

PROPRIETARY INFORMATION

THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND IS THE PROPERTY OF TANDY CORPORATION. IT MAY NOT BE COPIED OR DISCLOSED IN WHOLE OR IN PART, EXCEPT WITH THE EXPRESS WRITTEN AUTHORIZATION OF TANDY CORPORATION, 1000 TWO TANDEM CENTER, FORT WORTH, TX 76102.

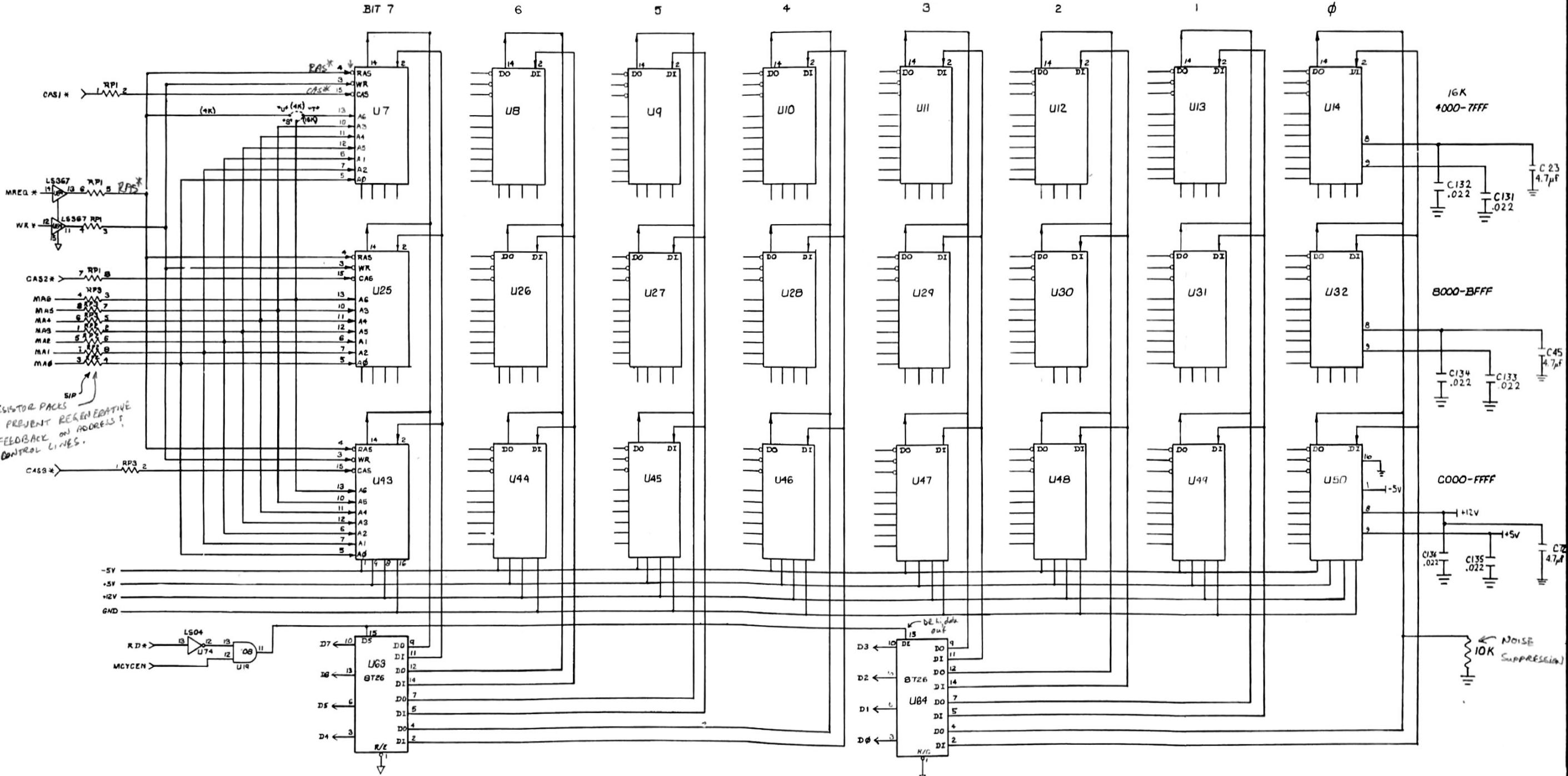
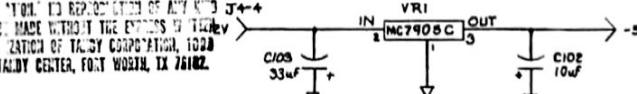
ZONE	REV	DESCRIPTION	DATE APPROVED
S2-II	A	1. ADDED PIN NUMBERS 2. ADDED R46 AND R62 3. ADDED R63 4. CHANGED U1 NUMBERS 5. ADDED U87 AND R61 6. R1 THROUGH R8 BECAME RP5 7. ADDED JP2A, JP2B, JPIA, JPIB 8. ADDED R3 9. ADDED JPIA AND JPIB 10. ADDED SIG GND	6-16-80
SH 7	C	1. ADDED U93, C106, R64, R28	6-24-80
SH 2	C1	1. C103 WAS 10uf — 2. ADDED 10K RESISTER 3. CHANGED CIRCUIT OF U7B 4. PINS 31 AND 33 WAS CONNECTED 5. ADDED U24 AND U42 TO '57 6. CONNECTED CLR U5 TO CLR U5G 7. REDREW U37 8. ADDED GND TO U62 9. R7 WAS 10K 10. ADDED IN4148 11. REMOVED RP6 12. ADDED R66 13. REMOVED JPIA JPIB	7-17-80
SH 2	E	1. ADDED C131-C136 2. ADDED C111-C113 DELETED RESET*	10-22-80
SH 6		3. ADDED C107, C108, C116, C120, C121, C122, C123, C124, C128, R69, R67, R64	
SH 7		4. ADDED C114-C115, C110, C117-C119, C126-C127, C129, C130, C137, R15, R66 REMOVED U15, R16, U93, C106, R28, R13,	
SH 11		5. ADDED C200-C204, C206, C117	
SH 7 SH 2	F	ADDED C60, TOP LEFT CORNER ADDED C23/C45/C72, RIGHT SIDE	12-24-80

