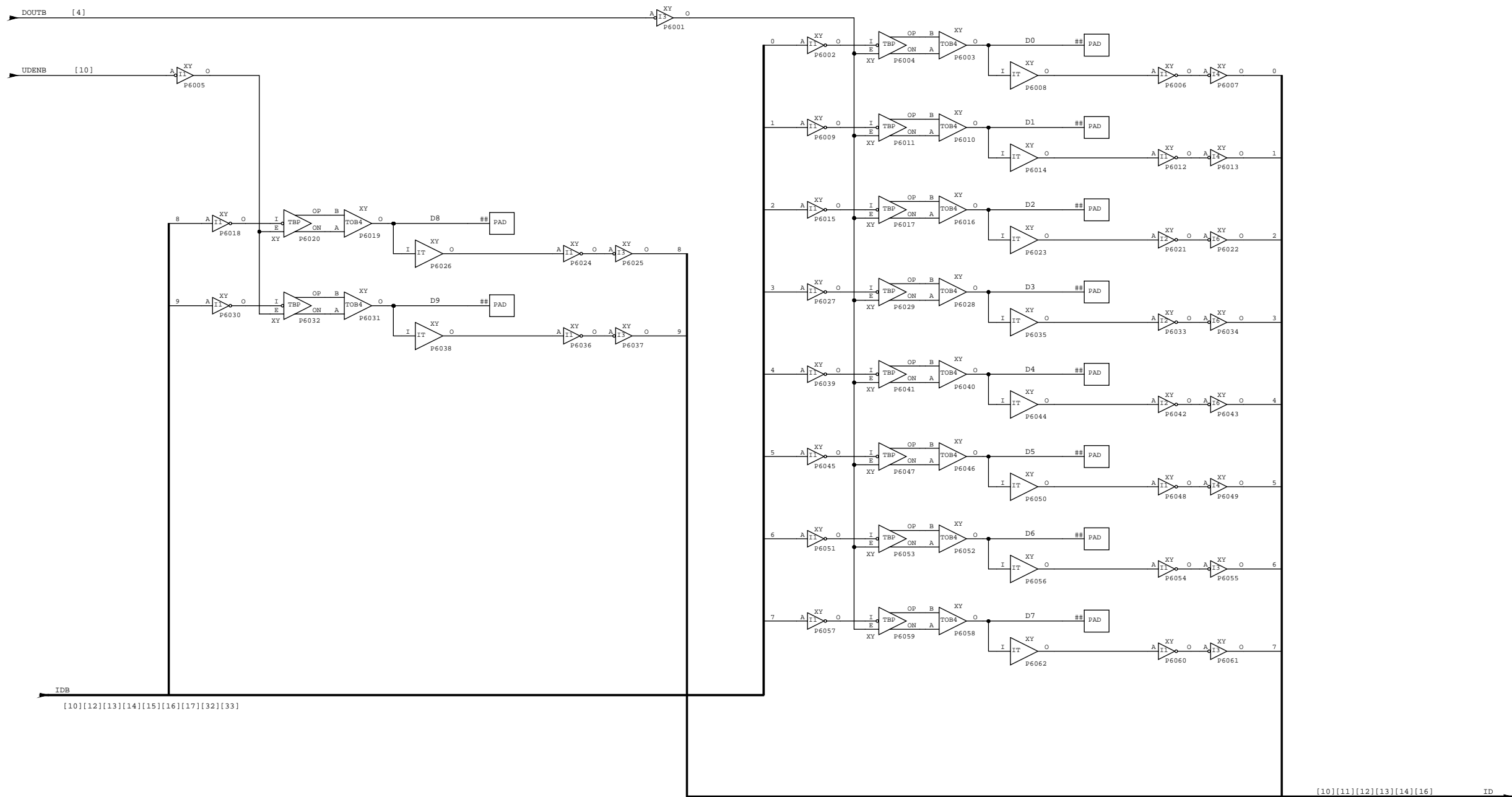


Address Decodes				
Atari Corporation				
1196 Borregas Ave, Sunnyvale, CA 94086				
ST MCU / GLUE COMBO				
SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	D.Renn	A
DATE	MNOV.21, 1988	SHEET	3 of 33	

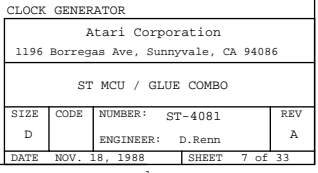


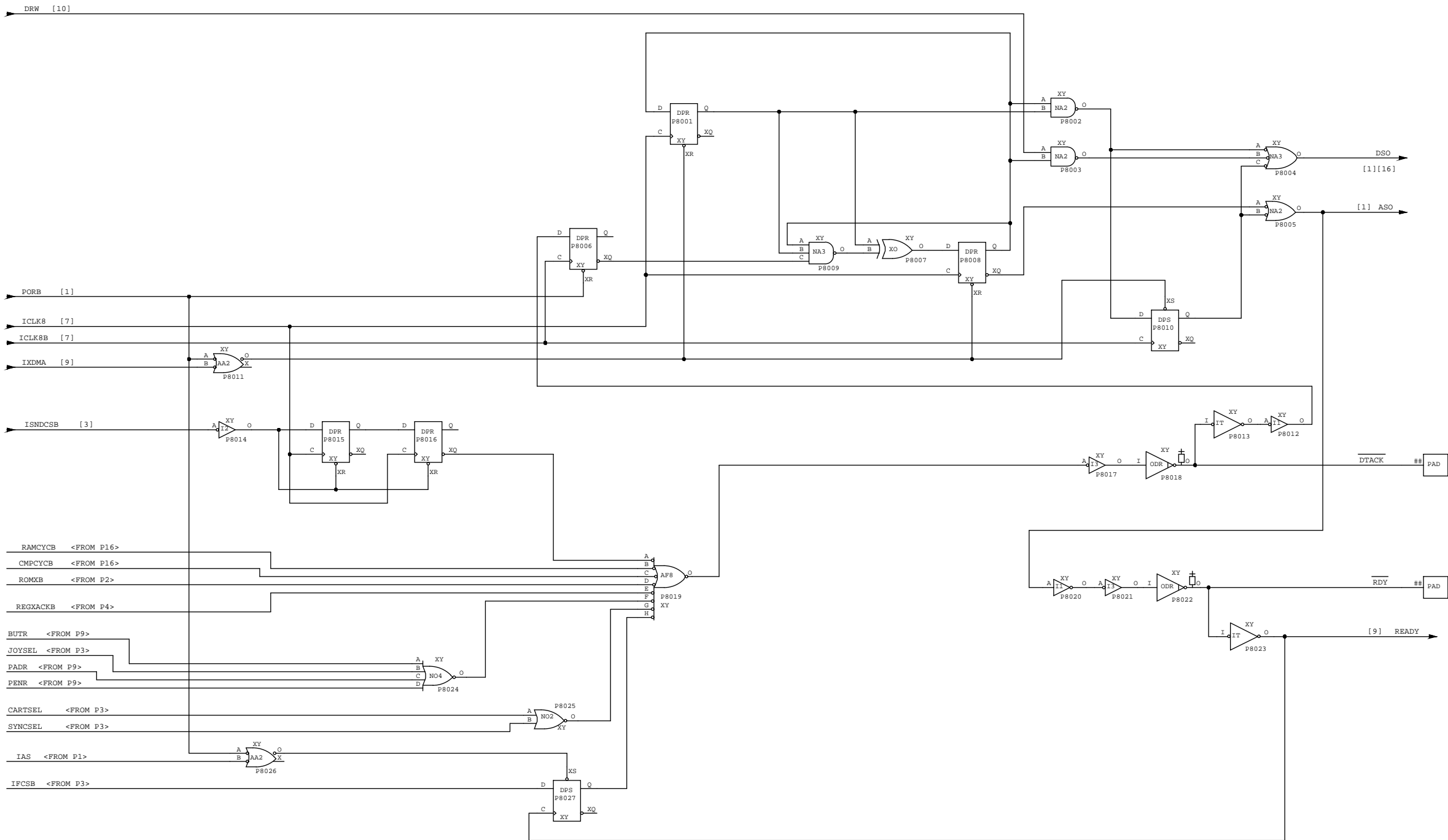
REGISTER SELECT DECODES				
Atari Corporation				
1196 Borregas Ave, Sunnyvale, CA 94086				
ST MCU / GLUE COMBO				
SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	D.Renn	A
DATE	NOV. 18, 1988	SHEET	4 of 33	



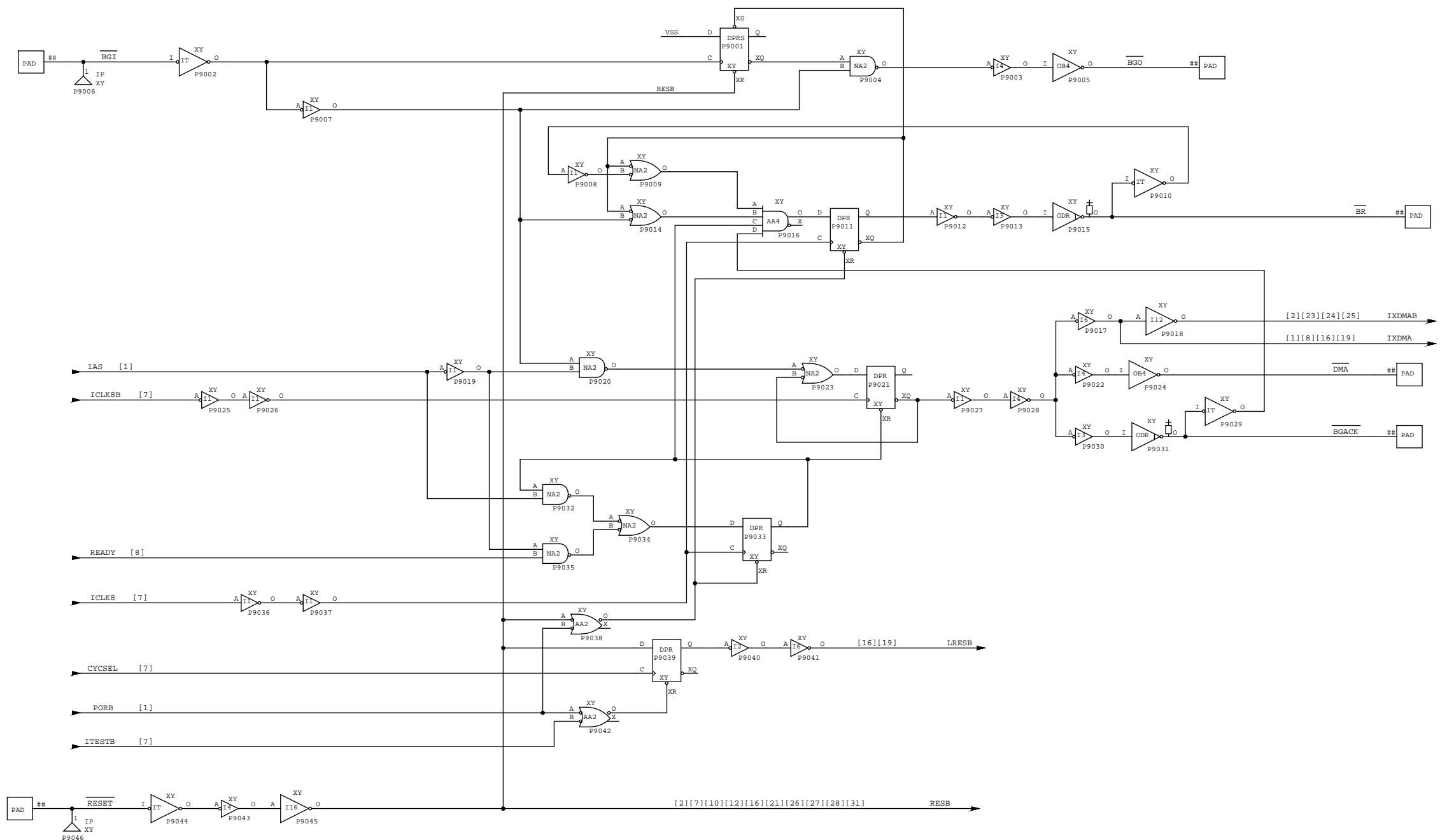


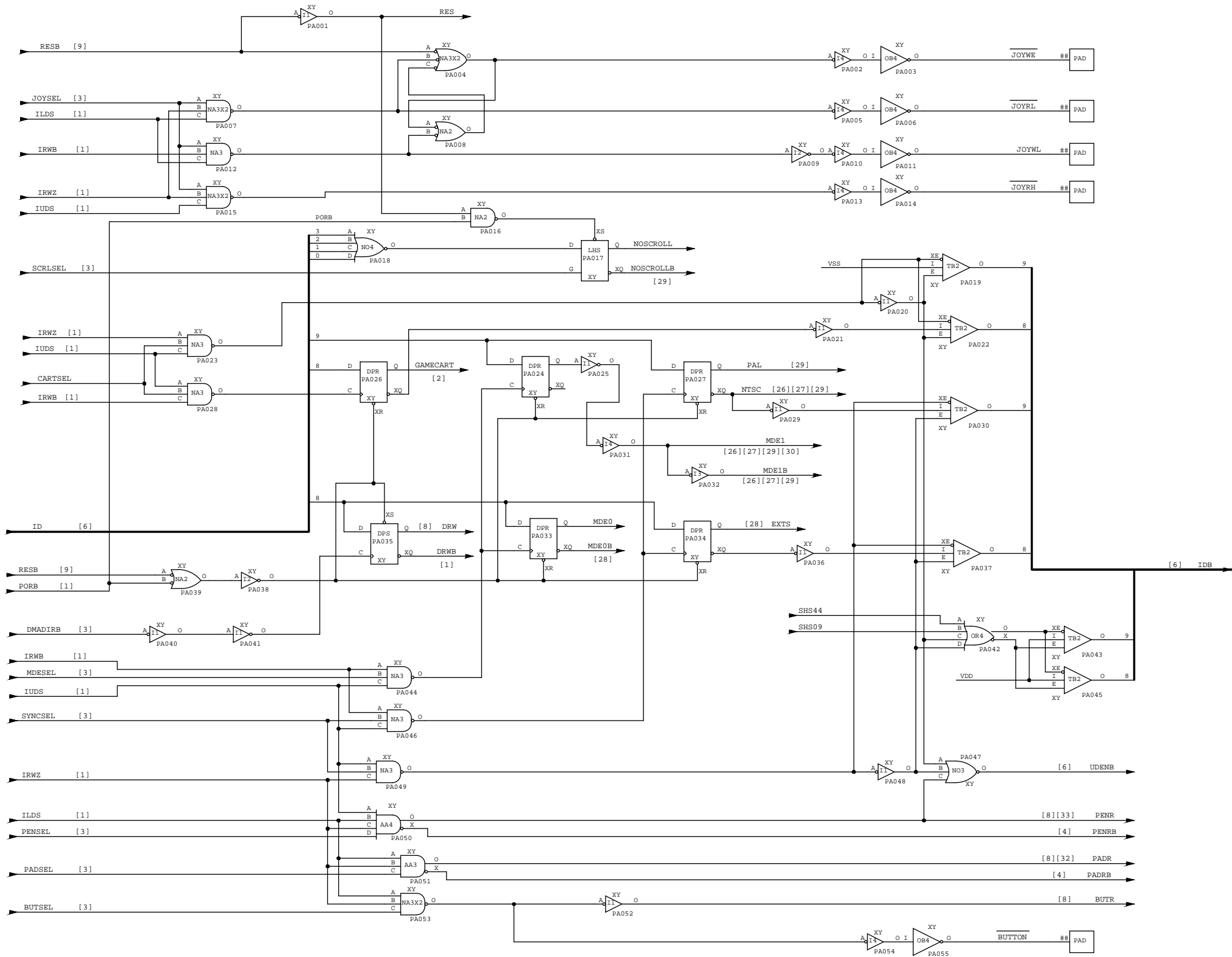
DATA BUS INTERFACE			
Atari Corporation			
1196 Borregas Ave, Sunnyvale, CA 94086			
ST MCU / GLUE COMBO			
SIZE D	CODE	NUMBER: ST-4081 ENGINEER: D.Renn	REV A
DATE	NOV. 18, 1988	SHEET	6 of 33

