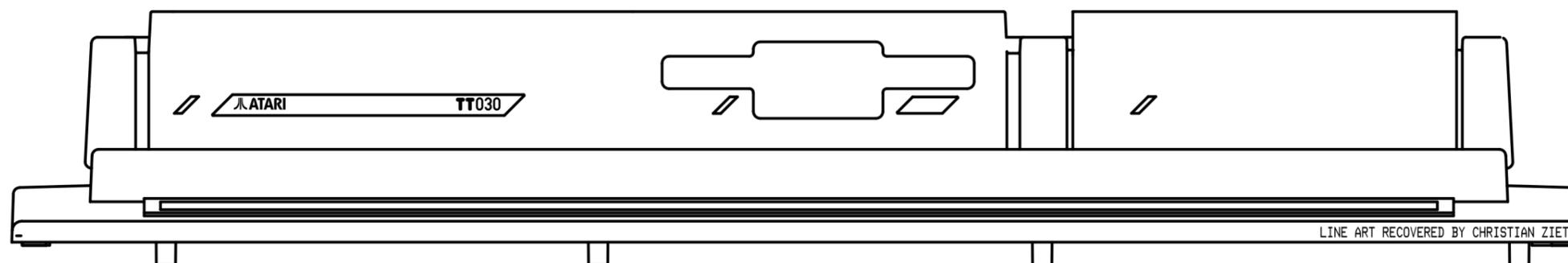




ATARI TT030

PCB REVISIONS A & C



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- COMPUTER RESTORATION - SINCE 1999 -

SCHEMATICS

THIS IS A REWORK OF ONE OF THE MANY TT030 SCHEMATICS FLOATING AROUND THE WEB. I WOULD CREDIT THE ORIGINAL SCANNER BUT I'M AFRAID I DON'T KNOW WHO THAT PERSON IS. SIGNIFICANT WORK HAS GONE INTO ENHANCING THIS DOCUMENT ON MY PART, THAT I FELT OBLIGED TO WATERMARK THIS WITH MY LOGO.

THE MAIN REASON FOR DOING THIS WAS THE CONFUSING AMOUNT OF SEEMINGLY DIFFERENT TT SCHEMATICS THAT APPEAR TO HAVE ORIGINATED FROM TWO SOURCES. I WANTED TO HAVE A CLEAN, STRAIGHT, CORRECTLY ORIENTED SCHEMATIC FOR MY OWN WORK.

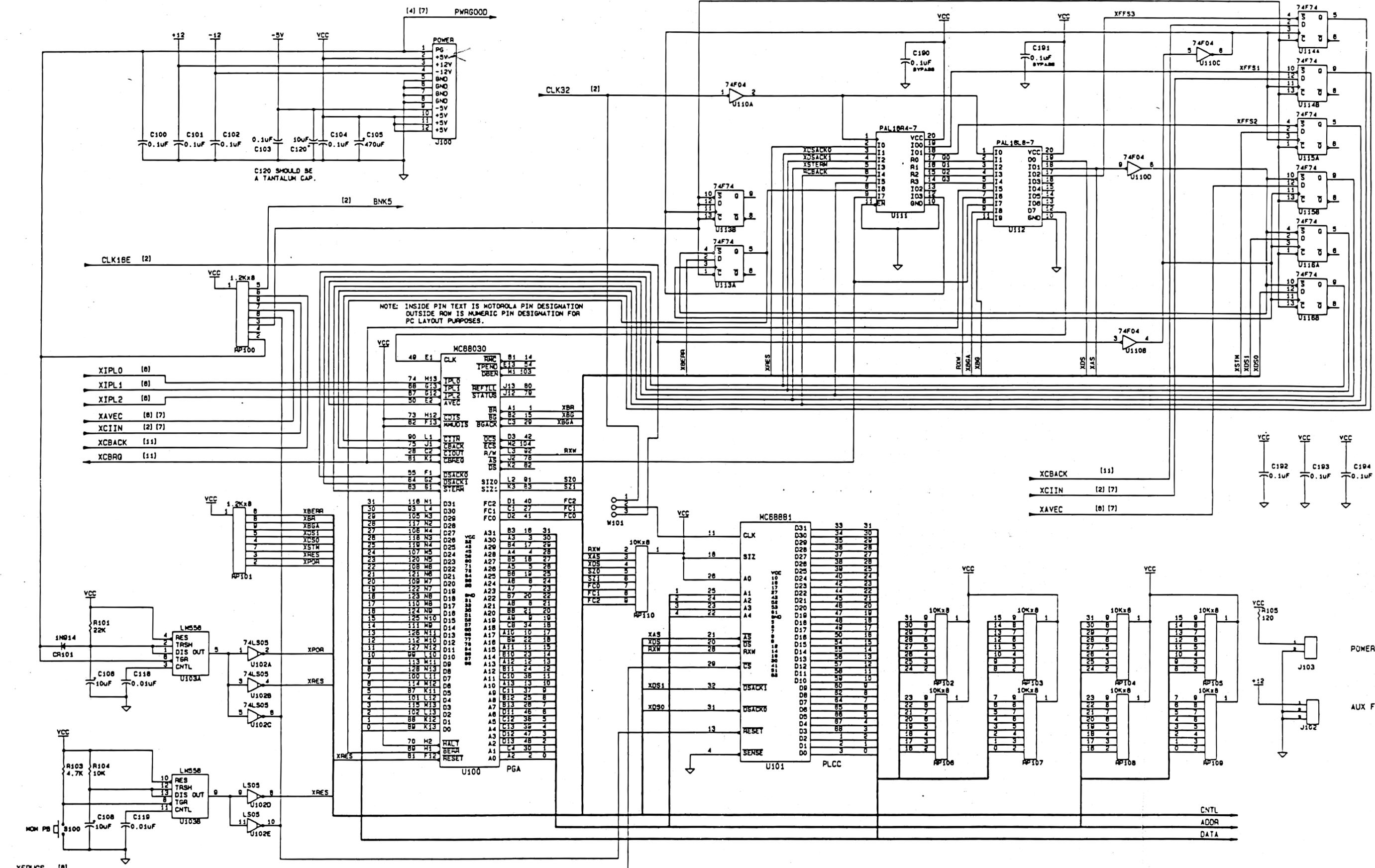
THIS PARTICULAR VERSION OF THE SCHEMATICS HAS BEEN KNOWN AND LABELED AS "REVISION I". I BELIEVE THIS IS WRONG AND ACTUALLY IS "REVISION 1" FOR THE FOLLOWING REASONS:

- LOOKING AT COMPONENTS, THIS CLEARLY IS A REV.A-C BOARD AND THEREFORE MUST PRECEDE OTHER REVISIONS.
- THERE IS A SHEET FOR THE REV.A DAUGHTERBOARD THAT IS ABSENT FROM THE OTHER SCHEMATICS.
- IT'S DATED MAY 07, 1990 AND SO PROVES THAT IT IS INDEED AN EARLIER REVISION THAN THE ONLY OTHER KNOWN SCHEMATIC "REVISION G" IS, WHICH IS DATED JULY 01, 1991.
- AS I WAS RESTORING THE BOTTOM RIGHT CORNERS OF THE SHEETS IT BECAME INCREASINGLY APPARENT THAT IT WAS A "1" AND NOT AN "I".