MATERIAL	UNLESS OTHERWISE SPECIFIED	DRAFT	TITLE
	TOLERANCES XX = ± .010 XXX = ± .005 ANGLES = ± 1°	CHECK	DATE
	HOLE DIA TOLERANCES 014 - 250 = + .005 - .001	DESIGN	DATE
	251 - 750 = + .008 - .001	APPD 11715	DATE
	751 - UP = + .015 - .001	APPD	DATE
FINISH	DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING	425	
	DO NOT SCALE THIS DRAWING	315	
	NEXT ASSY.	USED ON	
			tandy
			DWG NO. 8000074
			SCALE SHEET 1 / 11

Proprietary Information

Information contained herein is proprietary
by Tandy and is exclusive property of Tandy.
It is to be reproduced or disclosed only
by Tandy or by its express written consent.
Tandy makes no warranties expressed or implied
in this document.

Voltage regulator -12V to -5V.



MATERIAL	UNLESS OTHERWISE SPECIFIED	DRAFT	DATE	TITLE
	TOLERANCES $XX = \pm .010$ $XXX = \pm .005$ ANGLES = $\pm 1^\circ$ HOLE DIA TOLERANCES $.014 - .250 = \pm .005$ $.251 - .750 = \pm .008$ $.751 - UP = \pm .015$			
FINISH	DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING	425	4-14-87	SCHEMATIC -
		315	10-4-79	RAM, CPU BOARD MODEL III
	DO NOT SCALE THIS DRAWING	NEXT ASSY.	APPD	APPD
		USED ON		