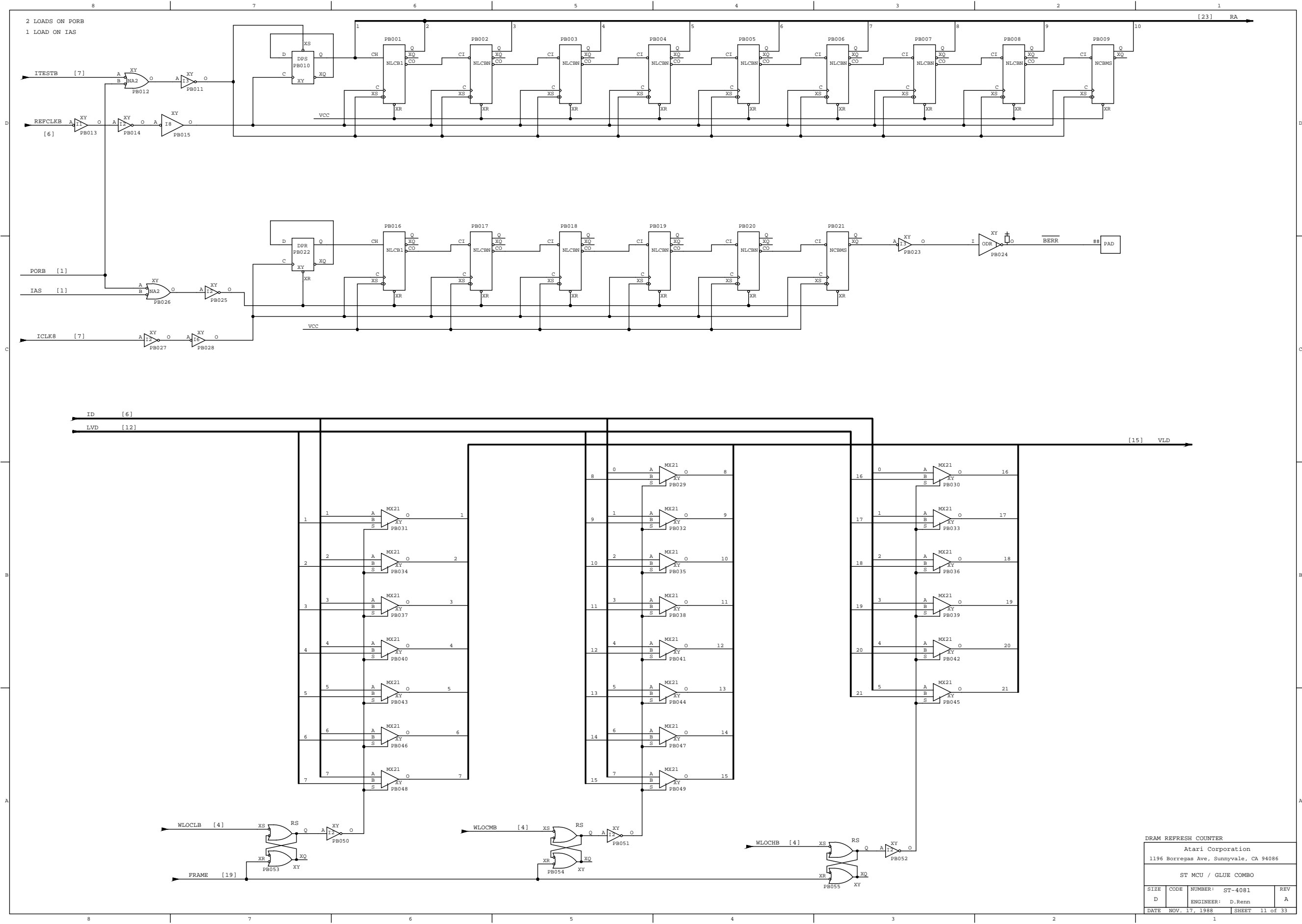


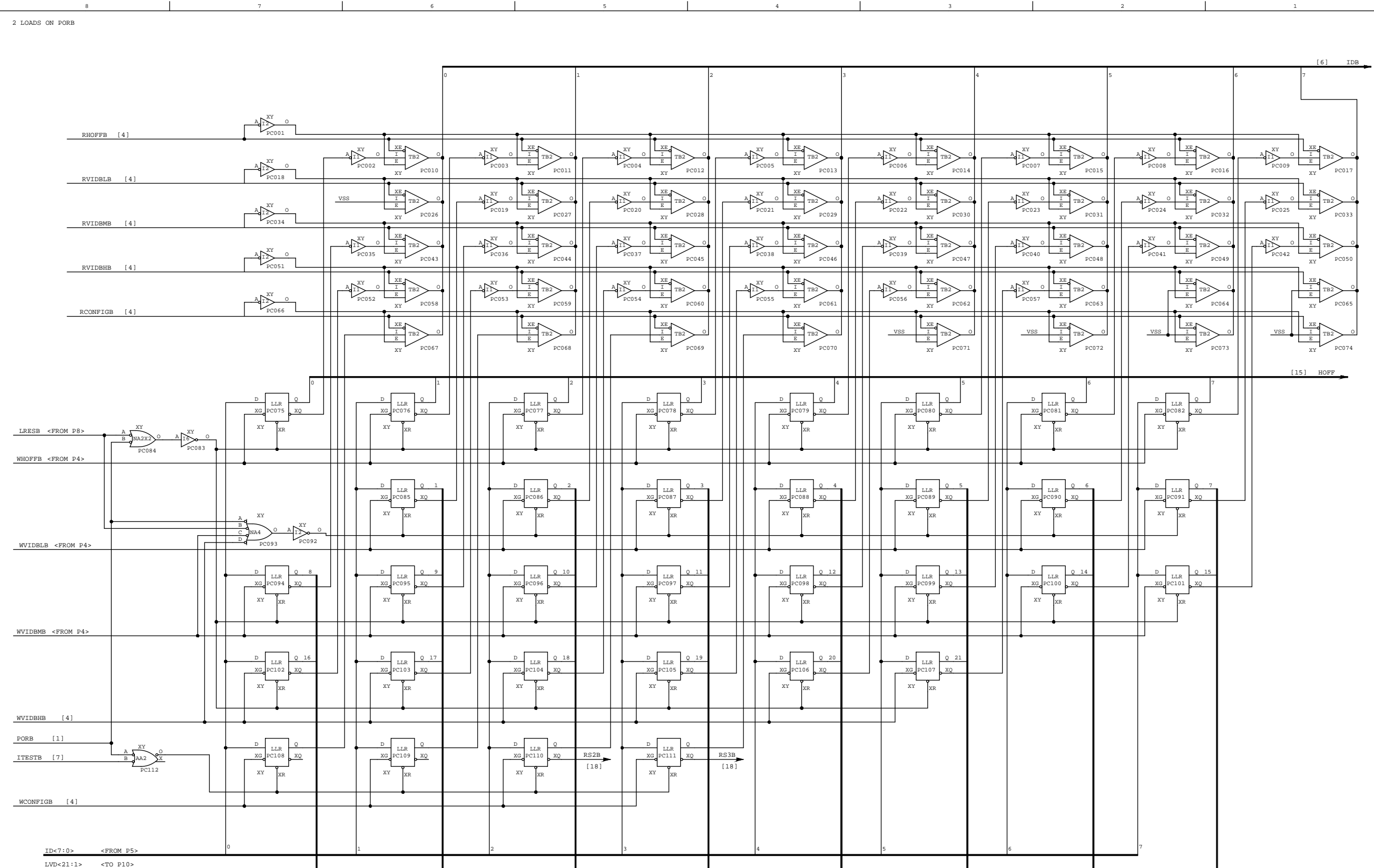


2 LOADS ON PORB
2 LOADS ON IAS

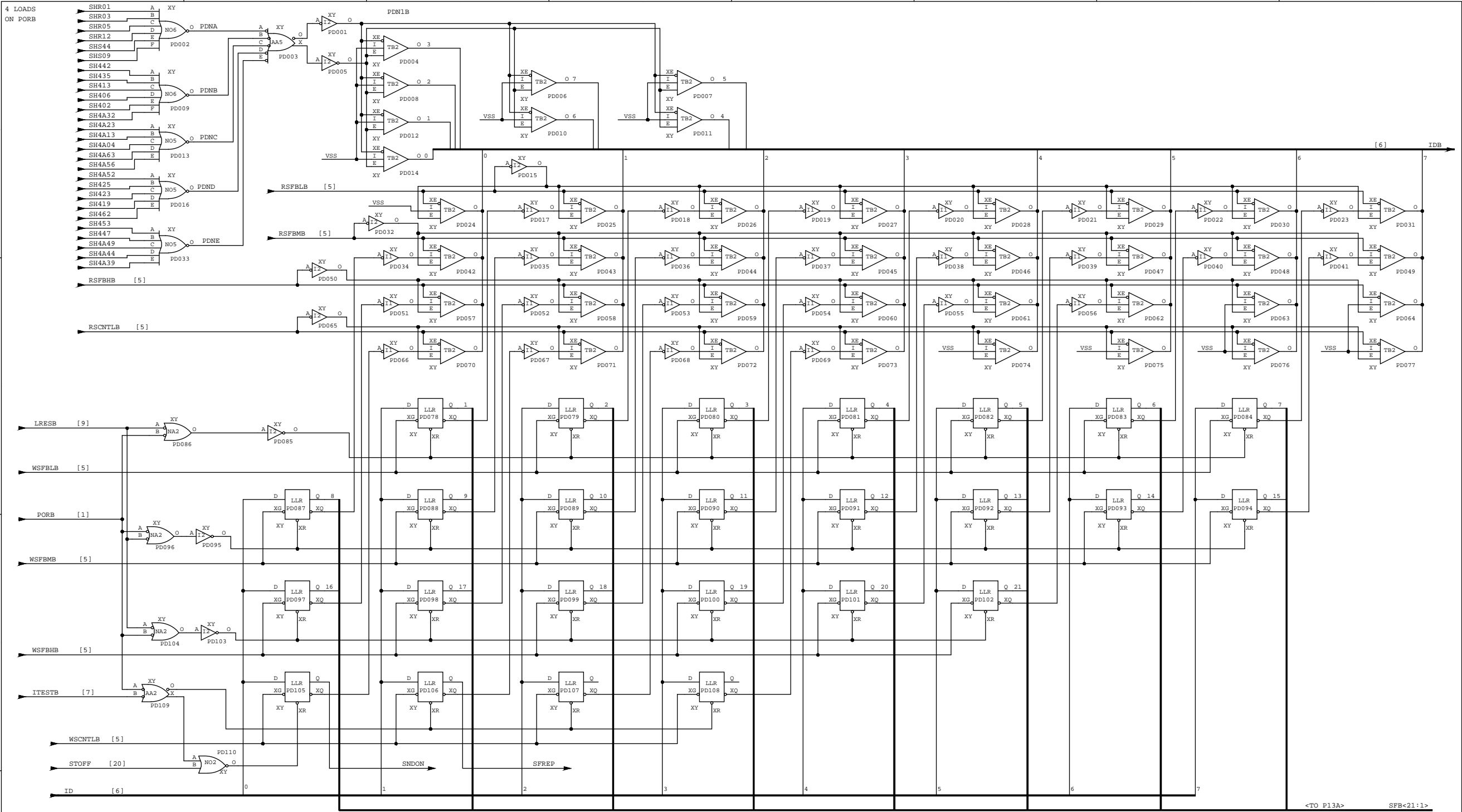








VIDEO REGISTERS				
Atari Corporation				
1196 Borregas Ave, Sunnyvale, CA 94086				
ST MCU / GLUE COMBO				
SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	D.Renn	A
DATE	NOV. 15, 1988	SHEET	12 of 33	



SOUND REGISTERS

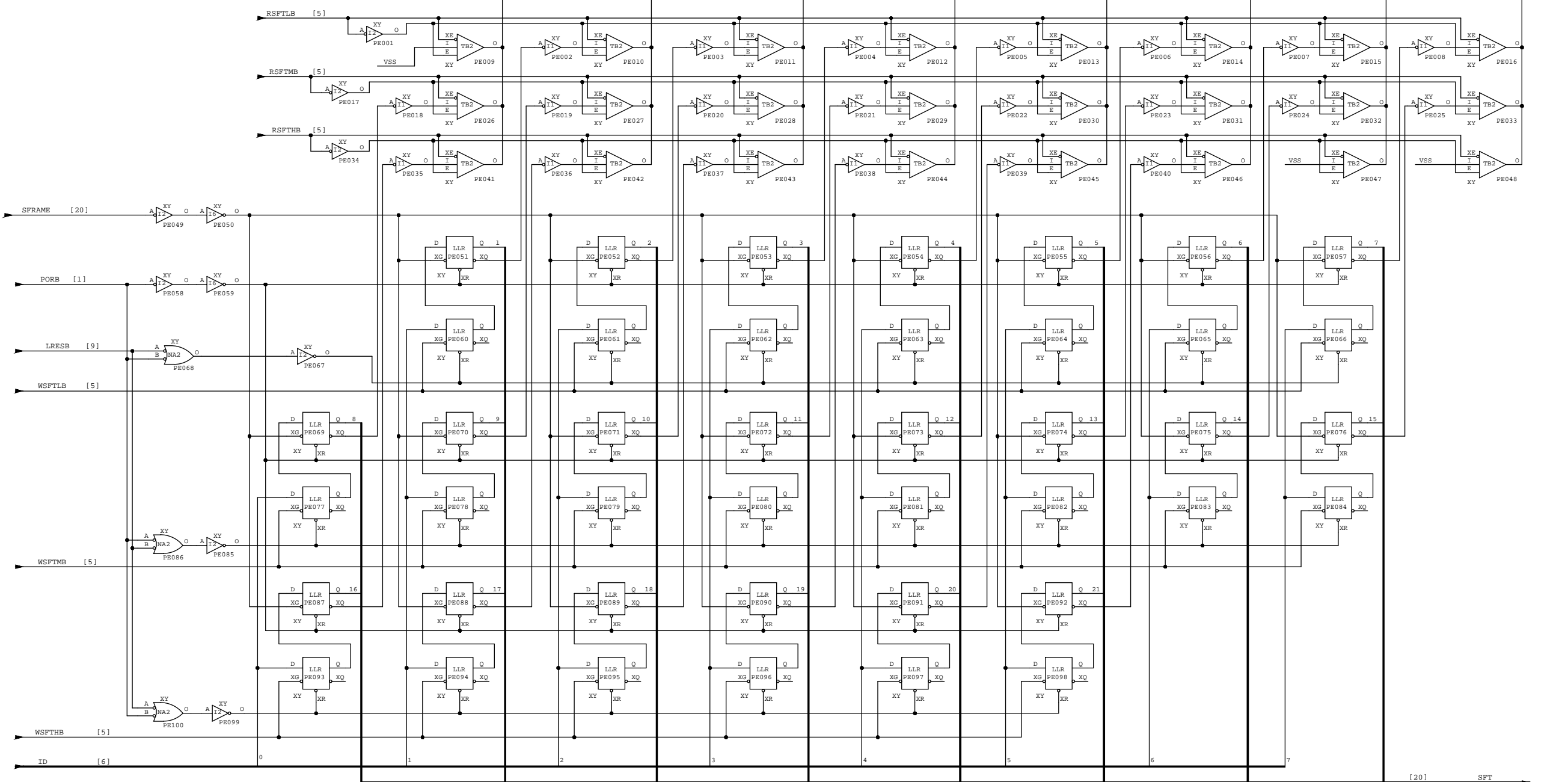
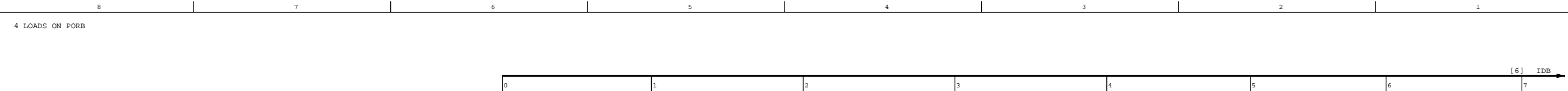
Atari Corporation
1196 Borregas Ave, Sunnyvale, CA 94086