THIS VERSION OF THE SCHEMATICS IS UNFORTUNATELY THE WORST QUALITY ONE. I MADE SURE I USED THE BEST SOURCE I COULD FIND. I HAVE VECTORIZED EVERYTHING WHICH MAKES IT LIGHTER AND SHARPER AND APPEAR TO BE OF MUCH BETTER QUALITY THAN THE SOURCE. THE BOTTOM RIGHT CORNER HAS BEEN ENTIRELY MADE FROM SCRATCH AND SUPERIMPOSED ON TOP.

THE ONLY OTHER SCHEMATIC, REVISION G, IS FOR THE LATER MODEL TTS, WITH THE DIFFERENT LAYOUT AND MORE SURFACE MOUNT COMPONENTS. EVEN THOUGH THE BOARDS HAVE ALMOST ENTIRELY DIFFERENT LAYOUTS, THAT DOESN'T AFFECT THE SCHEMATICS THAT MUCH, SO YOU MIGHT NOT EVEN NOTICE A DIFFERENCE. IF YOU HAVE A LATER MODEL TT, REVISION D-K, YOU MIGHT WANT TO CONSULT THE OTHER SCHEMATIC. DO NOTE THAT THERE ARE NO SCHEMATICS AVAILABLE FOR THE LAST REVISIONS J&K, THAT SUPPOSEDLY INCLUDE THE VARIOUS PATCHES AND REWORKS ON THE PCB AND WILL THEREFORE DIFFER FROM THE CURRENT SCHEMATICS IN THAT RESPECT.

JOSH.



NOTE: INSIDE PIN TEXT IS MOTOROLA PIN DESIGNATION
OUTSIDE ROW IS NUMERIC PIN DESIGNATION FOR
PC LAYOUT PURPOSES.

ASSY NO. CA400770-XXX

FAB NO. C301763-001

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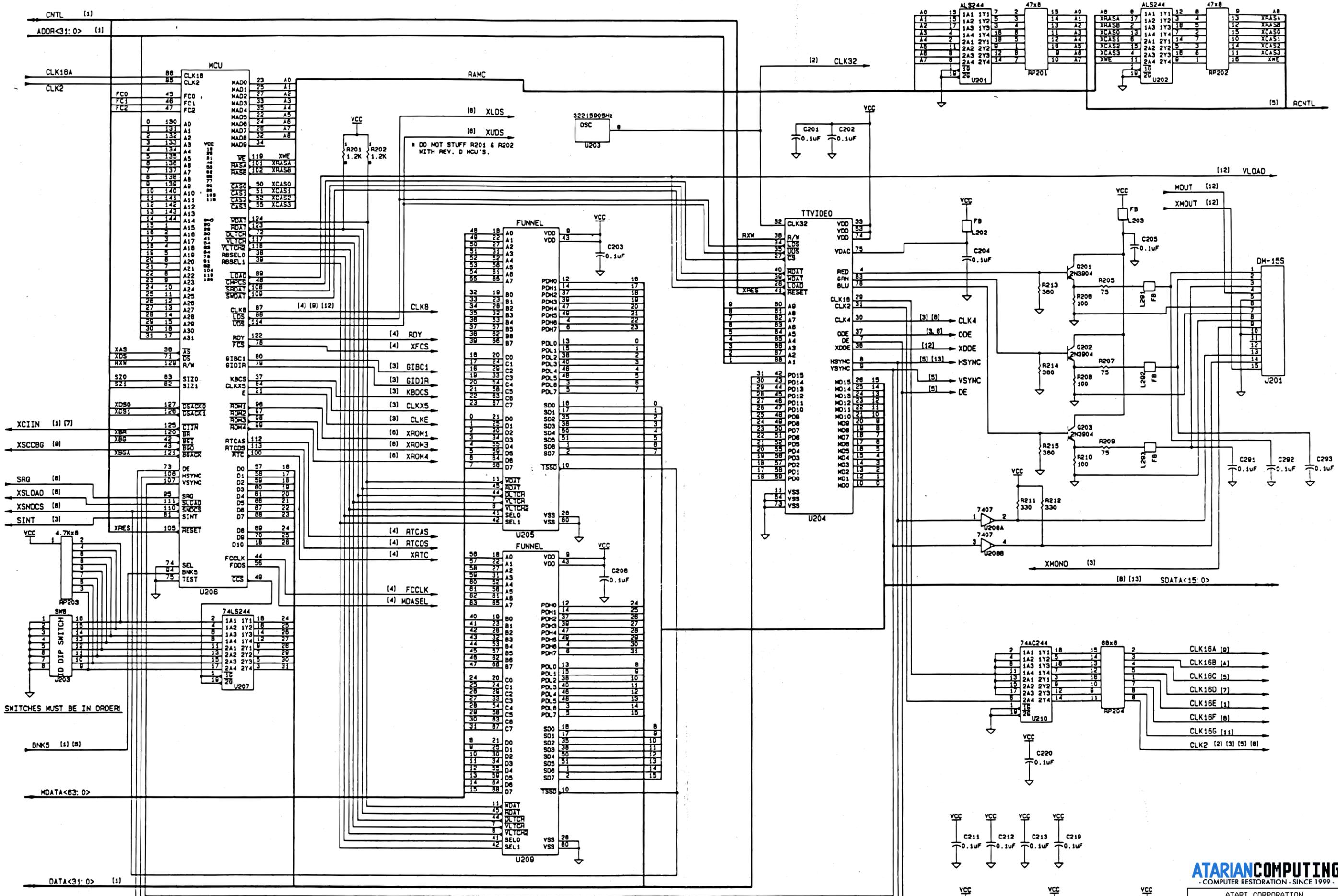
ATARI CORPORATION
1196 BORREGAS, SUNNYVALE, CA 94086