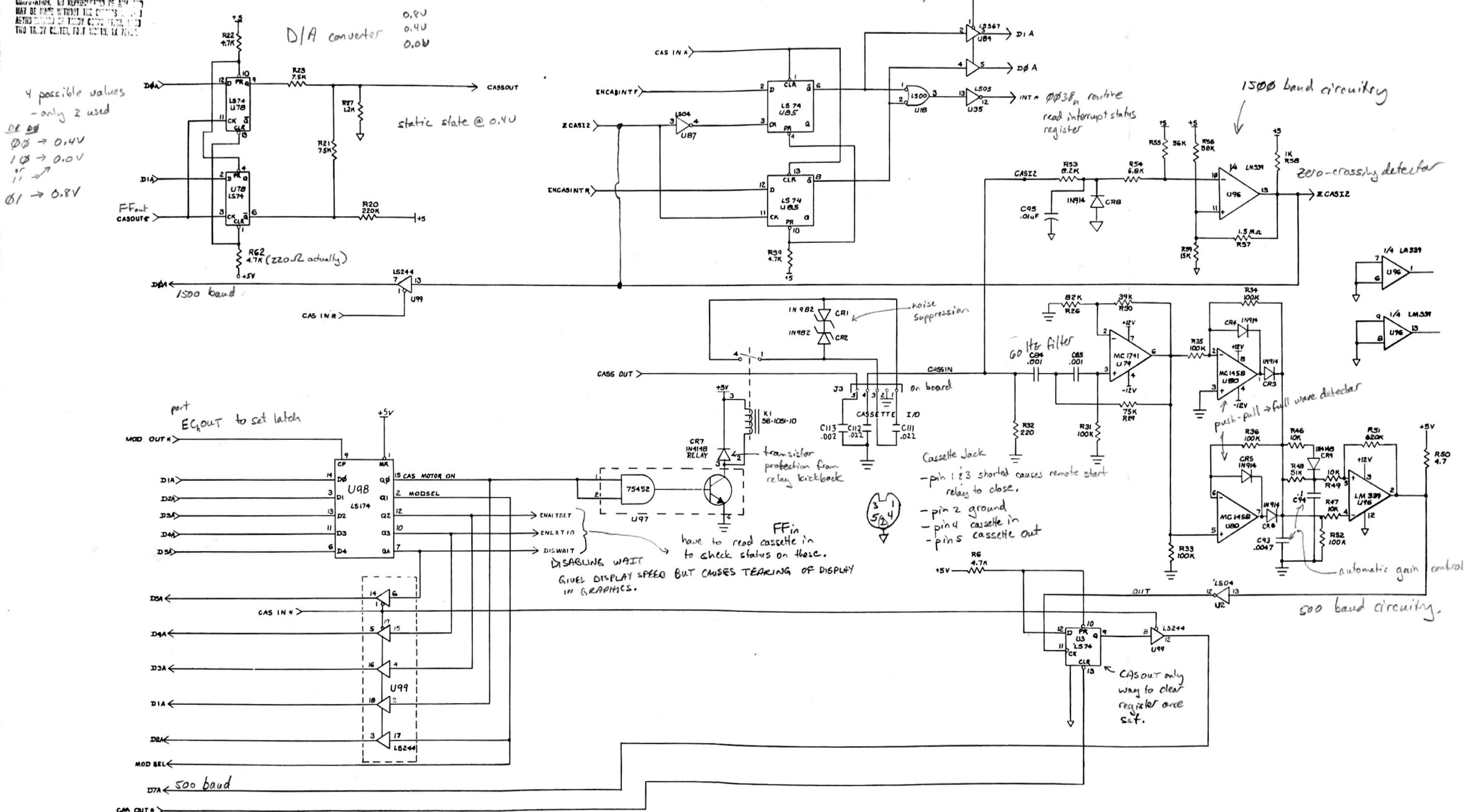
tandy

DWG NO. 8000074 SIZE D
SCALE SHEET OF 2 11

PROPRIETARY INFORMATION

THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND IS EXCLUSIVE PROPERTY OF THE CONTRACTOR. NO REPRODUCTION OR ANY PART THEREOF IS PERMITTED WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE CONTRACTOR.