ST MCU / GLUE COMBO

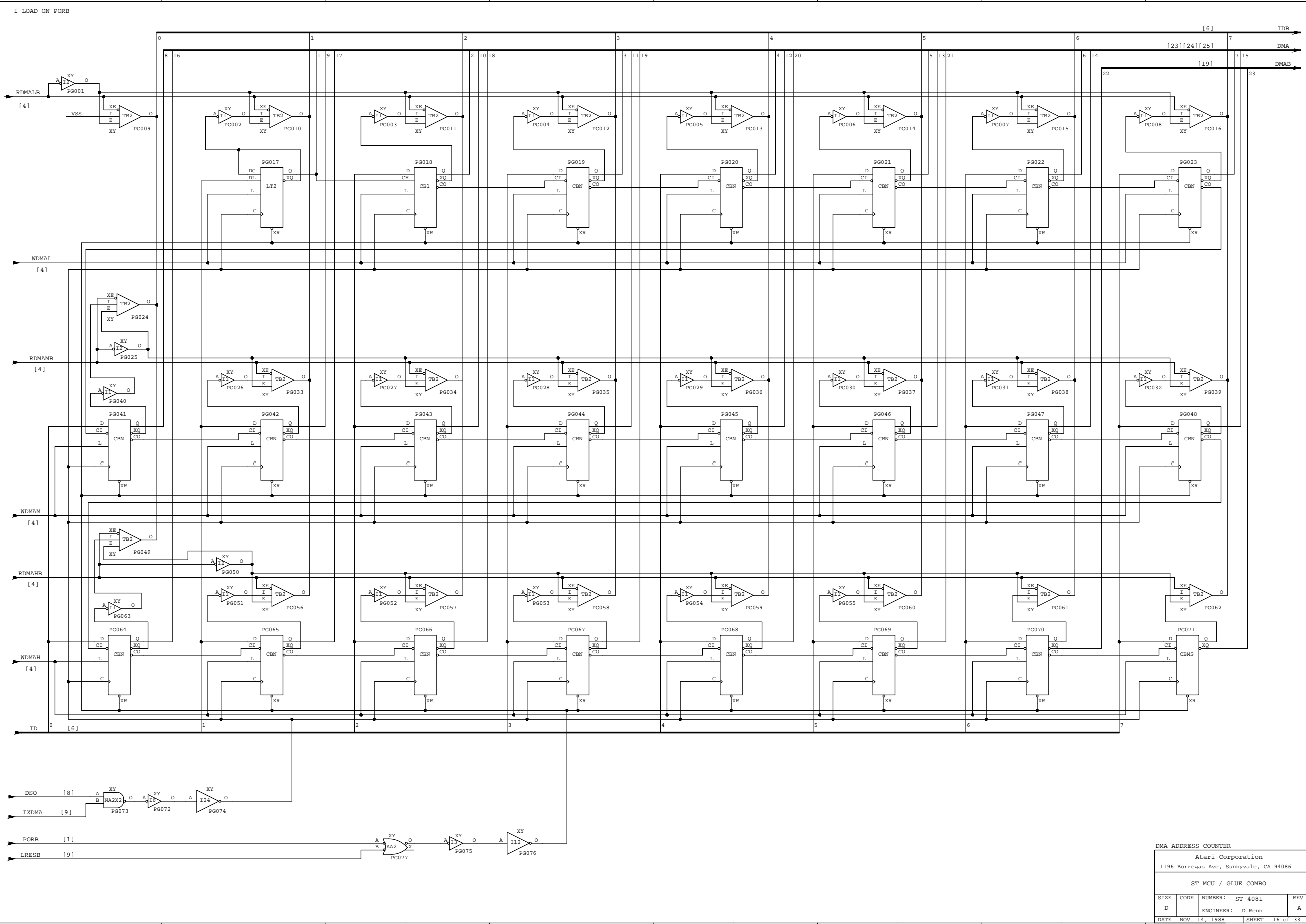
SIZE CODE NUMBER: ST-4081 REV

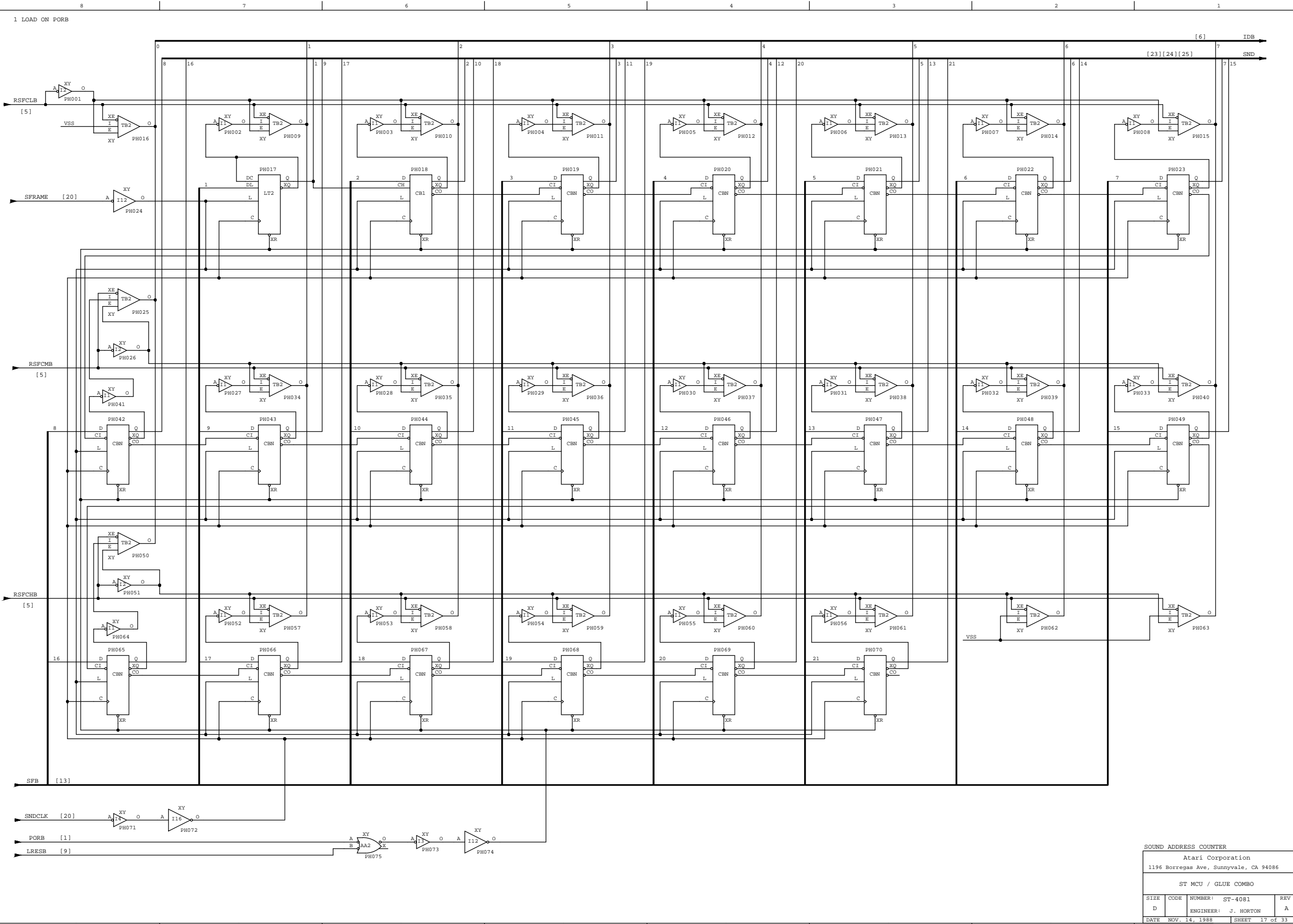
D ENGINEER: J. HORTON A

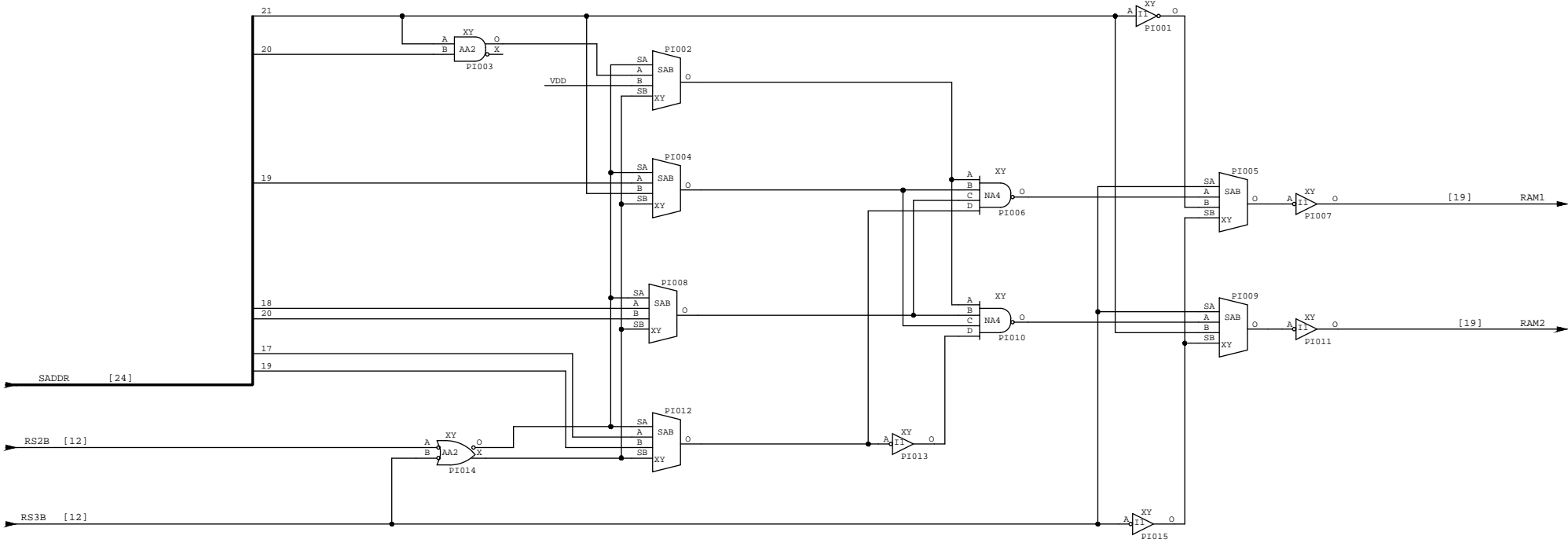
DATE NOV. 15, 1988 SHEET 13 of 33



SOUND REGISTERS				
Atari Corporation				
1196 Borregas Ave, Sunnyvale, CA 94086				
ST MCU / GLUE COMBO				
SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	J. HORTON	A
DATE	NOV. 14, 1988	SHEET	14 of 33	

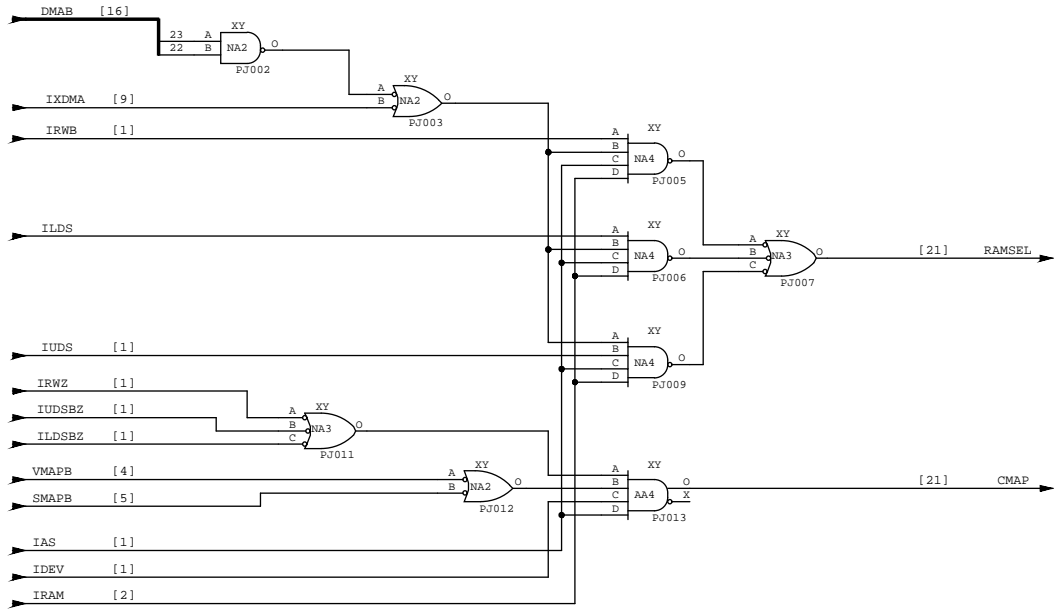
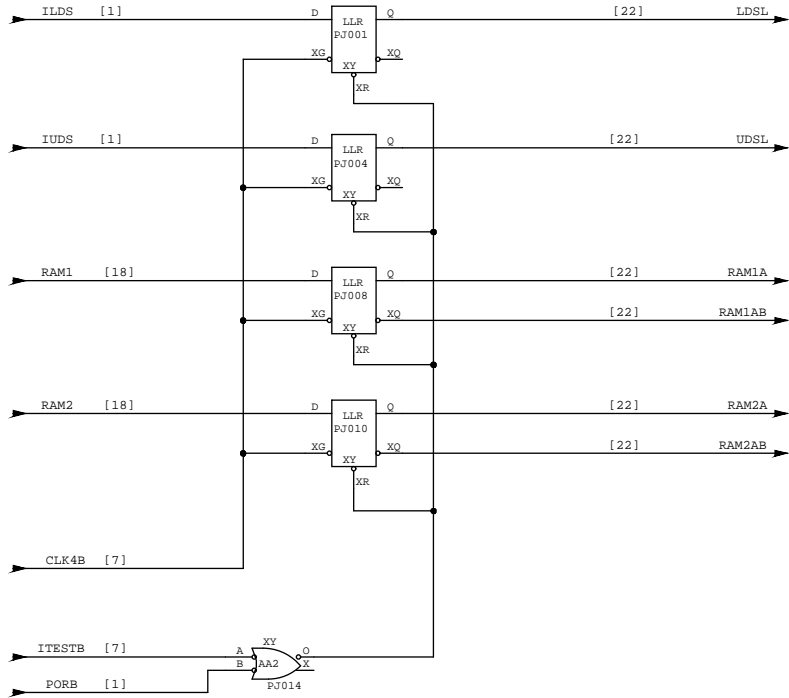






DRAM SIZE/CONFIGURATION DECODES				
Atari Corporation				
1196 Borregas Ave, Sunnyvale, CA 94086				
ST MCU / GLUE COMBO				
SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	J. HORTON	A
DATE	NOV. 08, 1988	SHEET	18 of 33	