TT030/32

SIZE CODE NUMBER: C301762-001 REV
D ENGINEER: JOHN HORTON 1
DATE MAY 07, 1990 SHEET 1 OF 12

Next Reference: C121 CR102 J104 R106 AP111 S101 U104

APPROVED: *[Signature]* DATE: *[Date]*



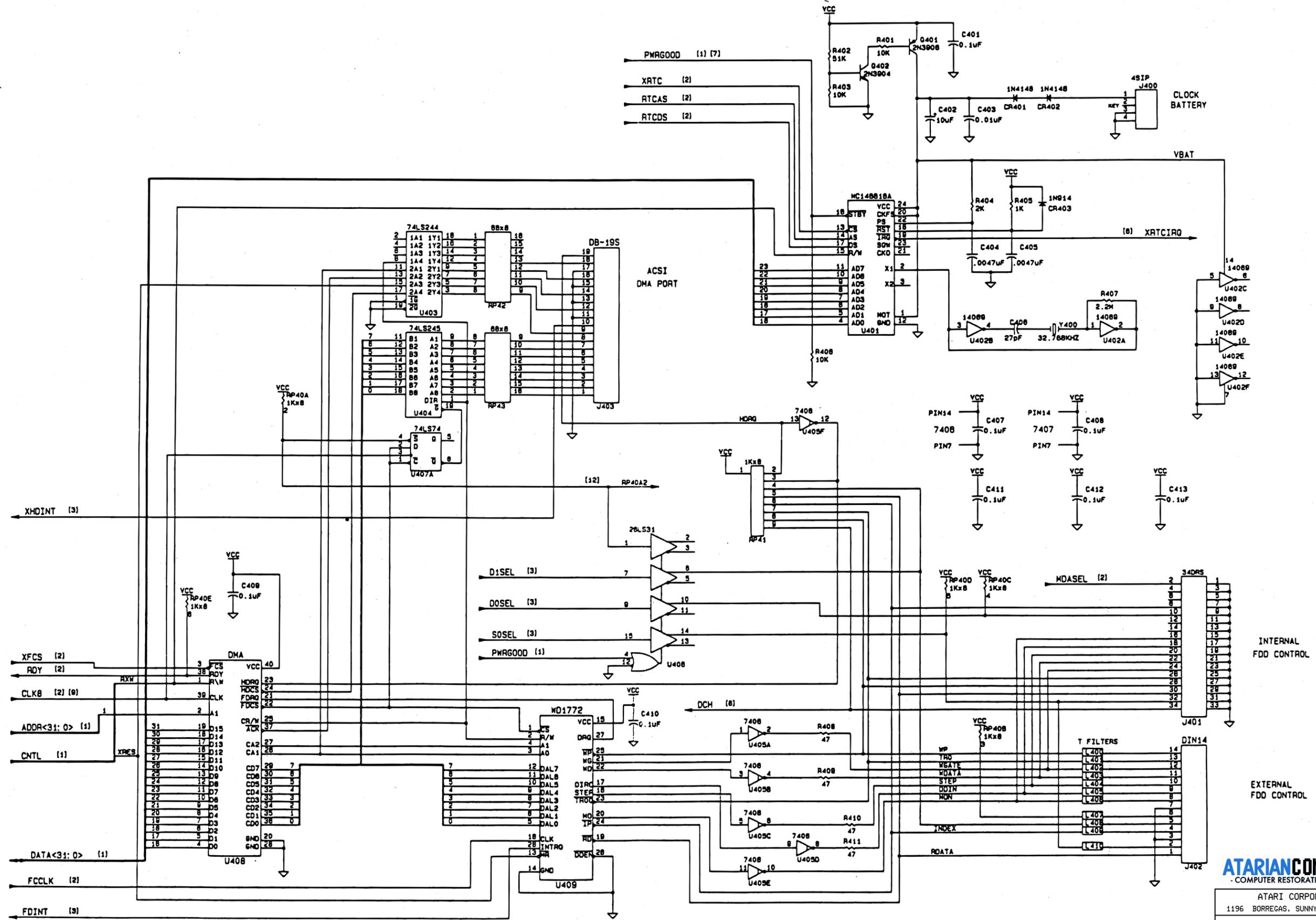
R201 AND R202 MUST BE REMOVED WITH NEW MCU (REV. D). MVM 18JAN80

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TT030/32

SIZE	CODE	NUMBER: C301762-001	REV
D		ENGINEER: JOHN HORTON	1
DATE	MAY 07, 1990	SHEET	2 OF 12



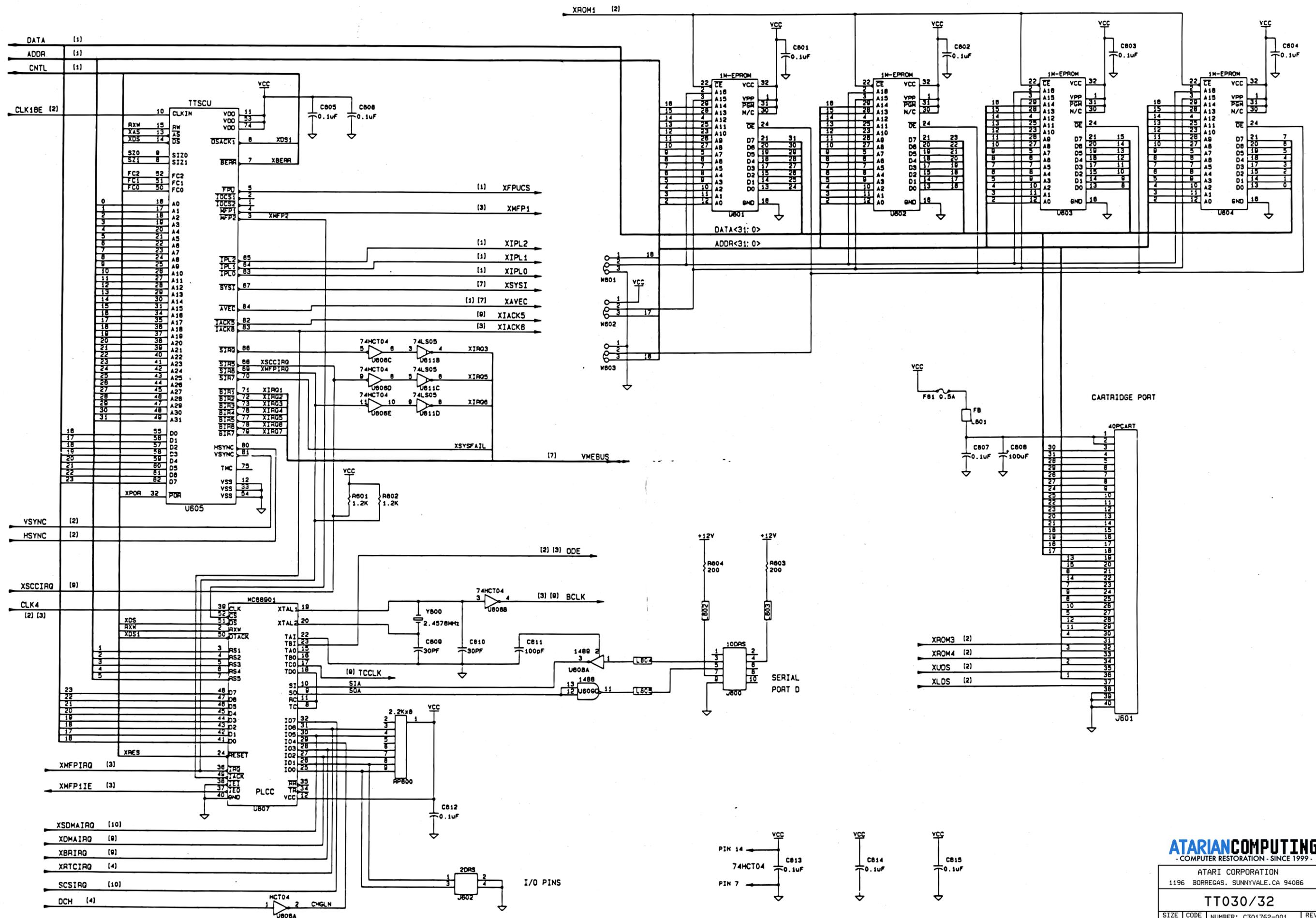
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TT030/32