REVISION				
ZONE	LTR.	DESCRIPTION	DATE	APPROVED

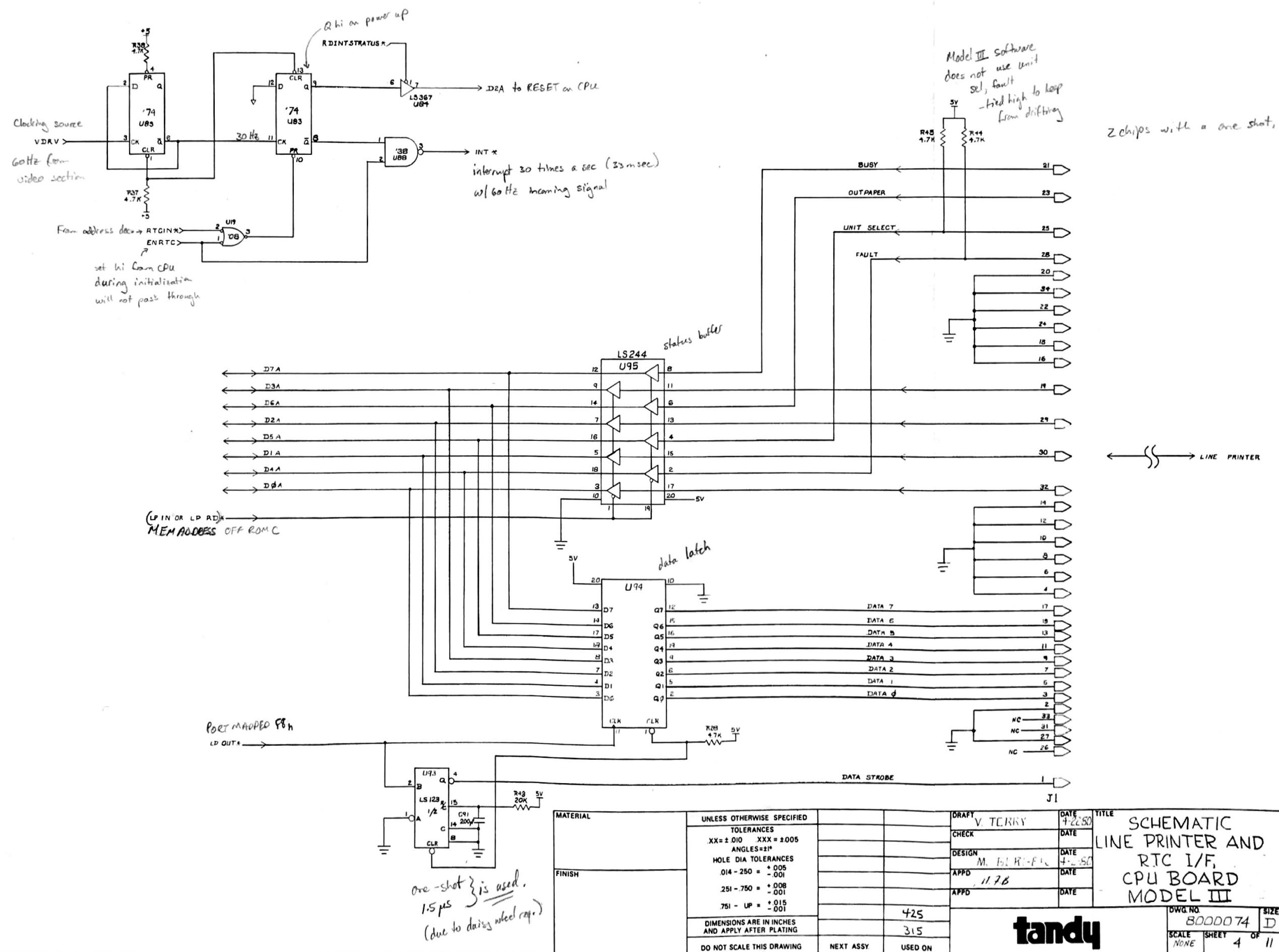


MATERIAL	UNLESS OTHERWISE SPECIFIED		DRAFT V. TEKNI	DATE 4-15-83	TITLE SCHEMATIC - CASSETTE I/F, CPU BOARD MODEL III
	TOLERANCES $.XX = \pm .010$ $XXX = \pm .005$ ANGLES = $\pm 1^\circ$		CHECK	DATE	
FINISH	HOLE DIA TOLERANCES $.014 - .250 = + .005$ $.014 - .250 = -.001$ $.251 - .750 = + .008$ $.251 - .750 = -.001$ $.751 - UP = + .015$ $.751 - UP = -.001$		DESIGN M. BERGLK	DATE	
			APPO 11.1.83	DATE	
			APPD	DATE	
		425			
	DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING	315			
	DO NOT SCALE THIS DRAWING	NEXT ASSY.	USED ON		

PROPRIETARY INFORMATION

The information contained herein is proprietary and is the sole property of Tandy Corporation. It is subject to all laws and may be used without the express written authorization of Tandy Corporation, 1000 Two Tandy Center, Fort Worth, TX 76102.