1 LOAD ON PORB
3 LOADS ON IAS

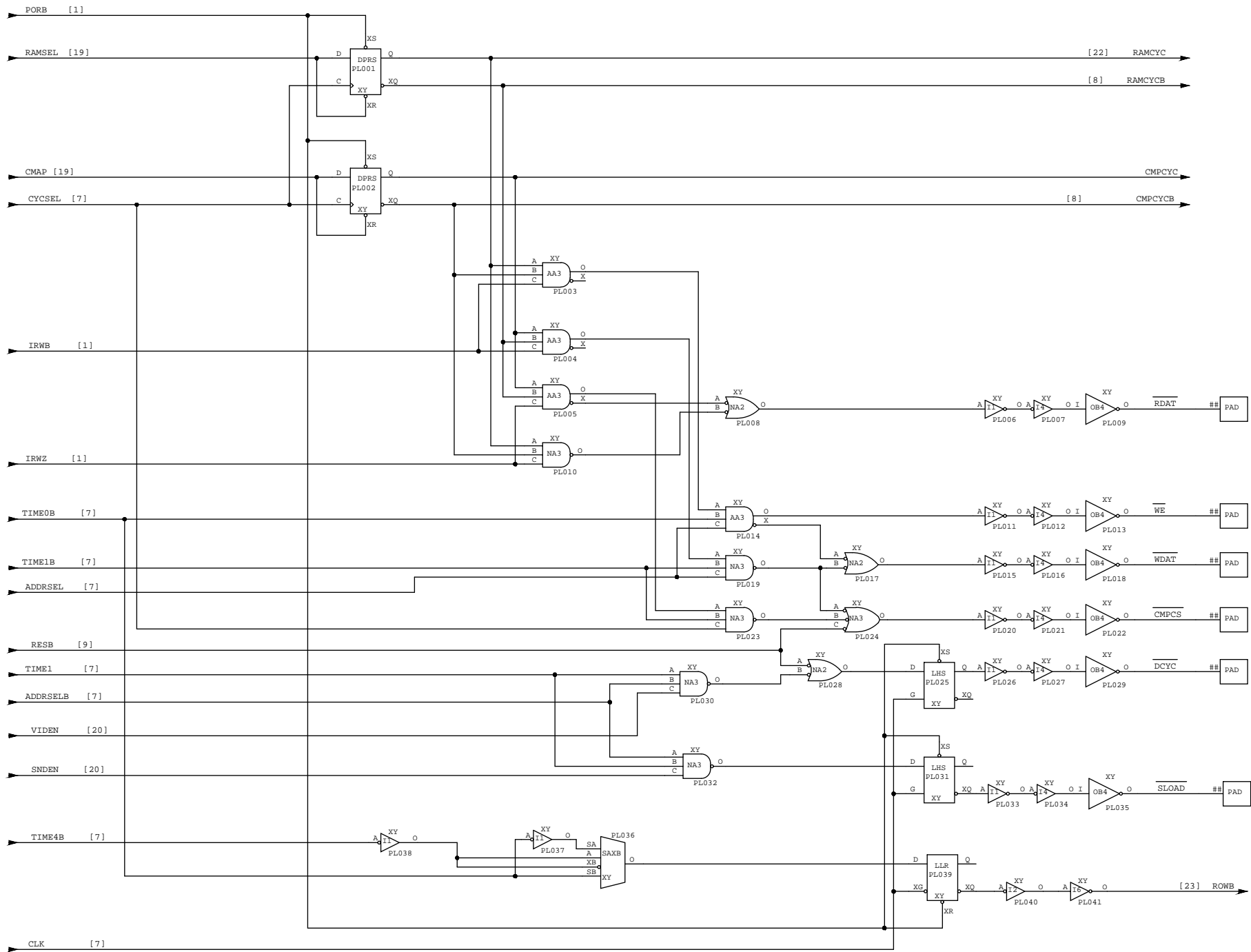


MCU Control 1 of 2

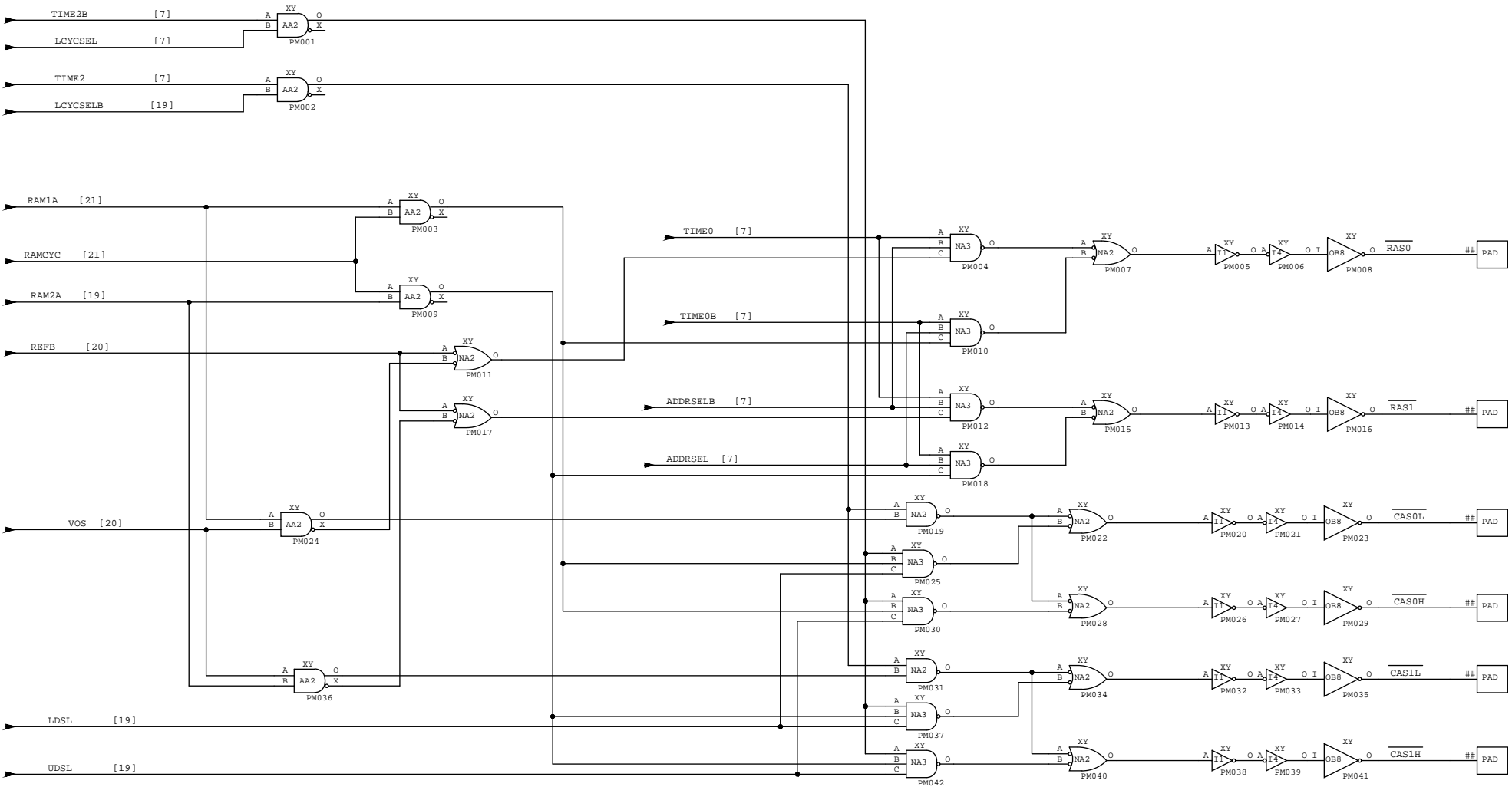
Atari Corporation
1196 Borregas Ave, Sunnyvale, CA 94086

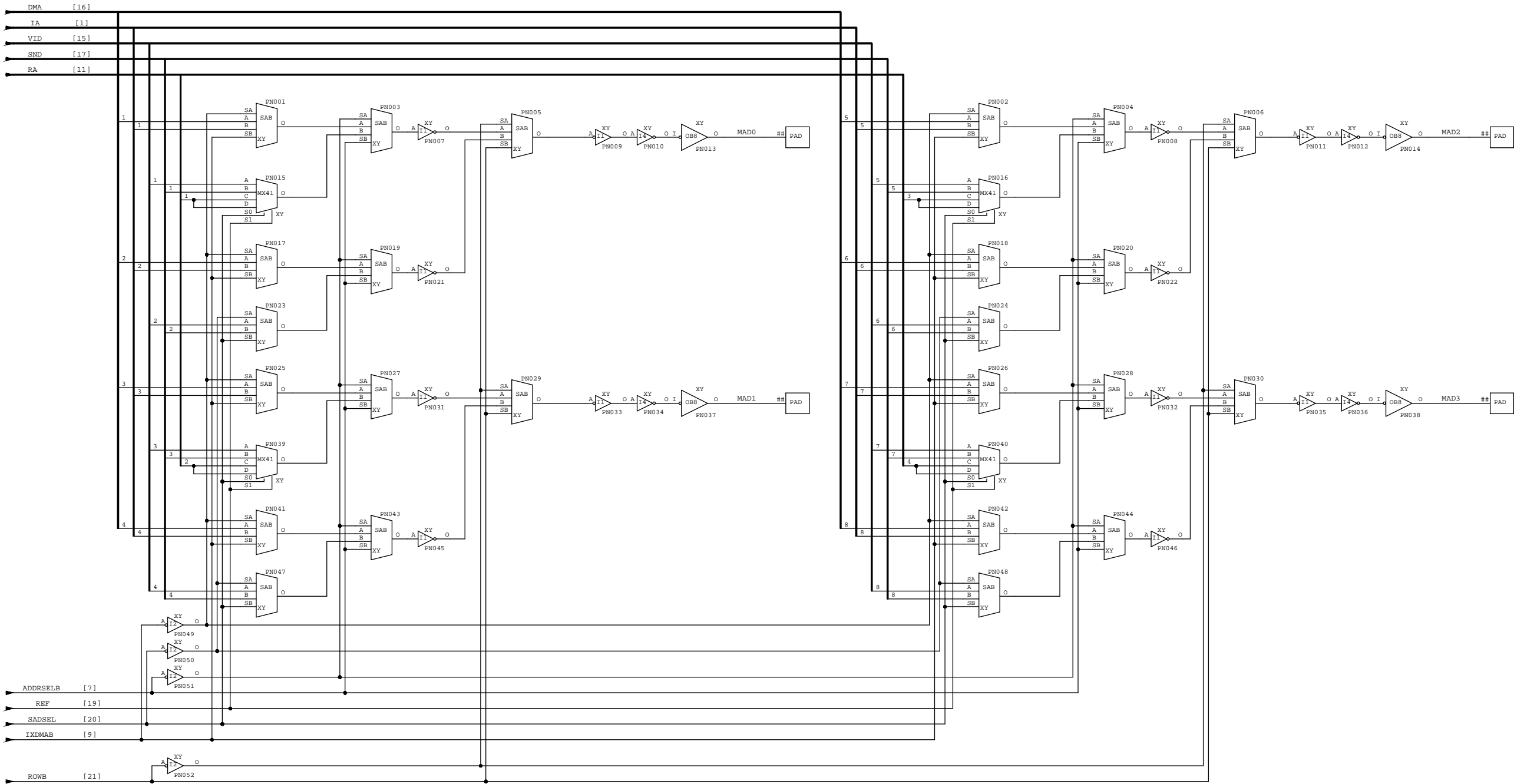
ST MCU / GLUE COMBO

SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	D.Renn	A
DATE	NOV. 08, 1988	SHEET	19 of 33	



0 LOADS ON PORB

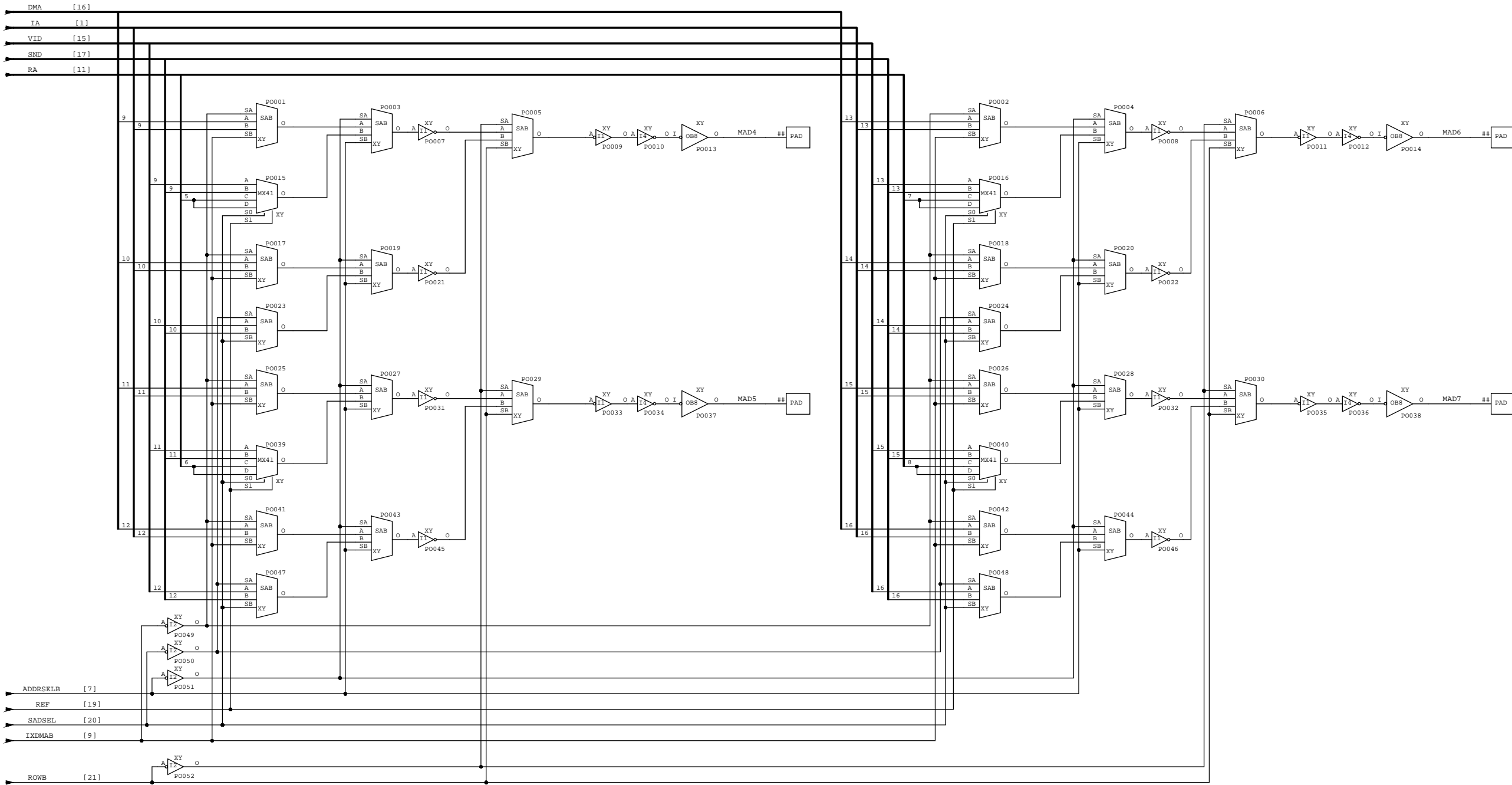




IXDMAB	SADSEL	REF	ADDRSELB	DMA
0	X	X	0	DMA
1	X	X	0	CPU
X	0	0	1	VIDEO
X	1	0	1	SOUND
X	X	1	1	REF

MEMORY ADDR MUX 1 OF 3

ATARI CORPORATION 1196 BORREGAS, SUNNYVALE, CA 94086			
ST MCU / GLUE COMBO			
SIZE	CODE	NUMBER: ST-4081	REV
D		ENGINEER: JOHN HORTON	A
DATE	OCT. 27, 1988	SHEET	23 OF 33



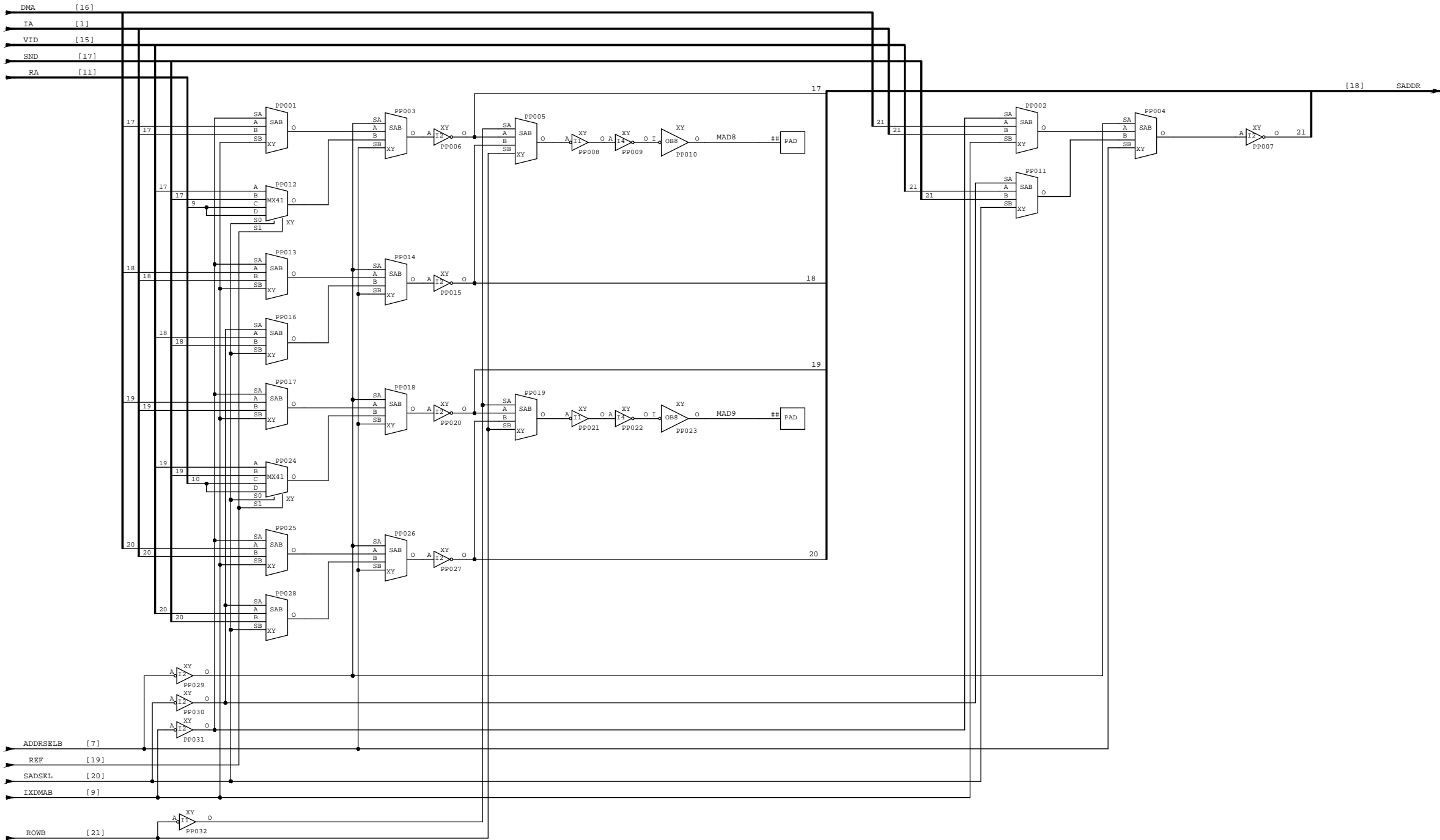
MEMORY ADDR MUX 2 OF 3

ATARI CORPORATION
1196 BORREGAS, SUNNYVALE, CA 94086

ST MCU / GLUE COMBO

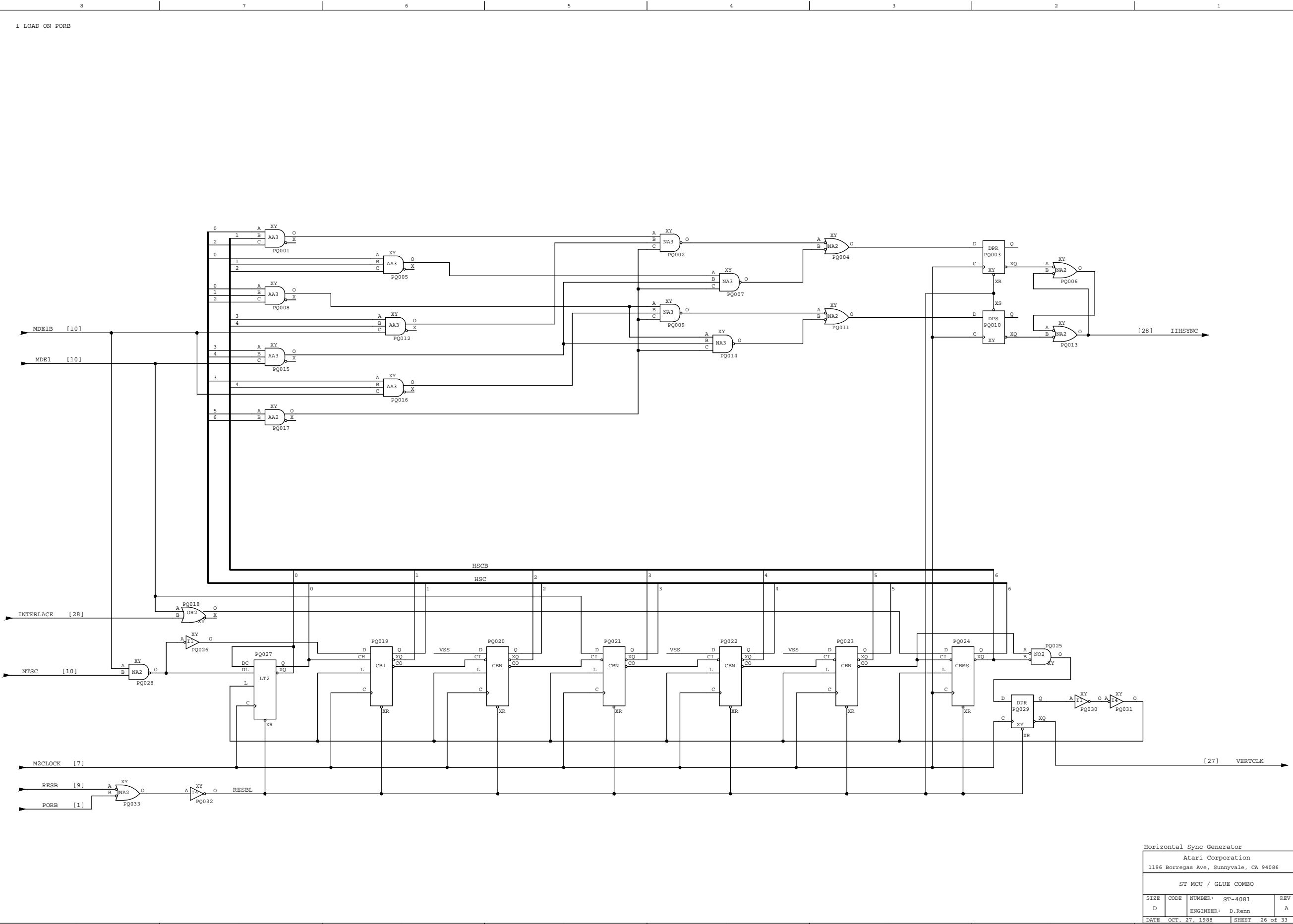
SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	JOHN HORTON	A