SIZE	CODE	NUMBER: C301762-001	REV
D		ENGINEER: JOHN HORTON	1
DATE: MAY 07, 1990		SHEET: 4 OF 12	



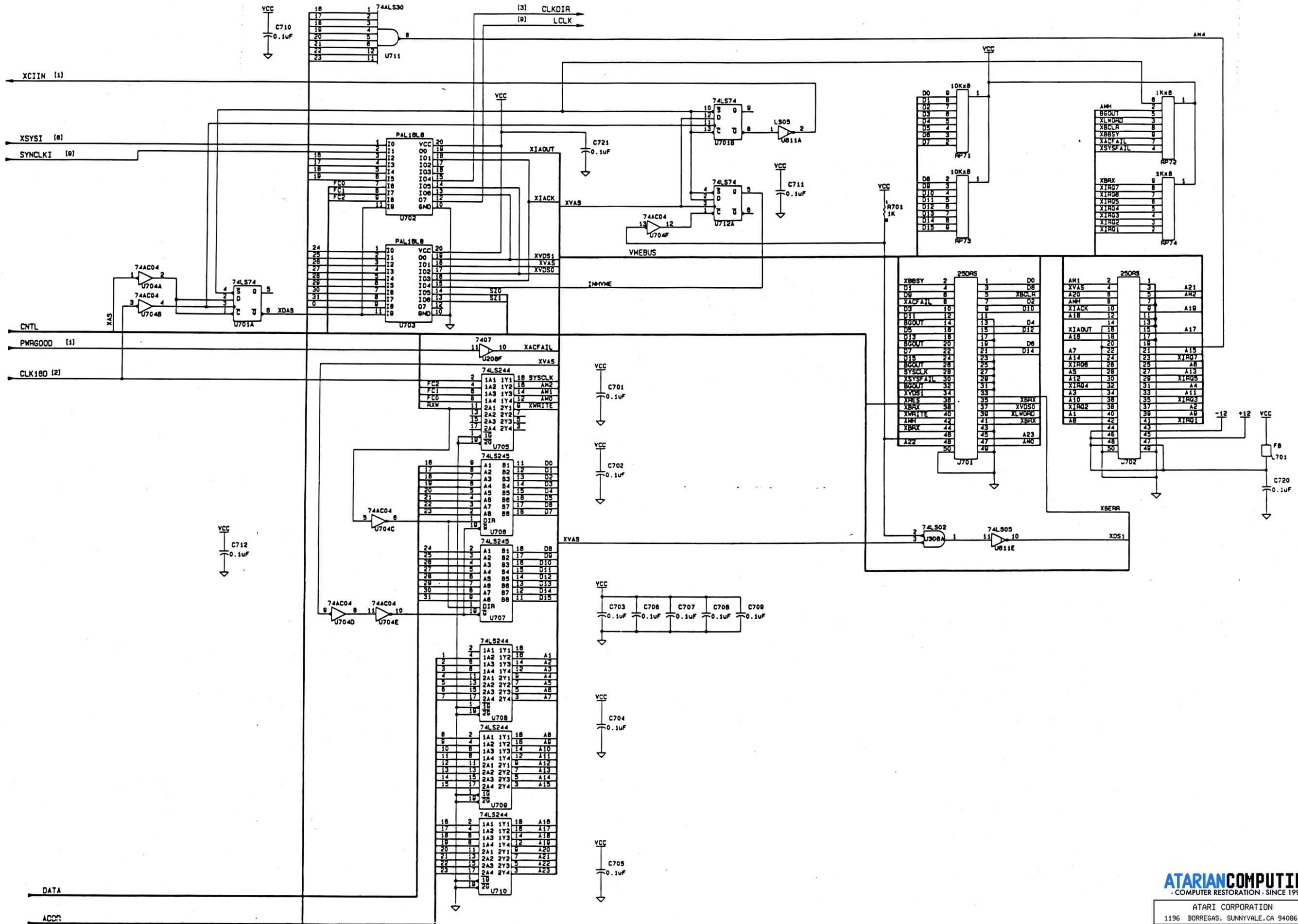
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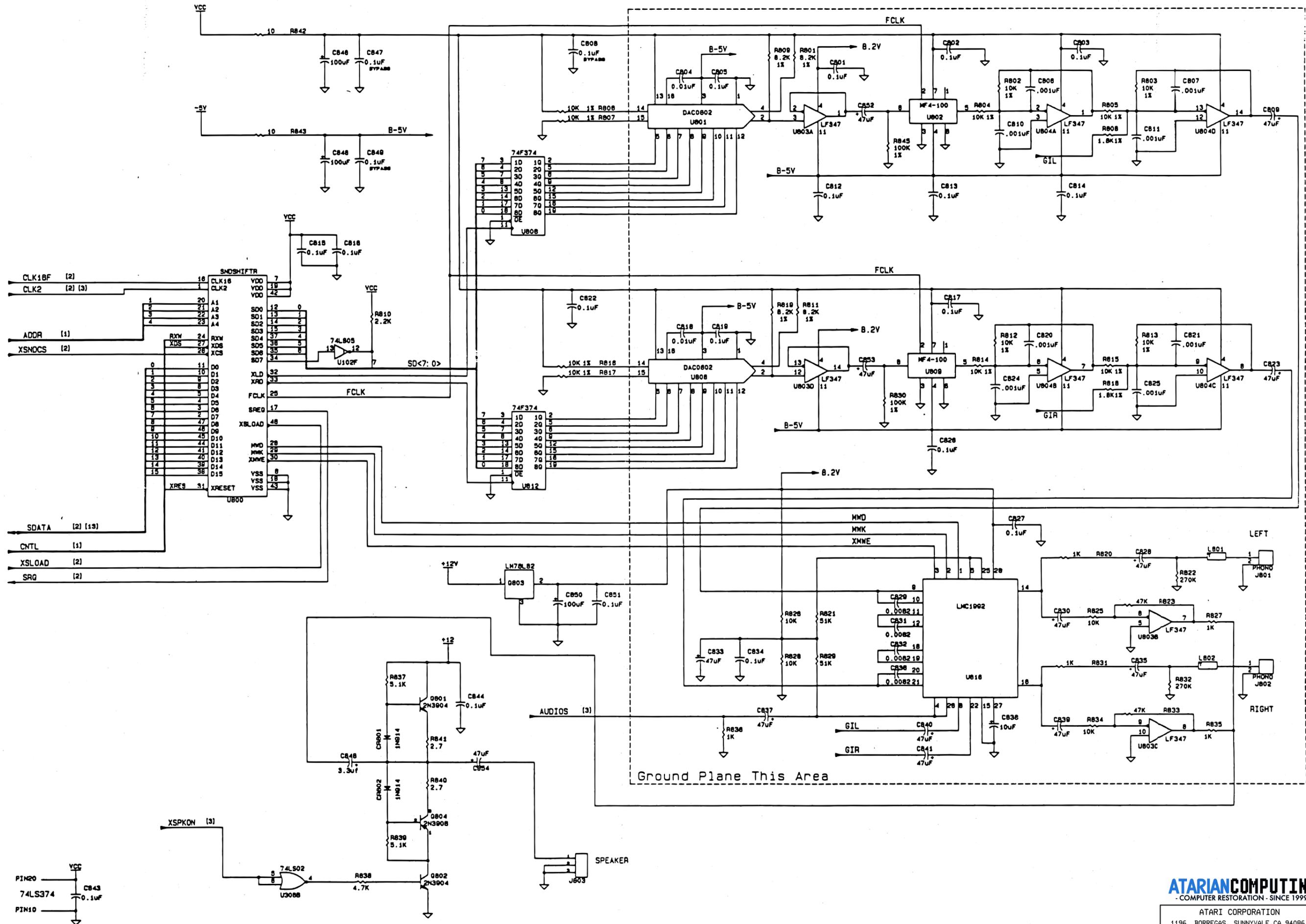
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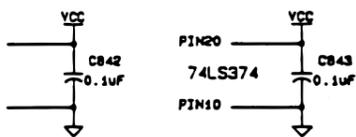
TT030/32