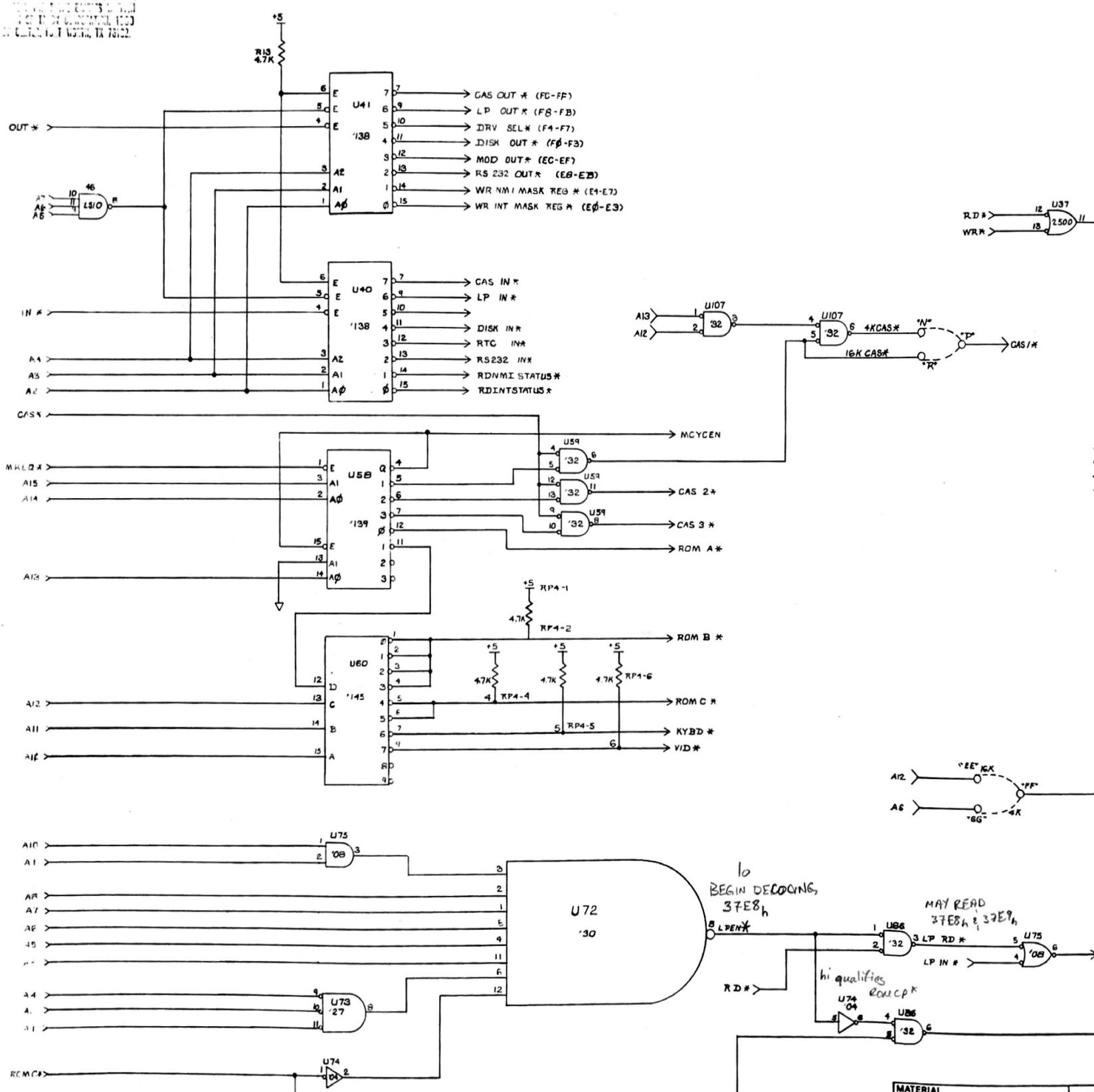
ZONE	LTR	REVISION	DATE	APPROVED



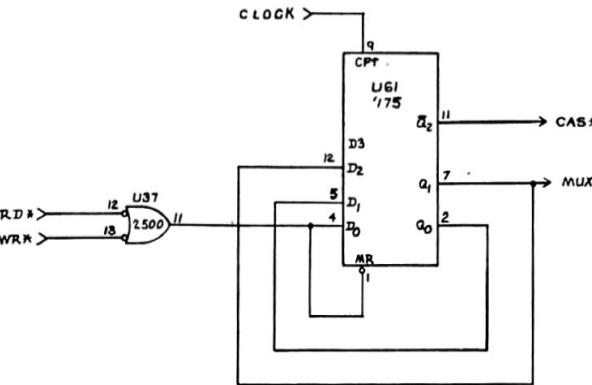
CONFIDENTIAL INFORMATION

ALL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL
 AND OWNED BY TANDY CORPORATION.
 © 1980 TANDY CORPORATION.
 1000 WEST BROADWAY, FORT WORTH, TX 76102.