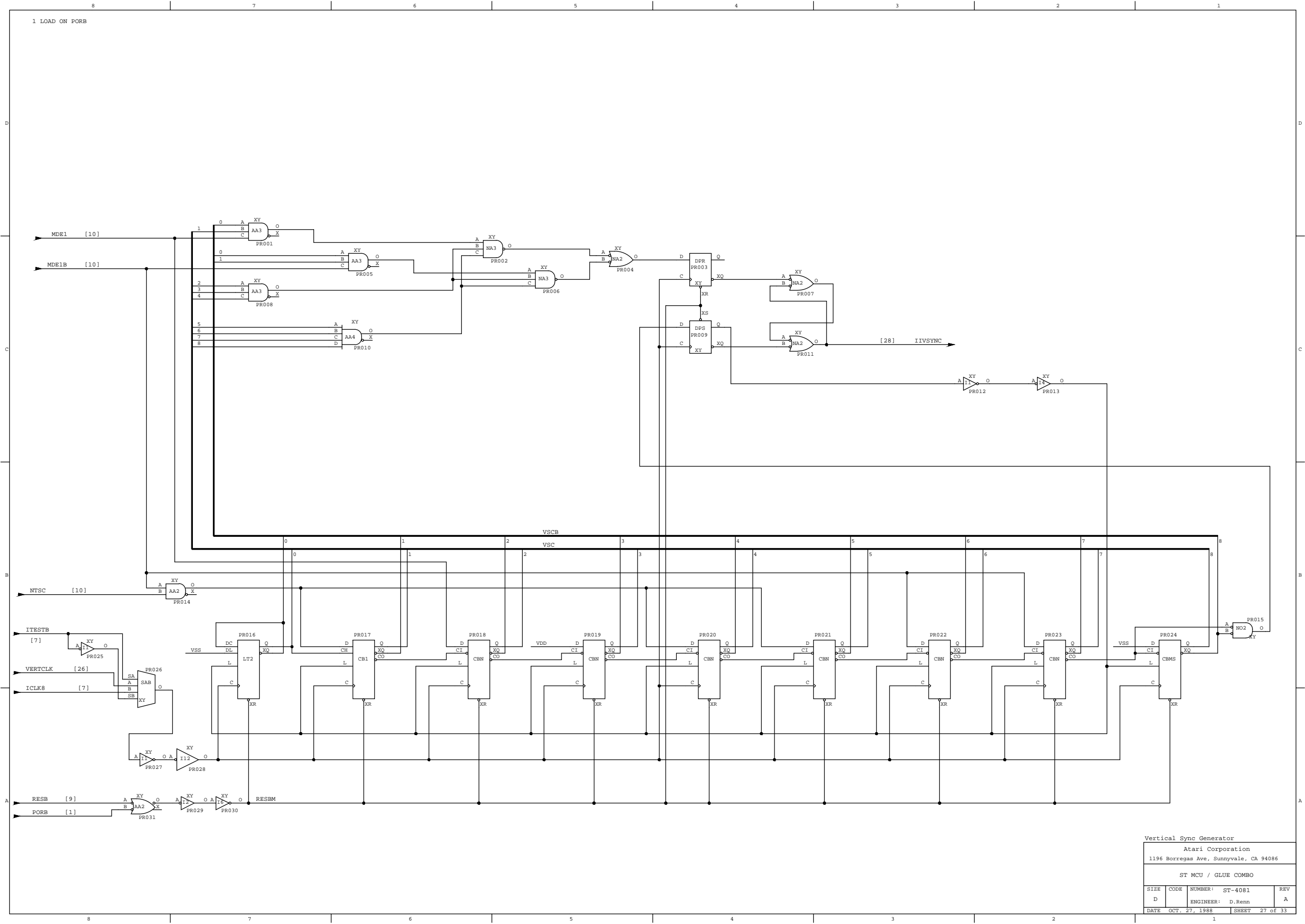
DATE	OCT. 27, 1988	SHEET	24 OF 33
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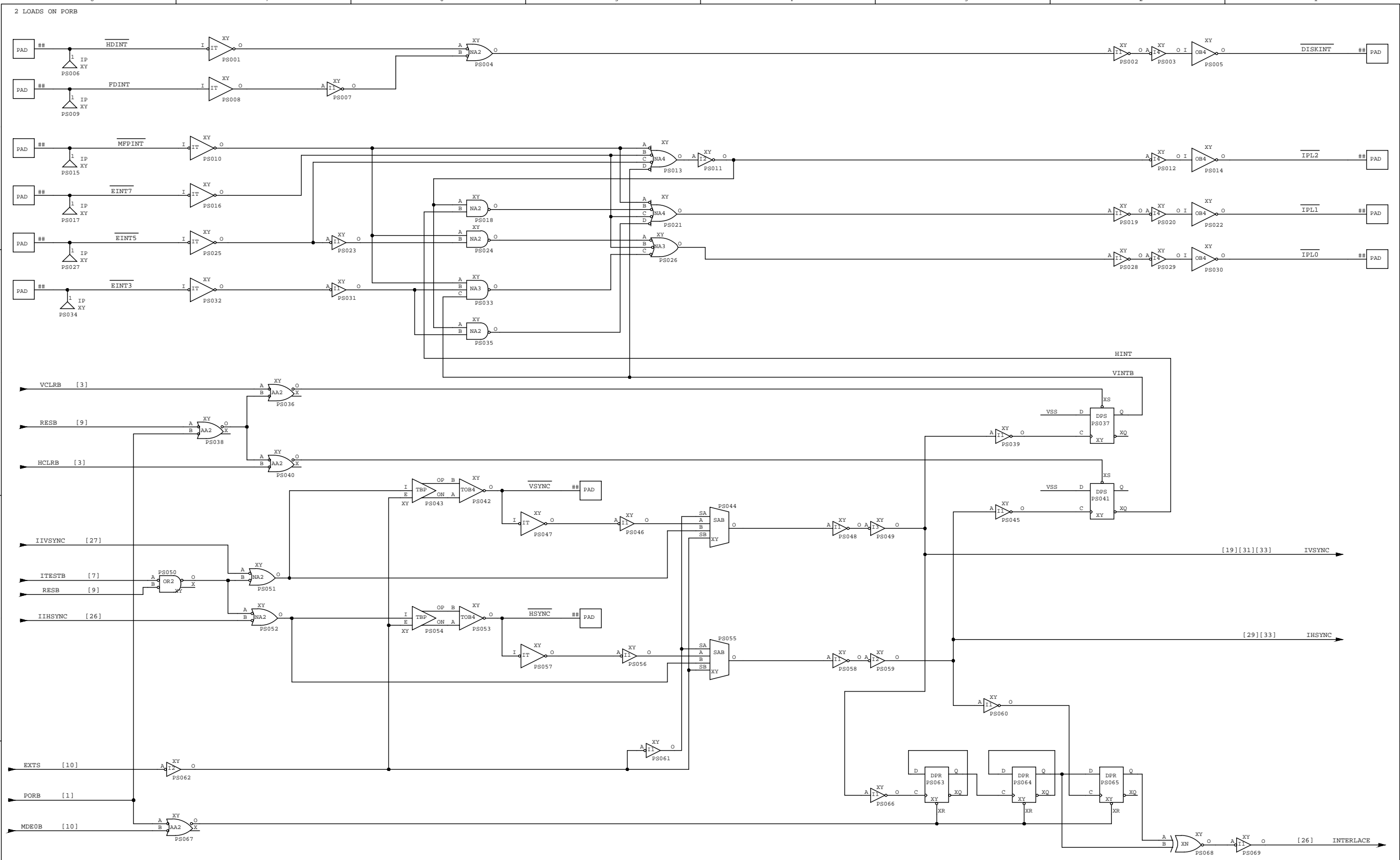


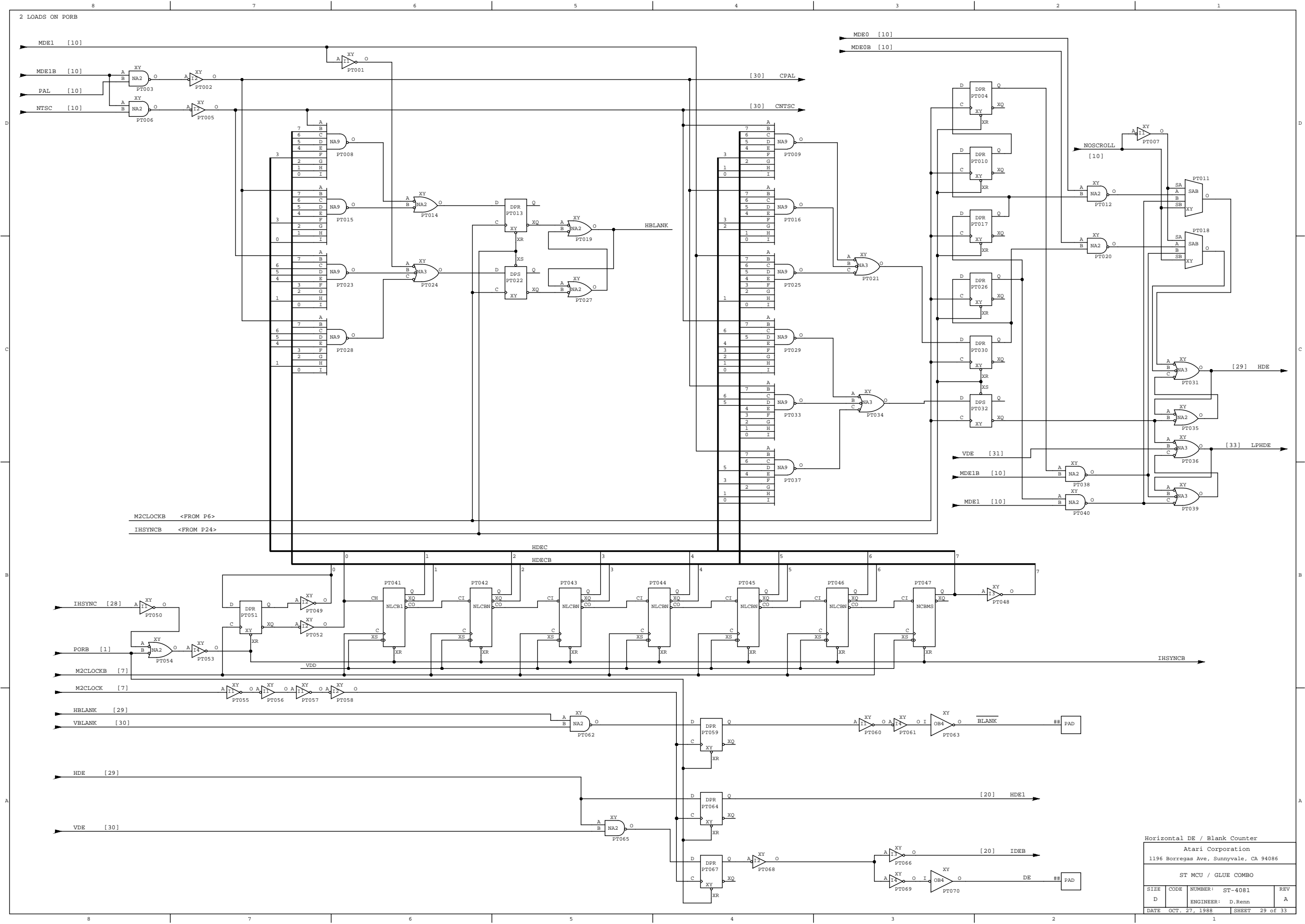
MEMORY ADDR MUX 3 OF 3

ATARI CORPORATION 1196 BORREGAS, SUNNYVALE, CA 94086			
ST MCU / GLUE COMBO			
SIZE D	CODE	NUMBER: ST-4081 ENGINEER: JOHN HORTON	REV A
DATE OCT. 27, 1988	SHEET 25 OF 33		