SIZE	CODE	NUMBER: C301762-001	REV
D		ENGINEER: JOHN HORTON	1
DATE		MAY 07, 1990	SHEET 6 OF 12





PIN20
74LS374
PIN10



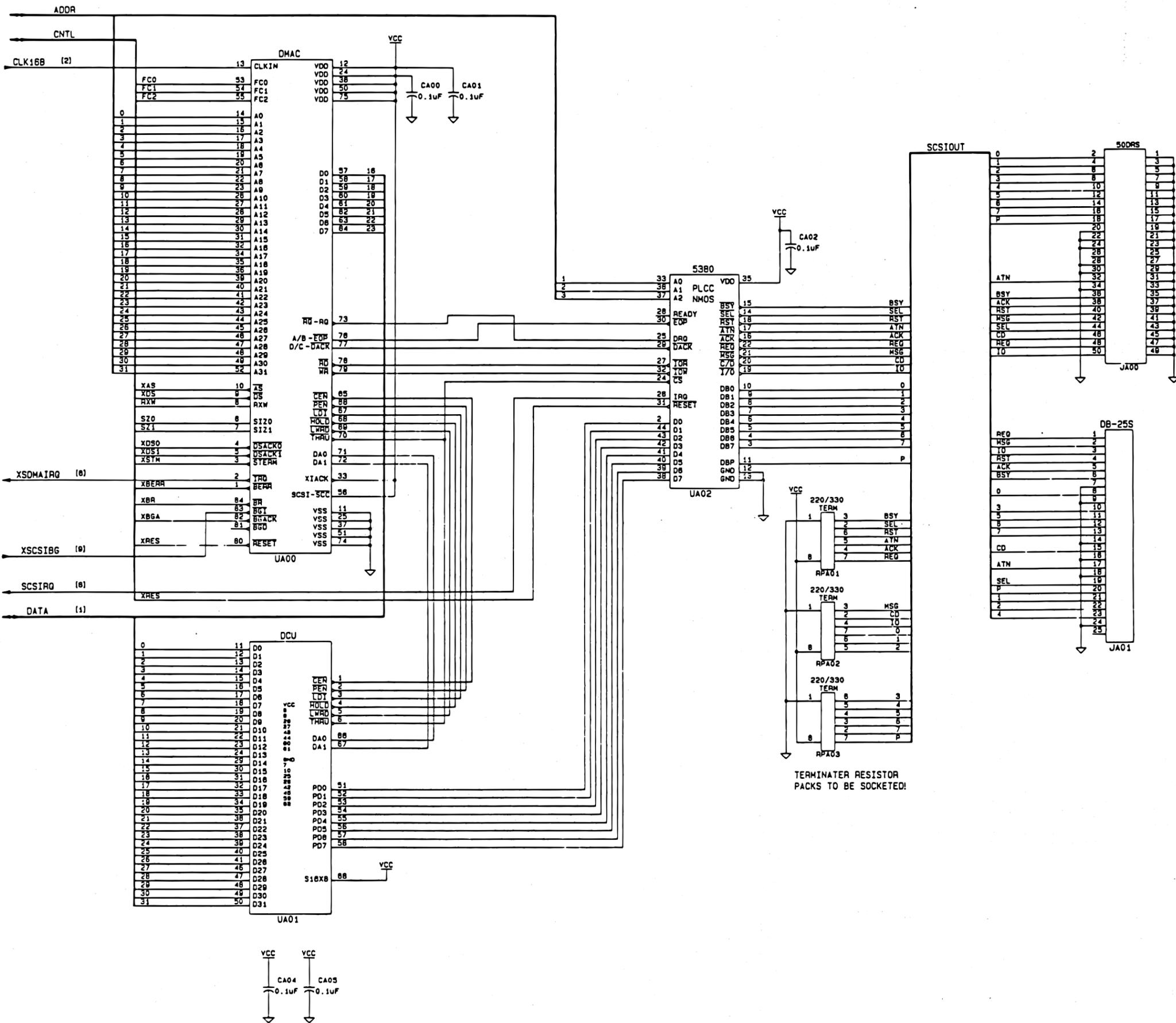
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TT030/32