ZONE LTR. REVISION DESCRIPTION DATE APPROVED

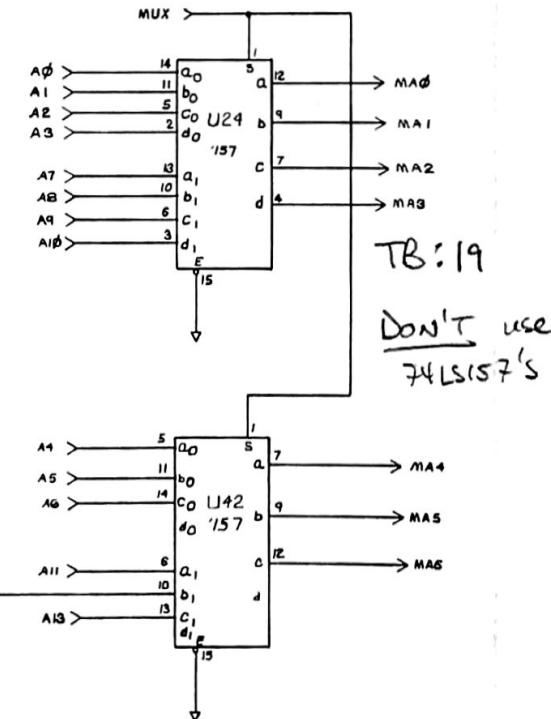


Dual Flip-flop - divides by 2
for MUX, CAS *

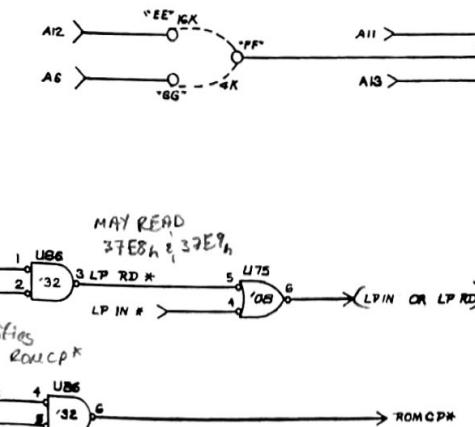


CAS1 * 4000 - FFFF
 CAS2 * 8000 - BFFF
 CAS3 * C000 - FFFF

MUX SWITCHES BETWEEN RAS & CAS



inputs to RAM