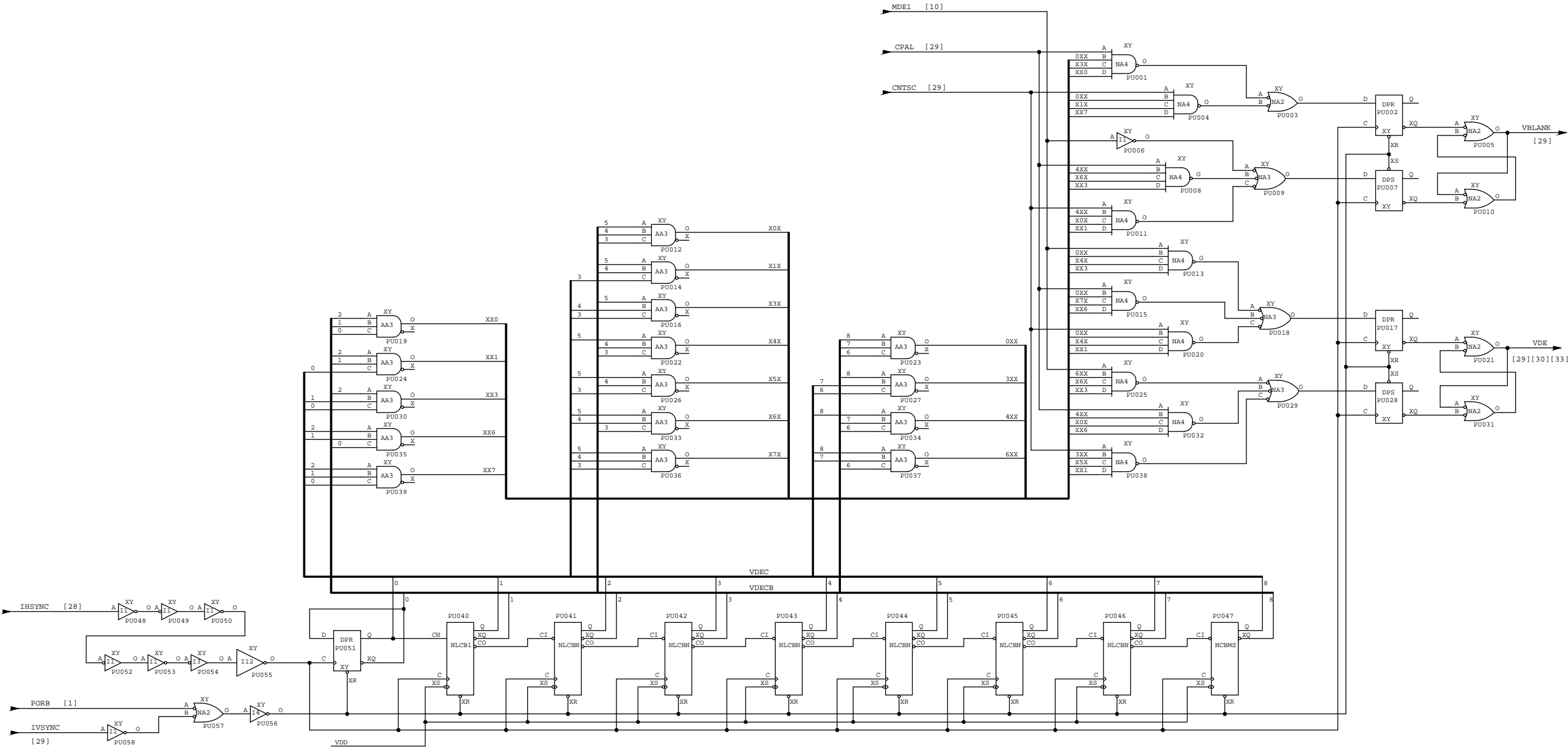


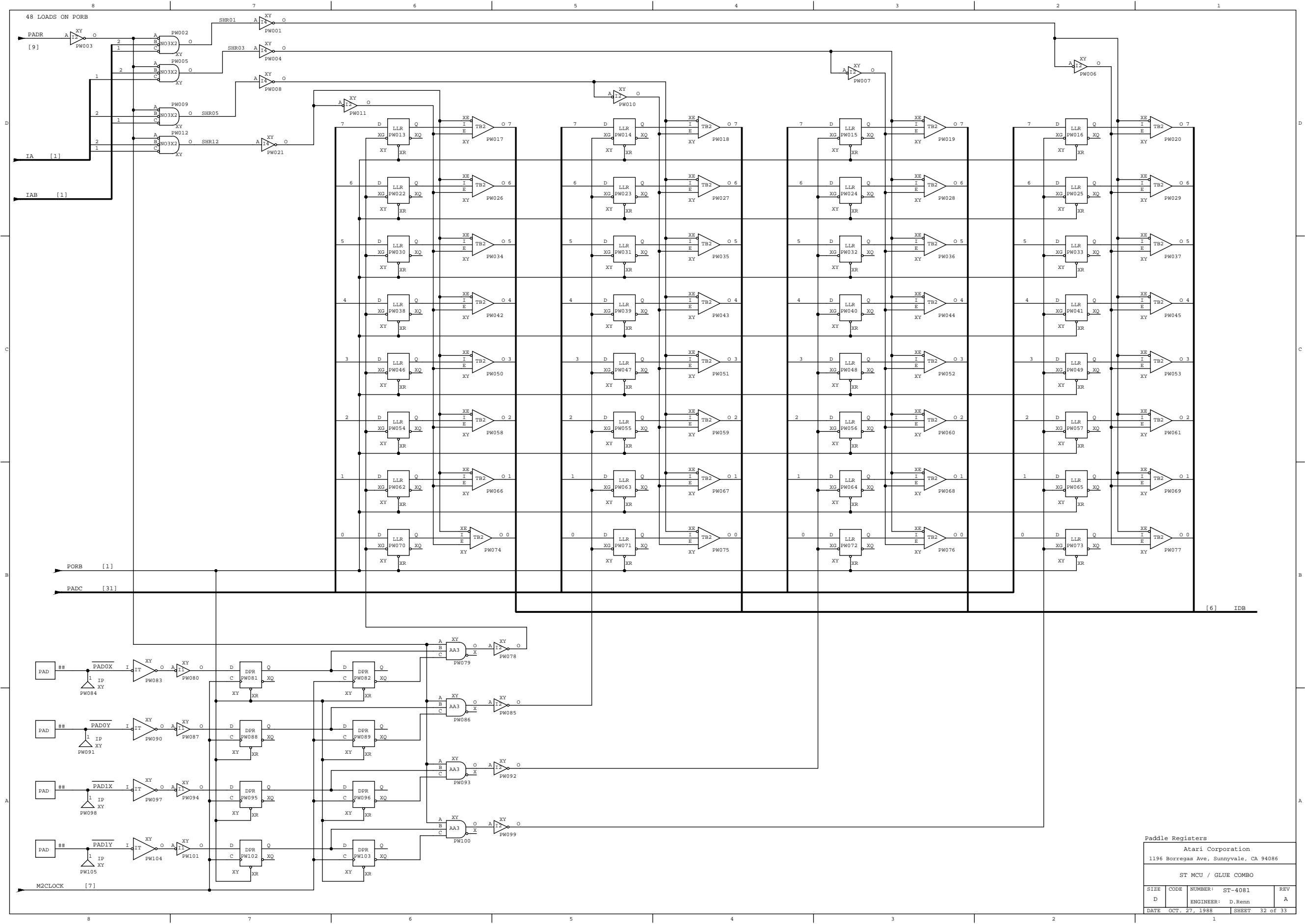




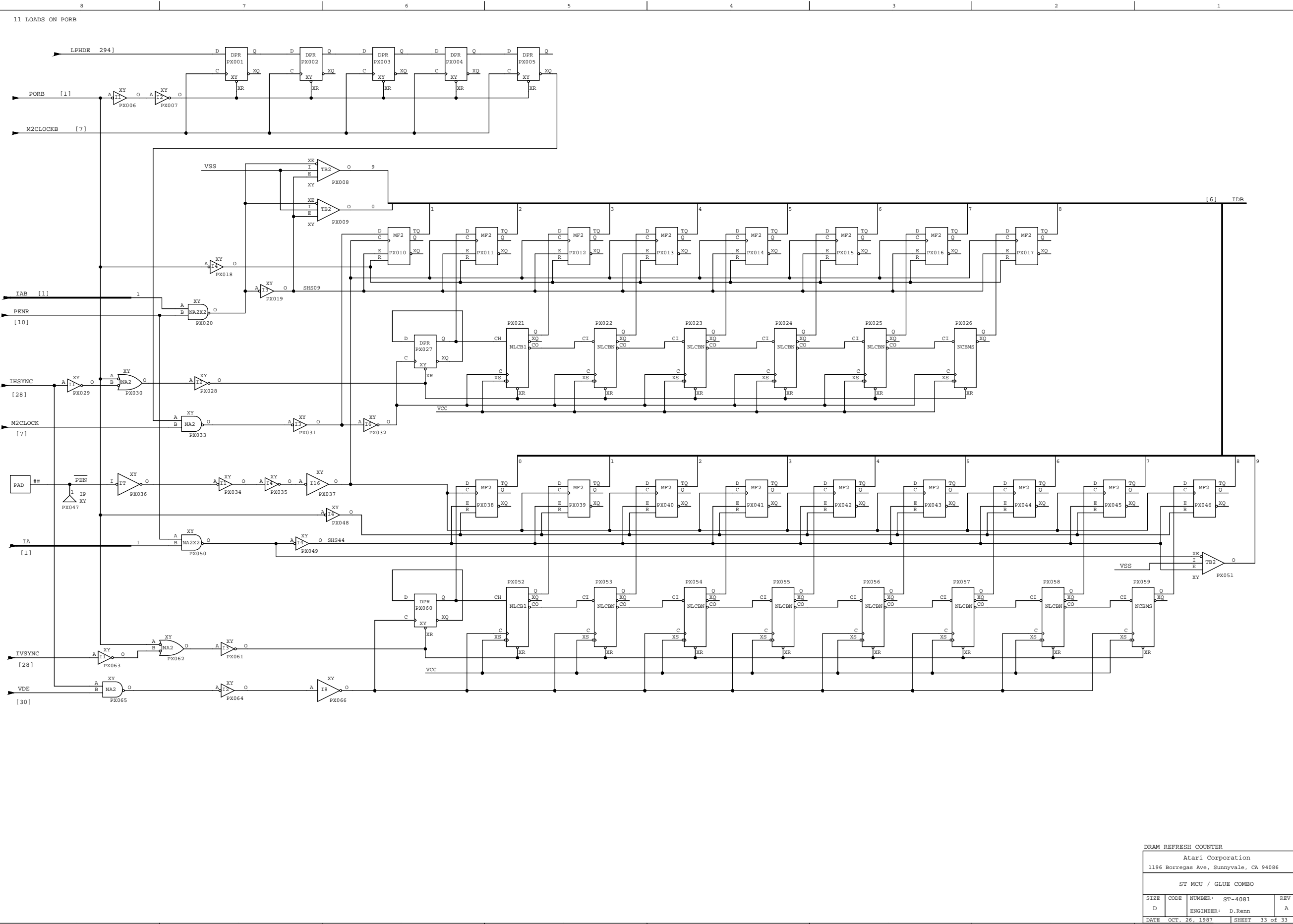


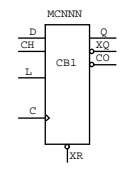
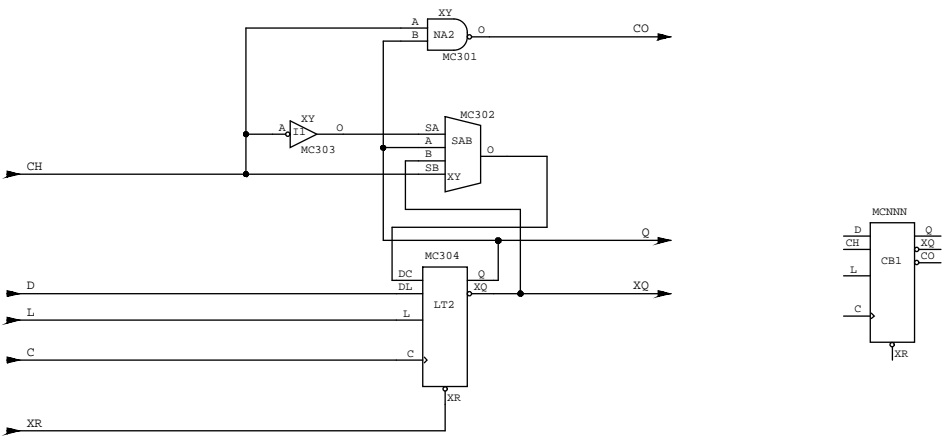
1 LOAD ON PORB



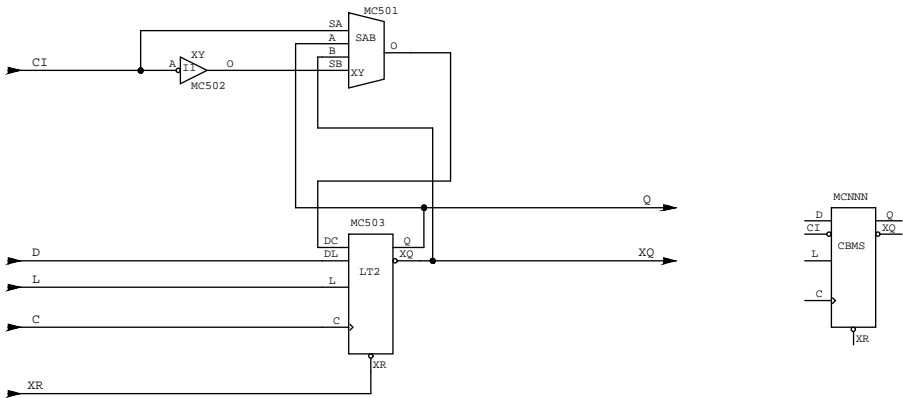


Paddle Registers				
Atari Corporation				
1196 Borregas Ave, Sunnyvale, CA 94086				
ST MCU / GLUE COMBO				
SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	D.Renn	A
DATE	OCT. 27, 1988	SHEET	32 of 33	

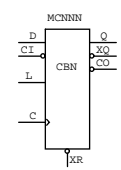
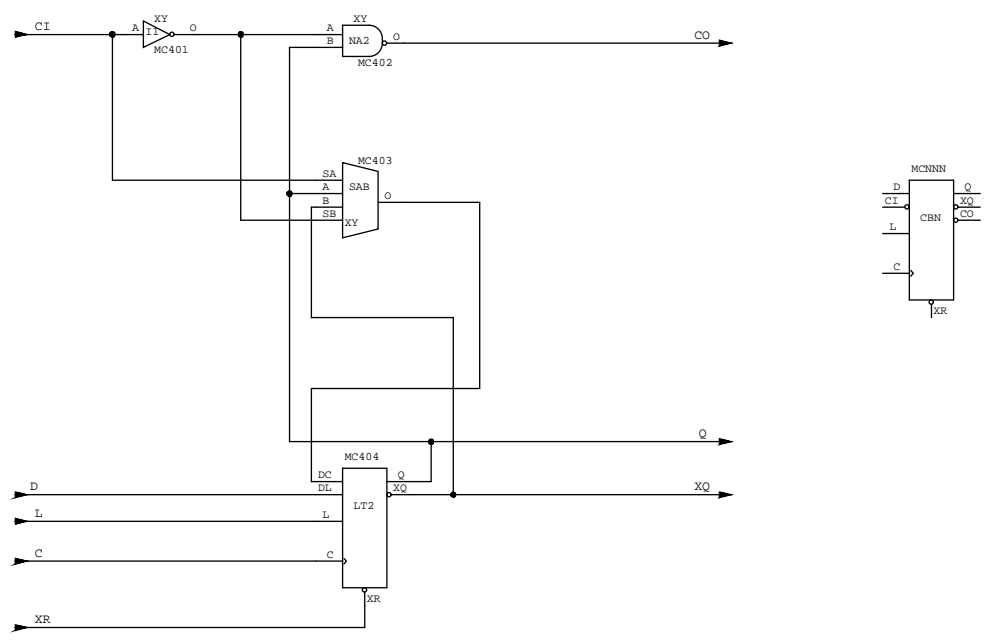




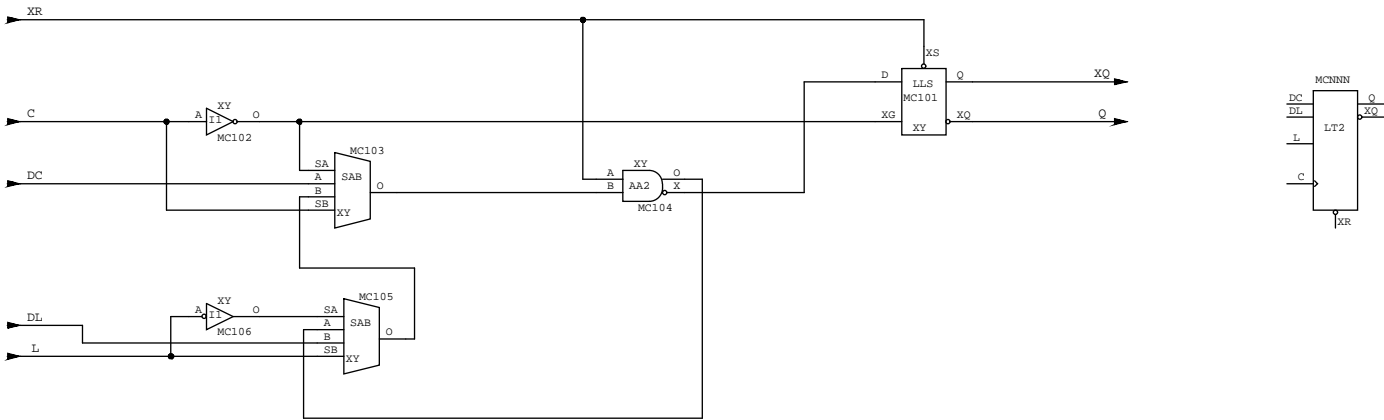
CBI				
Atari Corporation 1196 Borregas Ave, Sunnyvale, CA 94086				
ST MCU / GLUE COMBO				
SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	D.Renn	A
DATE	OCT.26, 1988	SHEET	3 OF 14	



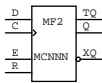
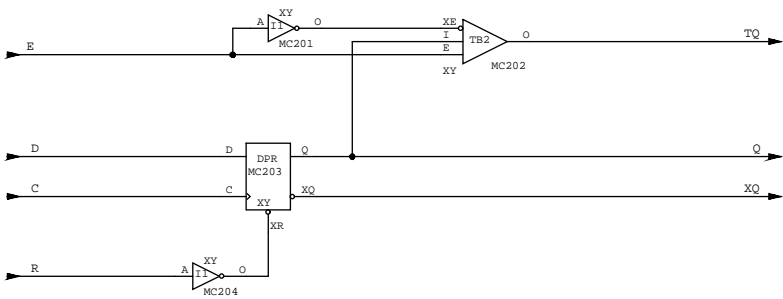
CBMS				
Atari Corporation				
1196 Borregas Ave, Sunnyvale, CA 94086				
ST MCU / GLUE COMBO				
SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	D.Renn	A
DATE	OCT.26, 1988	SHEET	5 OF 14	