SIZE	CODE	NUMBER: C301762-001	REV
D		ENGINEER: JOHN HORTON	1
DATE: MAY 07, 1990		SHEET: 8 OF 12	



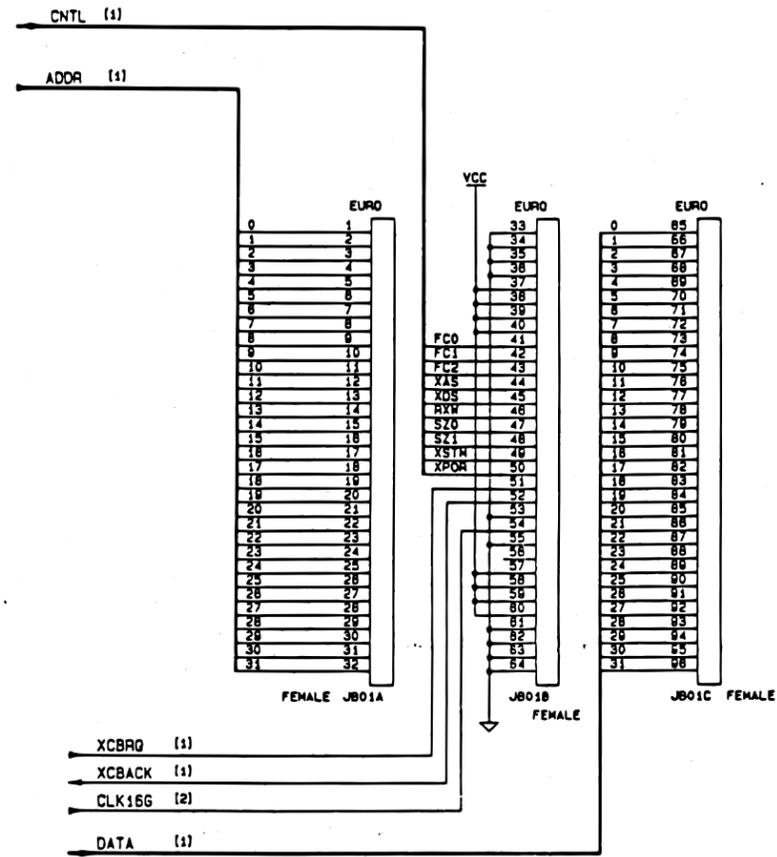
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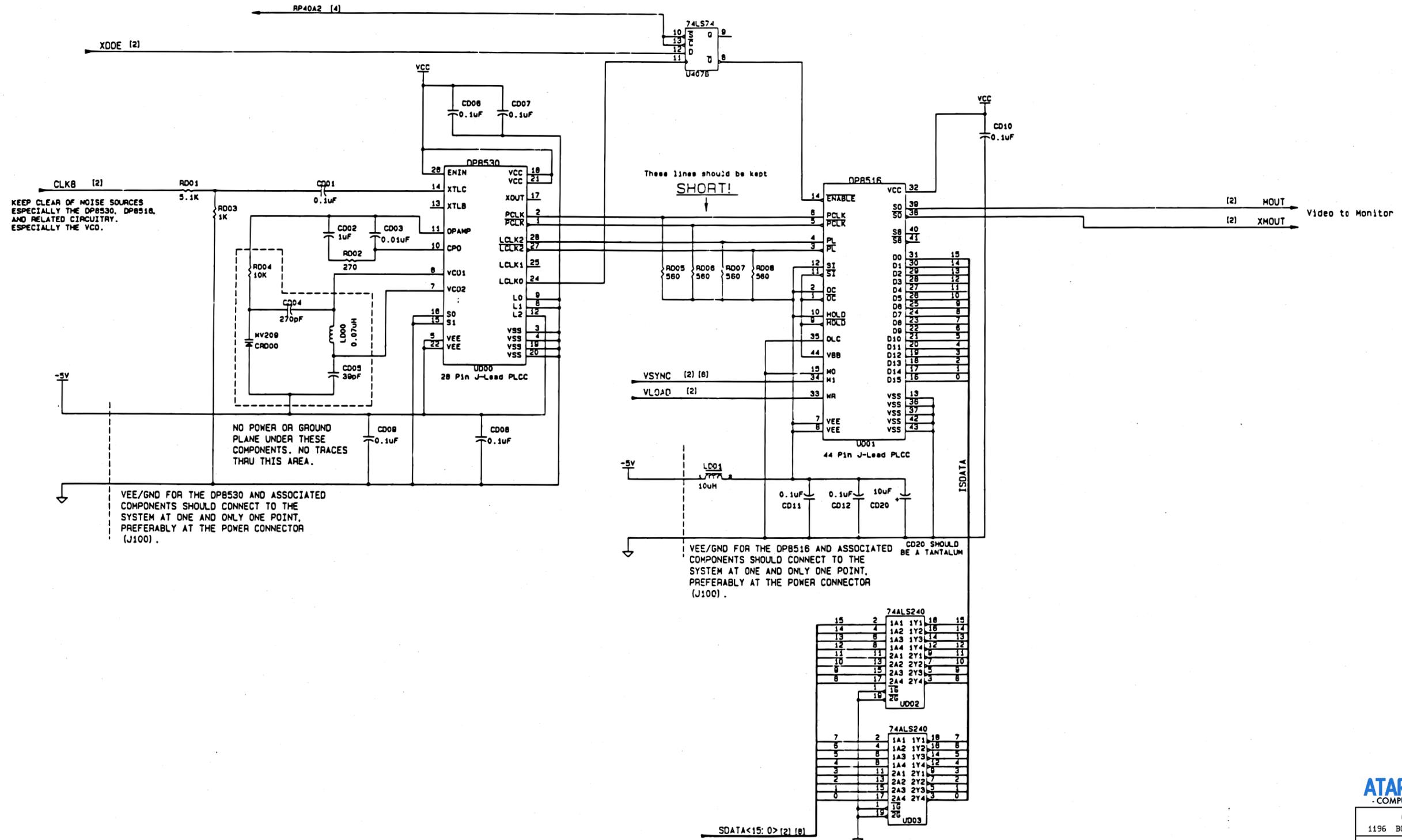
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TT030/32