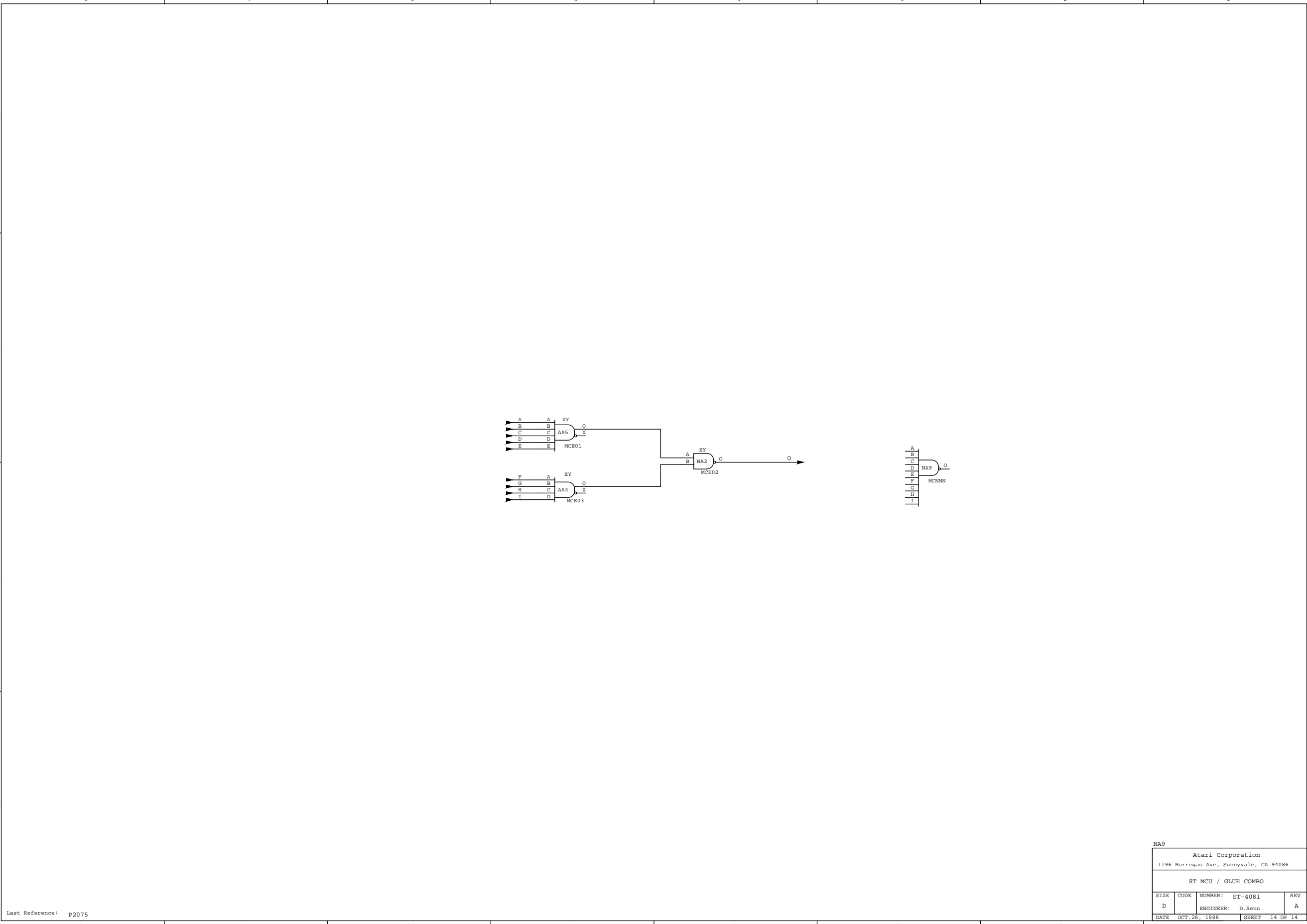
CBN				
Atari Corporation 1196 Borregas Ave, Sunnyvale, CA 94086				
ST MCU / GLUE COMBO				
SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	D.Renn	A
DATE	OCT.26, 1988	SHEET	4 OF 14	

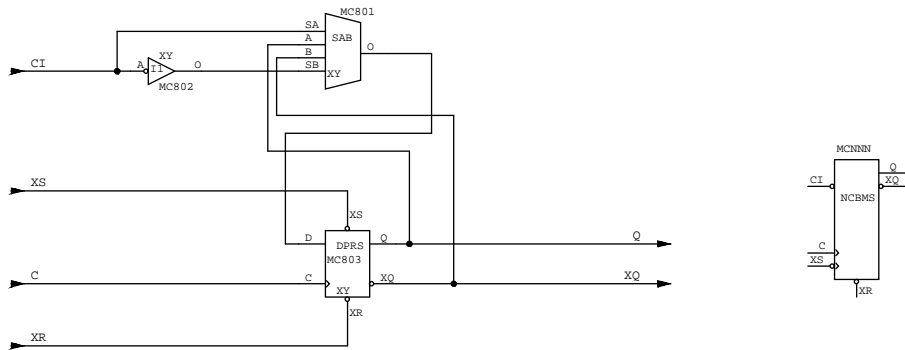


LT2			
Atari Corporation 1196 Borregas Ave, Sunnyvale, CA 94086			
ST MCU / GLUE COMBO			
SIZE	CODE	NUMBER:	REV
D		ST-4081	B
ENGINEER:		D.Renn	
DATE	OCT.26, 1988	SHEET	1 OF 14

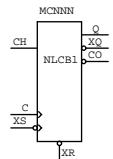
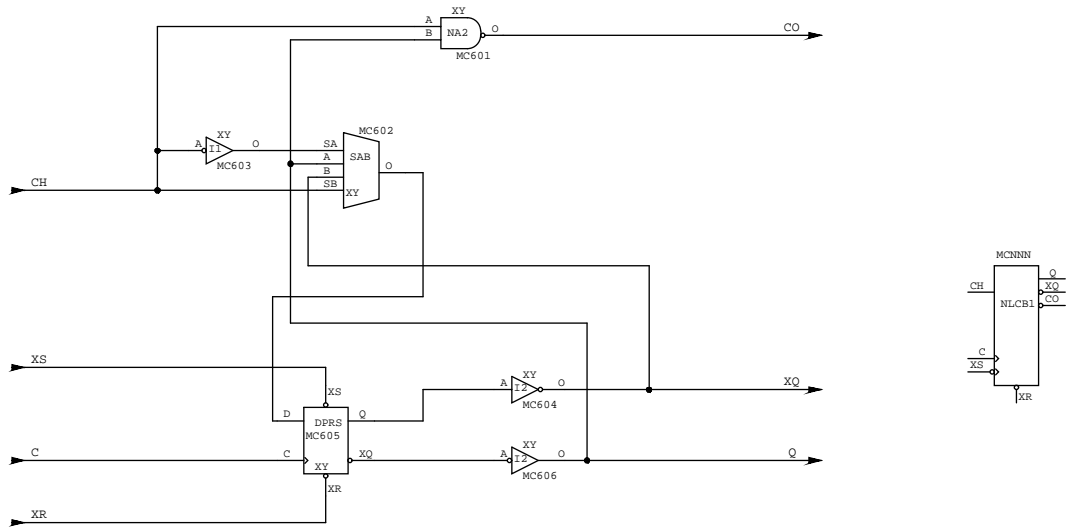


MF2			
Atari Corporation 1196 Borregas Ave, Sunnyvale, CA 94086			
ST MCU / GLUE COMBO			
SIZE	CODE	NUMBER:	REV
D		ST-4081	A
ENGINEER:		D.Renn	
DATE	OCT.26, 1988	SHEET	2 OF 14

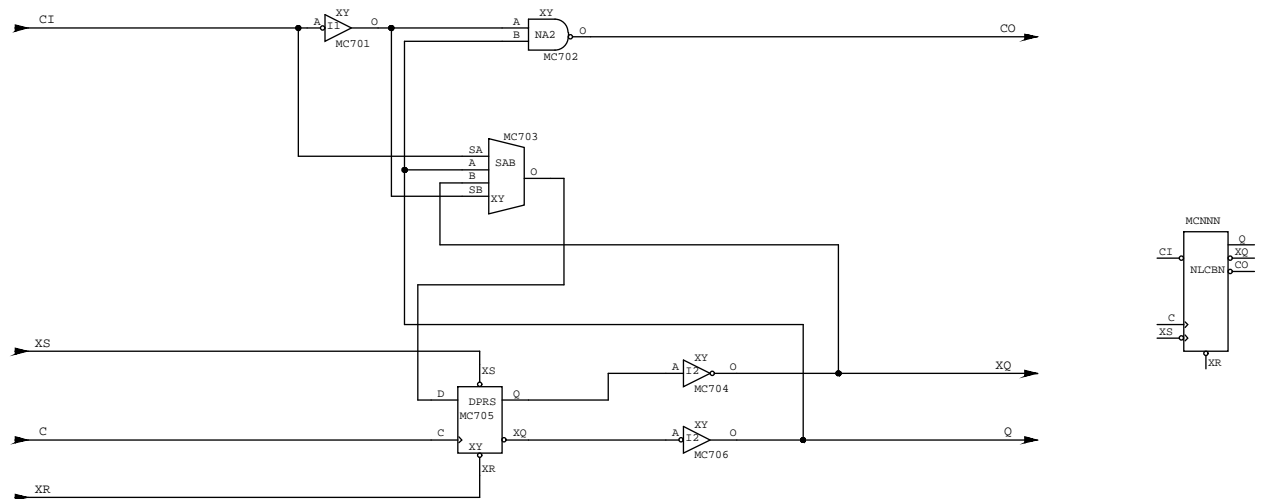




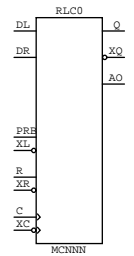
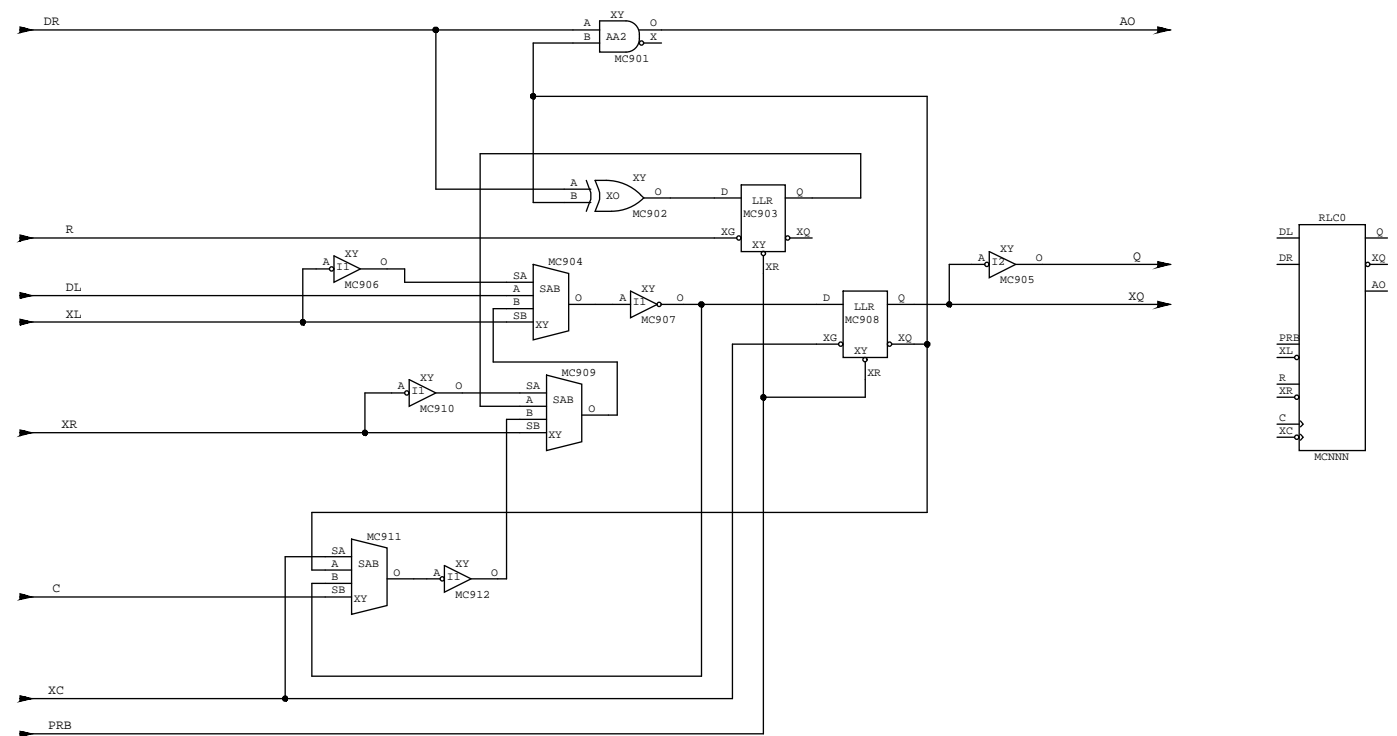
NCBMS				
Atari Corporation 1196 Borregas Ave, Sunnyvale, CA 94086				
ST MCU / GLUE COMBO				
SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	D.Renn	A
DATE	OCT.26, 1988	SHEET	8 OF 14	



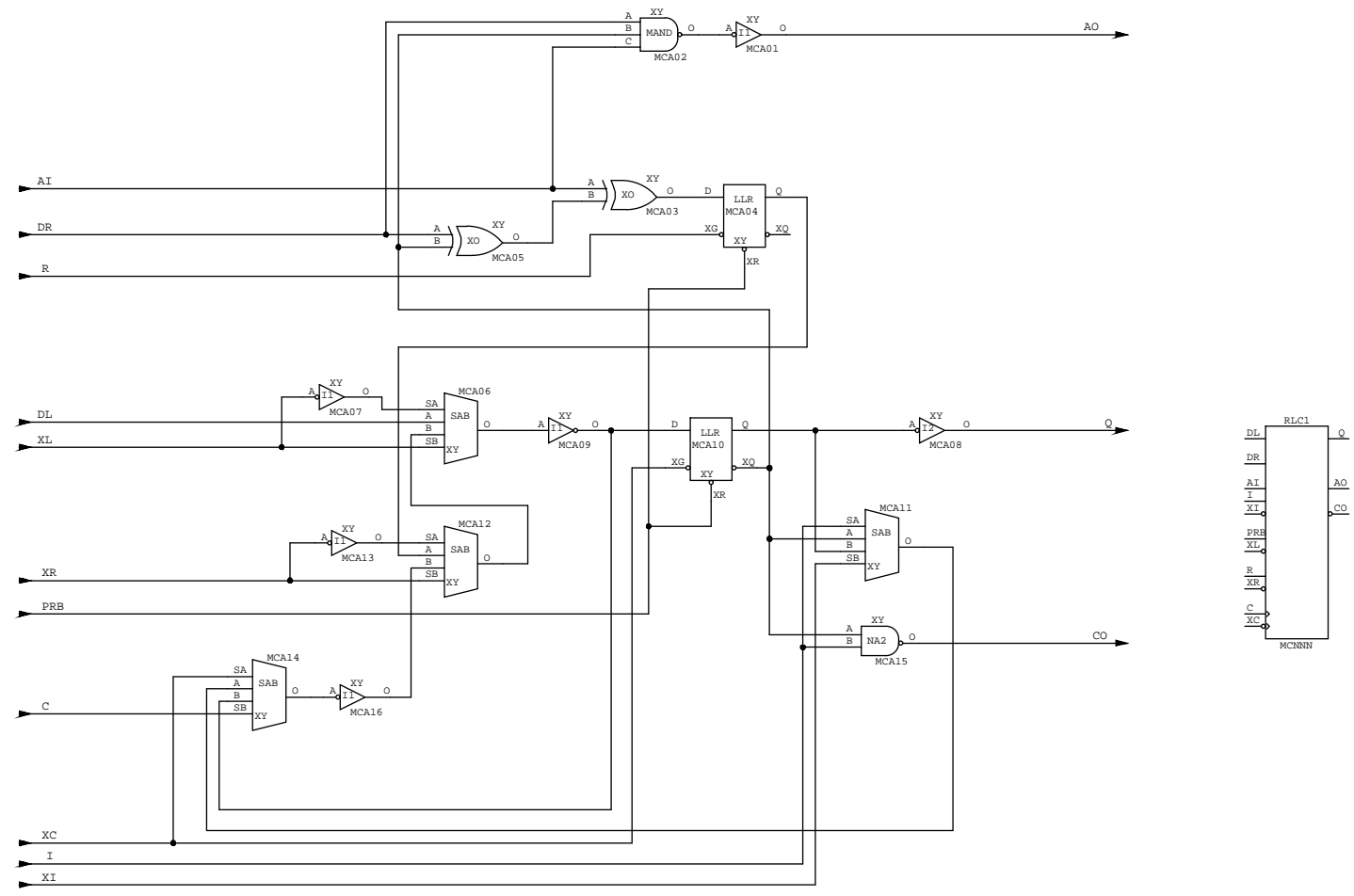
NLCB1			
Atari Corporation 1196 Borregas Ave, Sunnyvale, CA 94086			
ST MCU / GLUE COMBO			
SIZE	CODE	NUMBER:	REV
D		ST-4081	A
DATE	OCT.26, 1988	ENGINEER:	D.Renn
SHEET		6 OF 14	

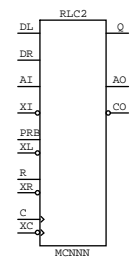
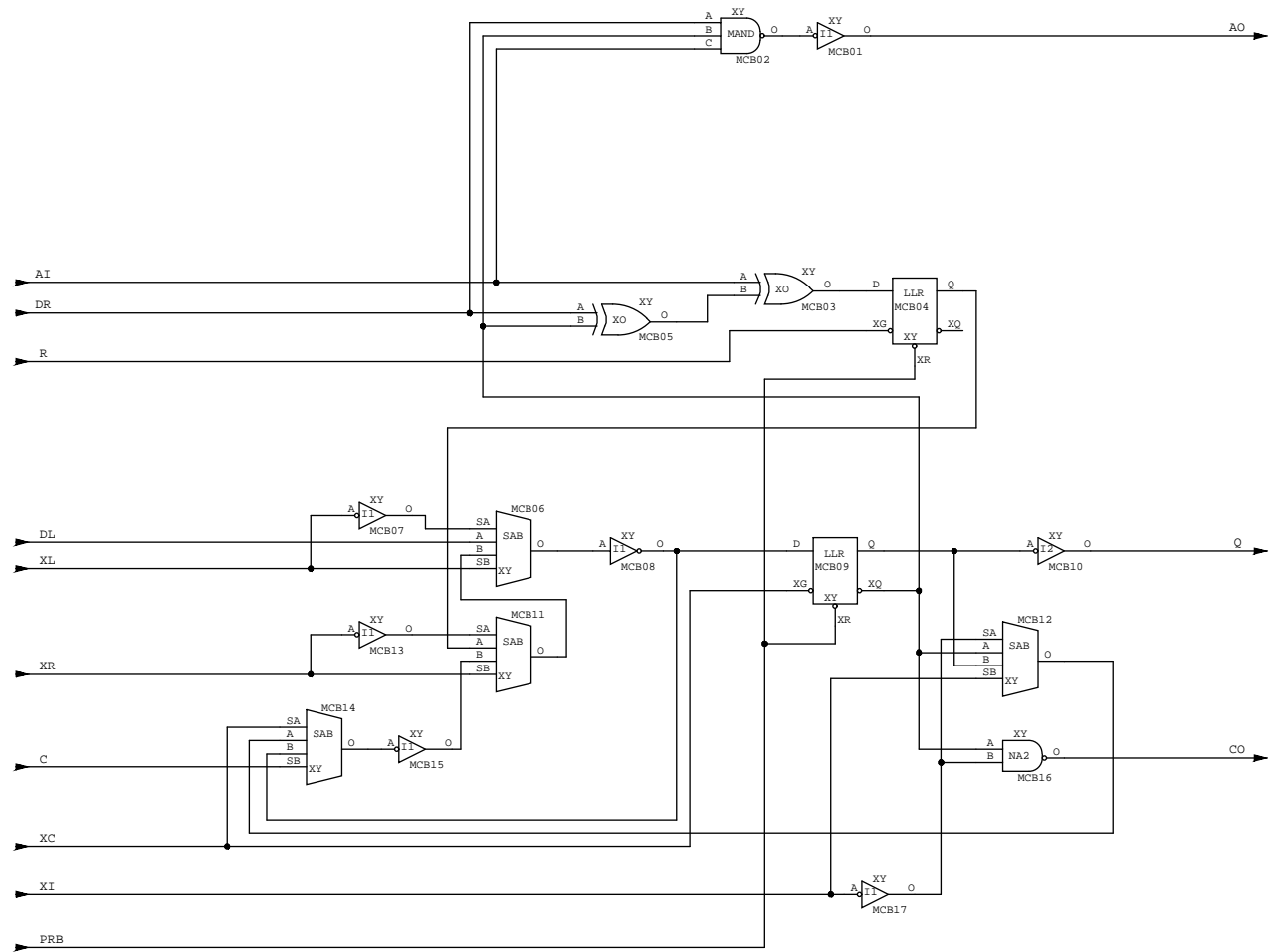


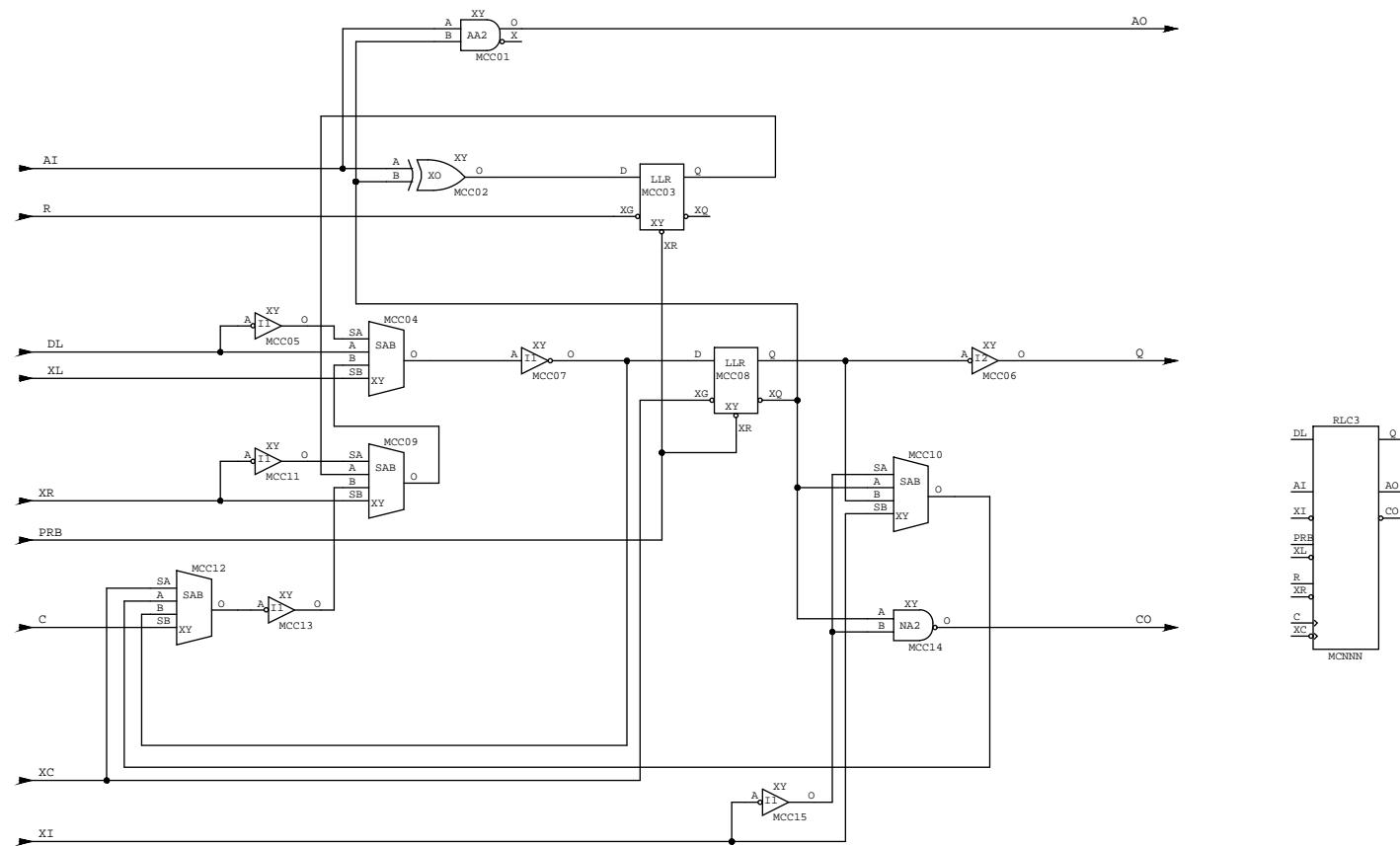
NLCBN				
Atari Corporation 1196 Borregas Ave, Sunnyvale, CA 94086				
ST MCU / GLUE COMBO				
SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	D.Renn	A
DATE	OCT.26, 1988	SHEET	7 OF 14	



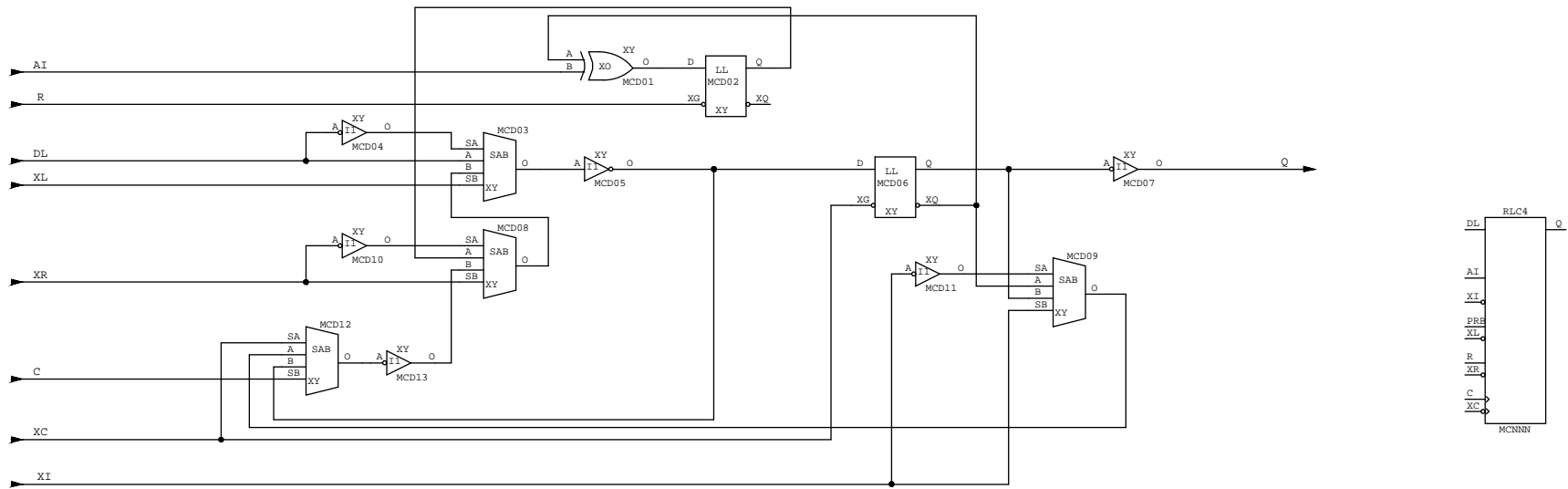
RLC0				
Atari Corporation 1196 Borregas Ave, Sunnyvale, CA 94086				
ST MCU / GLUE COMBO				
SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	D.Renn	A
DATE	OCT.26, 1988	SHEET	9	OF 14



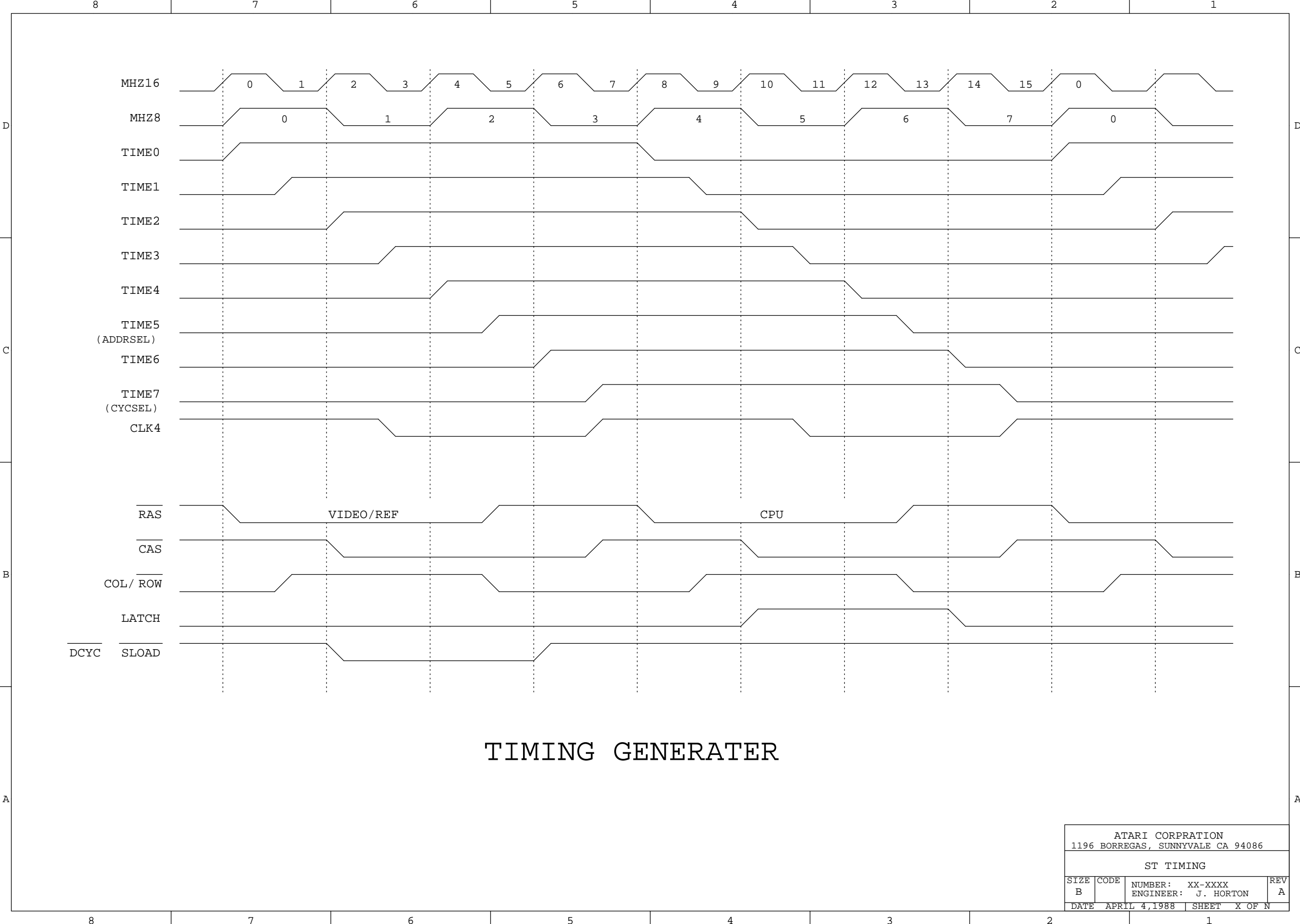




RLC3				
Atari Corporation				
1196 Borregas Ave, Sunnyvale, CA 94086				
ST MCU / GLUE COMBO				
SIZE	CODE	NUMBER:	ST-4081	REV
D		ENGINEER:	D.Renn	A
DATE	OCT. 26, 1988	SHEET	12 OF 14	

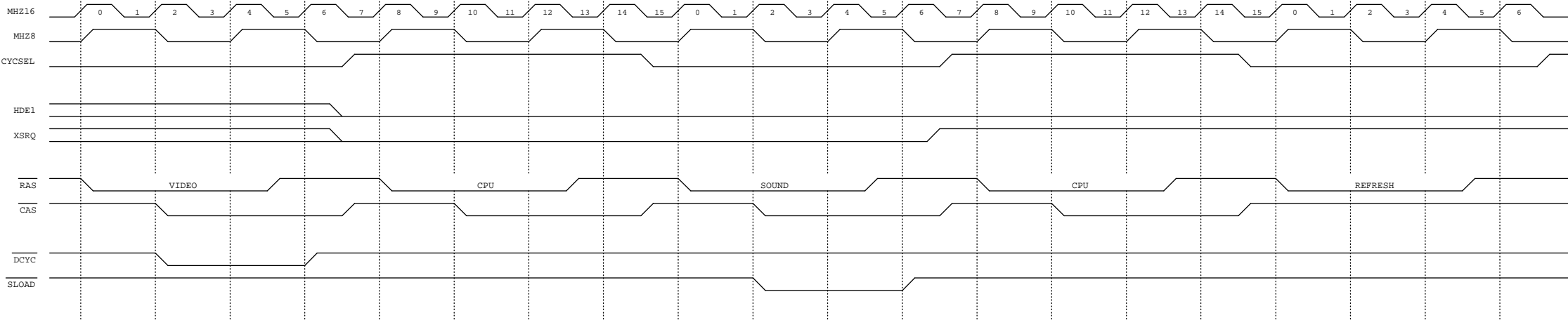


RLC4			
Atari Corporation 1196 Borregas Ave, Sunnyvale, CA 94086			
ST MCU / GLUE COMBO			
SIZE	CODE	NUMBER:	REV
D		ENGINEER: D.Renn	A
DATE	OCT.26, 1988	SHEET	13 OF 14



TIMING GENERATER

ATARI CORPRATION			
1196 BORREGAS, SUNNYVALE CA 94086			
ST TIMING			
SIZE	CODE	NUMBER:	REV
B		XX-XXXX	A
ENGINEER:		J. HORTON	
DATE	APRIL 4, 1988	SHEET	X OF N



VIDEO / SOUND / REFRESH TIMING

ATARI CORPORATION			
1196 BORREGAS, SUNNYVALE, CA 94086			
TITLE: ST TIMING			
CUSTOMER: INTERNAL			
SIZE	CODE	NUMBER: XX-XXXX	REV
D		ENGINEER: JOHN HORTON	A
DATE	APRIL 04, 1988	SHEET	X OF N