SIZE	CODE	NUMBER: C301762-001	REV
D		ENGINEER: JOHN HORTON	1
DATE		MAY 07, 1990	ISHEET 10 OF 12





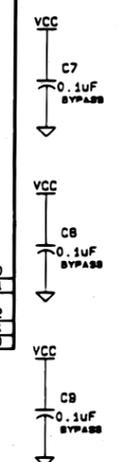
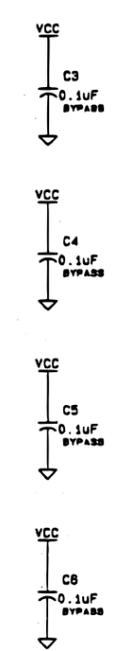
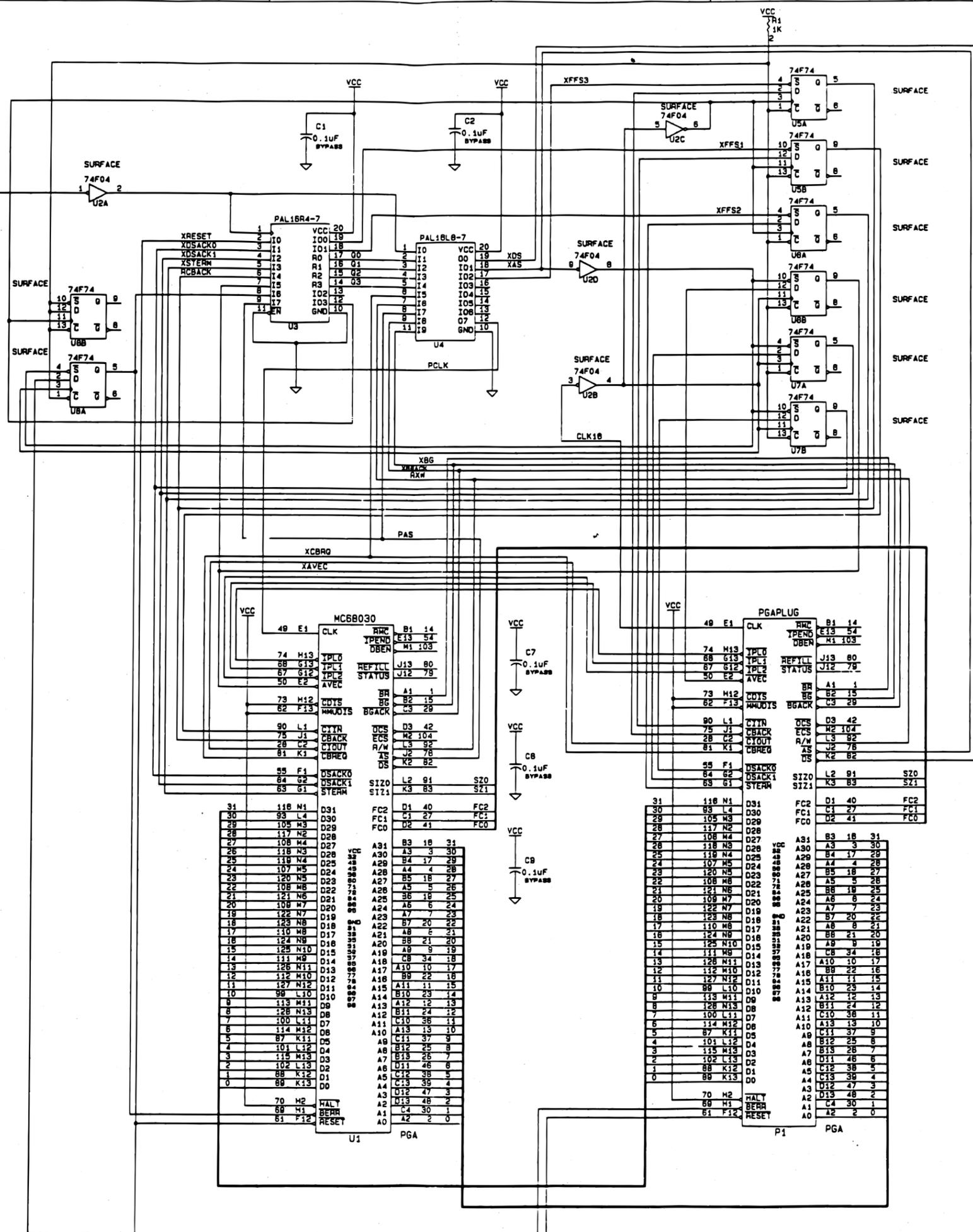
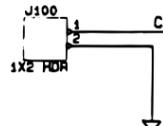
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TT030/32

SIZE	CODE	NUMBER: C301762-001	REV
D		ENGINEER: JOHN HORTON	1
DATE		MAY 07, 1990	SHEET 12 OF 12



CONFIDENTIAL

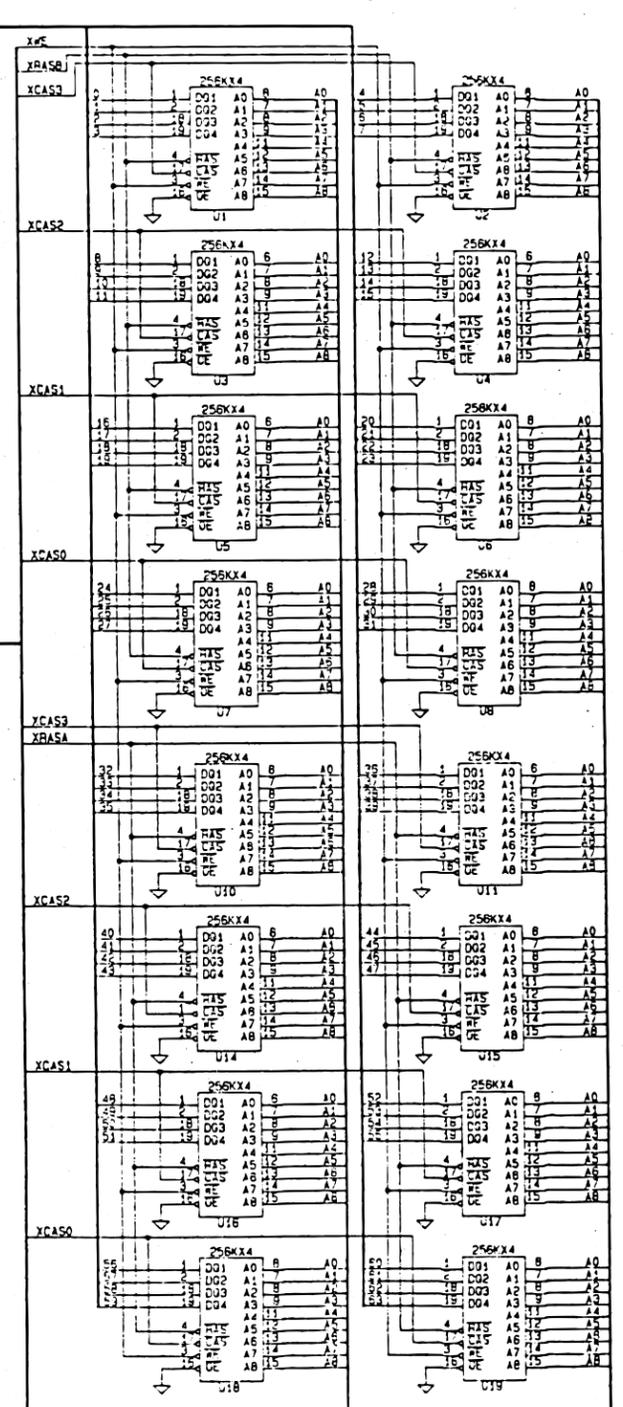
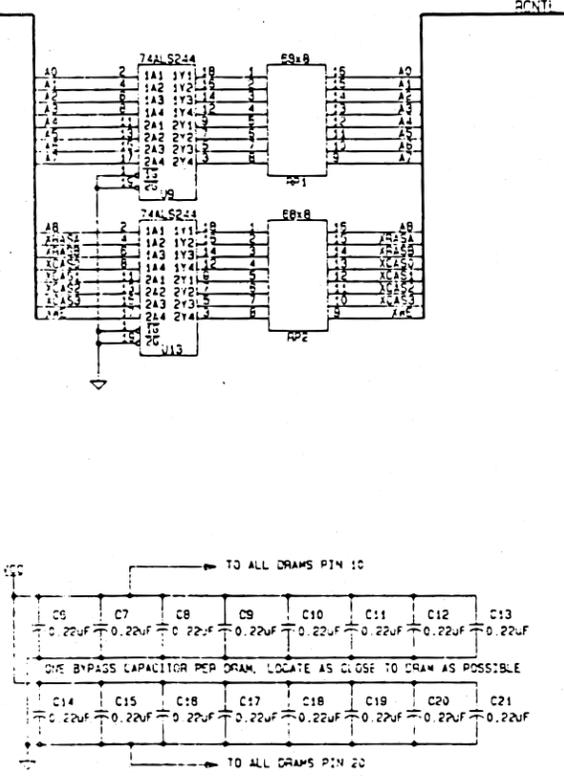
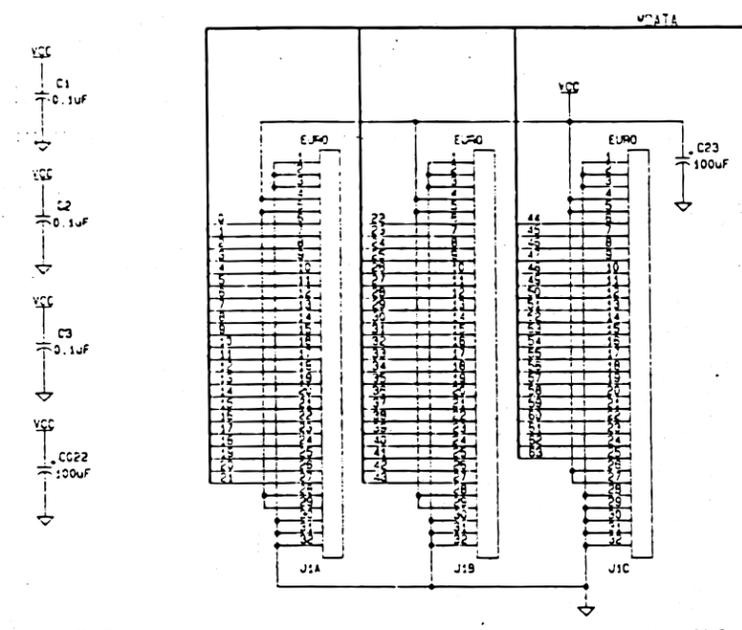
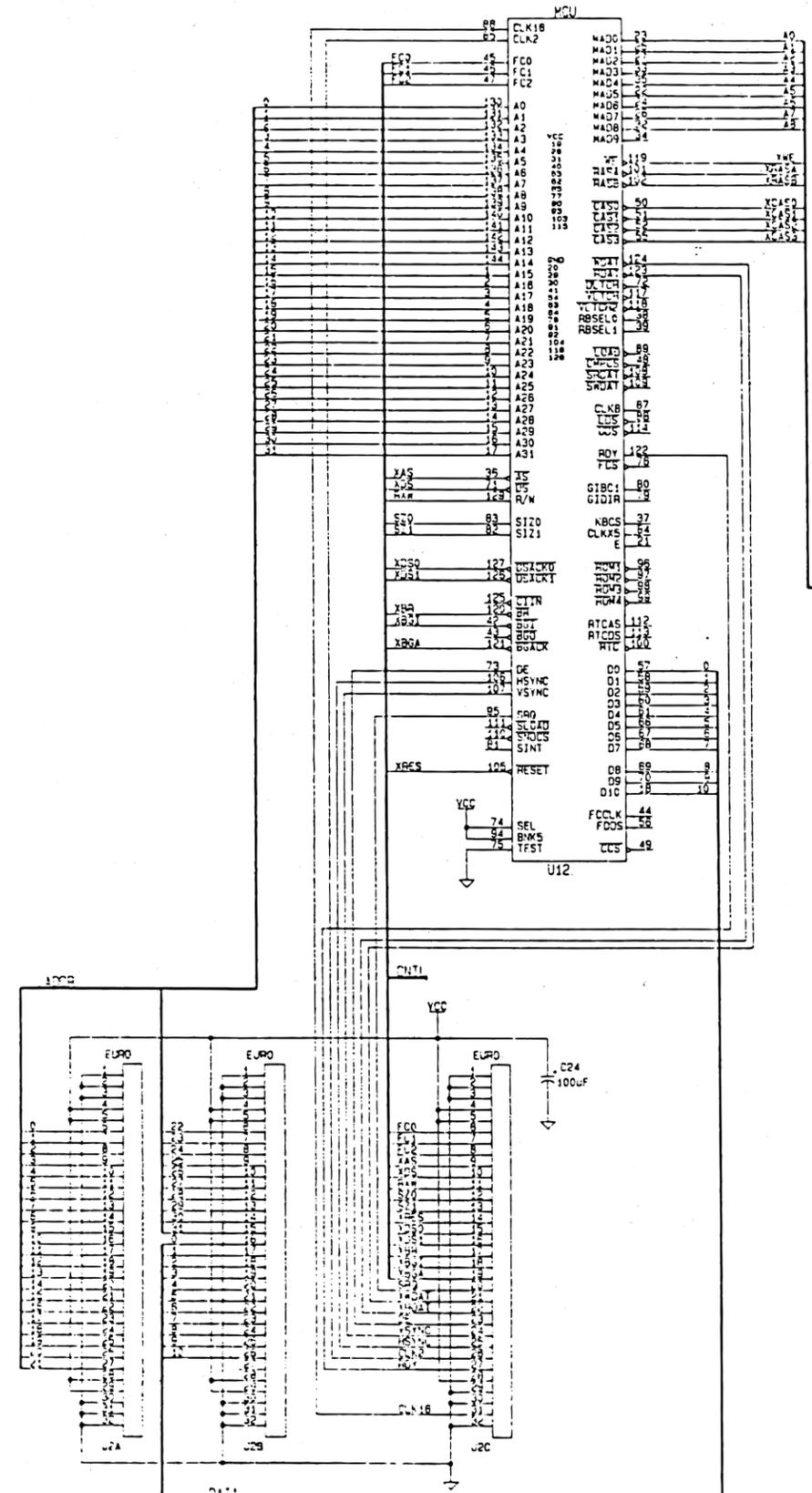
ASSY. NO. CA400771-001
 FAB. NO. C301765-001

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ATARI CORPORATION
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TT030 32 MHZ DB

SIZE	CODE	NUMBER: C301764-001	REV
D		ENGINEER: JOHN HORTON	1
DATE: JUNE 27, 1990		SHEET: 1 OF 1	



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CONFIDENTIAL

UNLESS OTHERWISE SPECIFIED TOLERANCES	DRAWN BY S. SIMPSON 9/2/89	DATE	
ON LINER DIMENSIONS	CHECKED	DATE	
UNDER 30 ±			
30 THRU 300 ±	ENGINEER	DATE	
OVER 300 ±	APPROVED	DATE	
MATERIAL	APPROVED	DATE	
NEXT ASSY	USED ON ORIGINAL MODEL	FINISH	
APPLICATION			
ATARI CORPORATION		TITLE SCHEMATIC DIAGRAM	
ATARI		2 MEG RAMBOARD T.P.	
SIZE DRAWING NO.		REV	
C		C30726-001	
SCALE NONE		SHEET 1 OF 1	