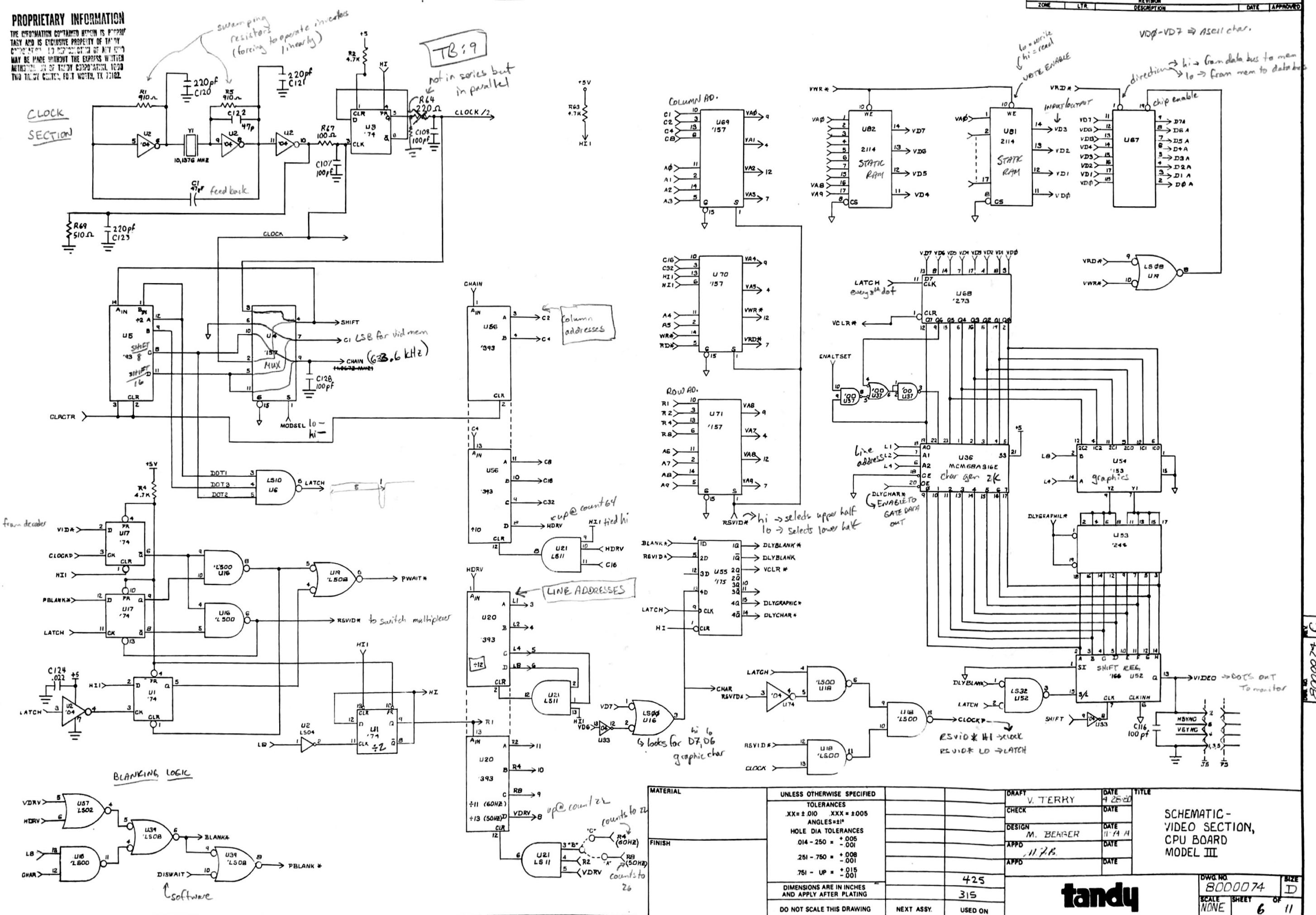


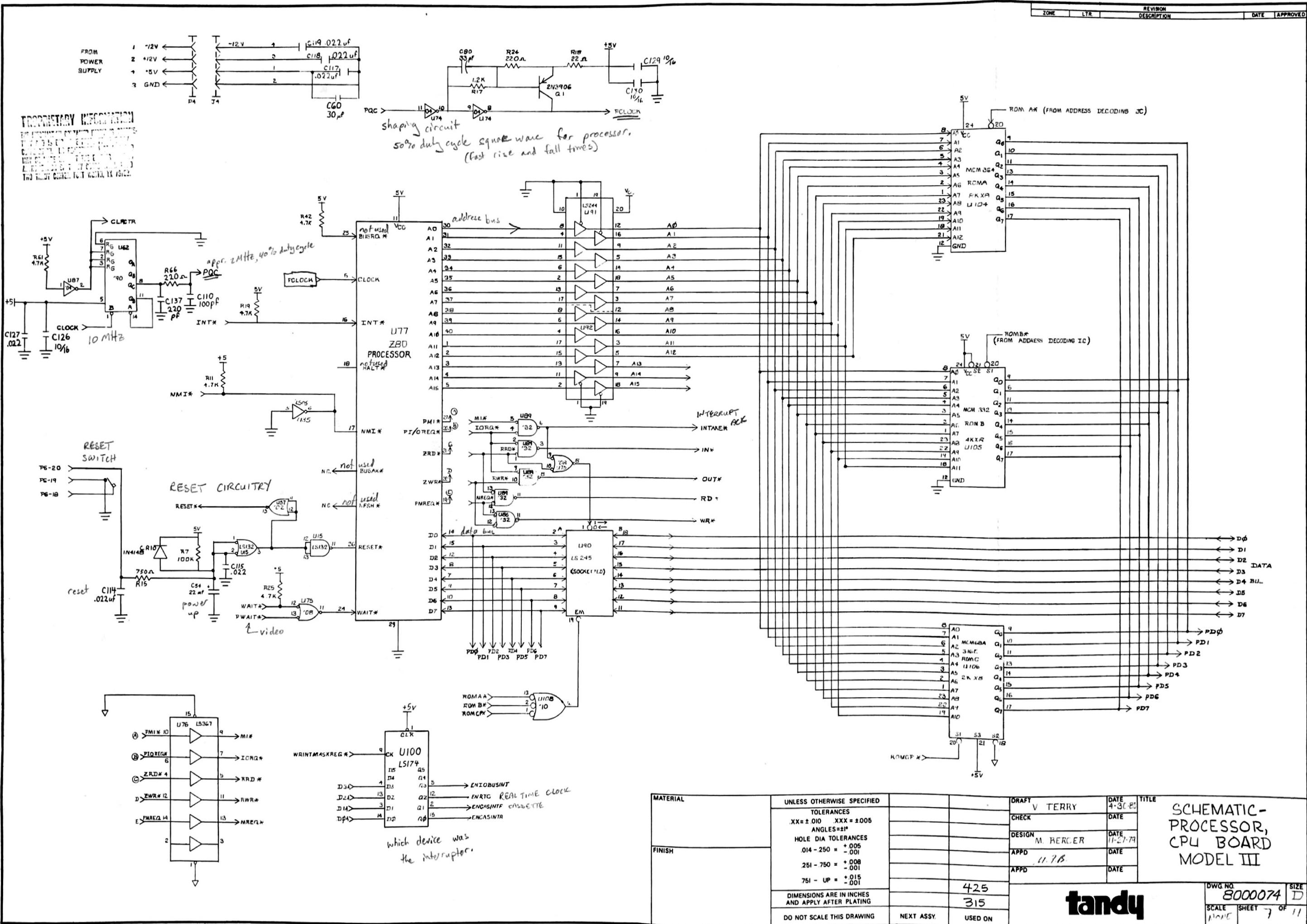
3000074

MATERIAL	UNLESS OTHERWISE SPECIFIED		DRAFT V. TERRY DATE 4-24-80	TITLE SCHEMATIC-
	TOLERANCES			
	$.XX \pm .010$	$.XXX \pm .005$		CHECK DATE
	ANGLES = $\pm 1^\circ$			DESIGN M. BERGER DATE 12-7-79
	HOLE DIA TOLERANCES			APPO M. J.A. DATE
	.014 - .250 = $\pm .006$			
	.251 - .750 = $\pm .008$			
	.751 - UP = $\pm .015$			
FINISH	DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING		425	
	DO NOT SCALE THIS DRAWING	NEXT ASSY.	315	
		USED ON		
				tandy
			DRAWING NO. 8000074 SIZE 17	
			SCALE SHEET OF 5 11	
			NONE	

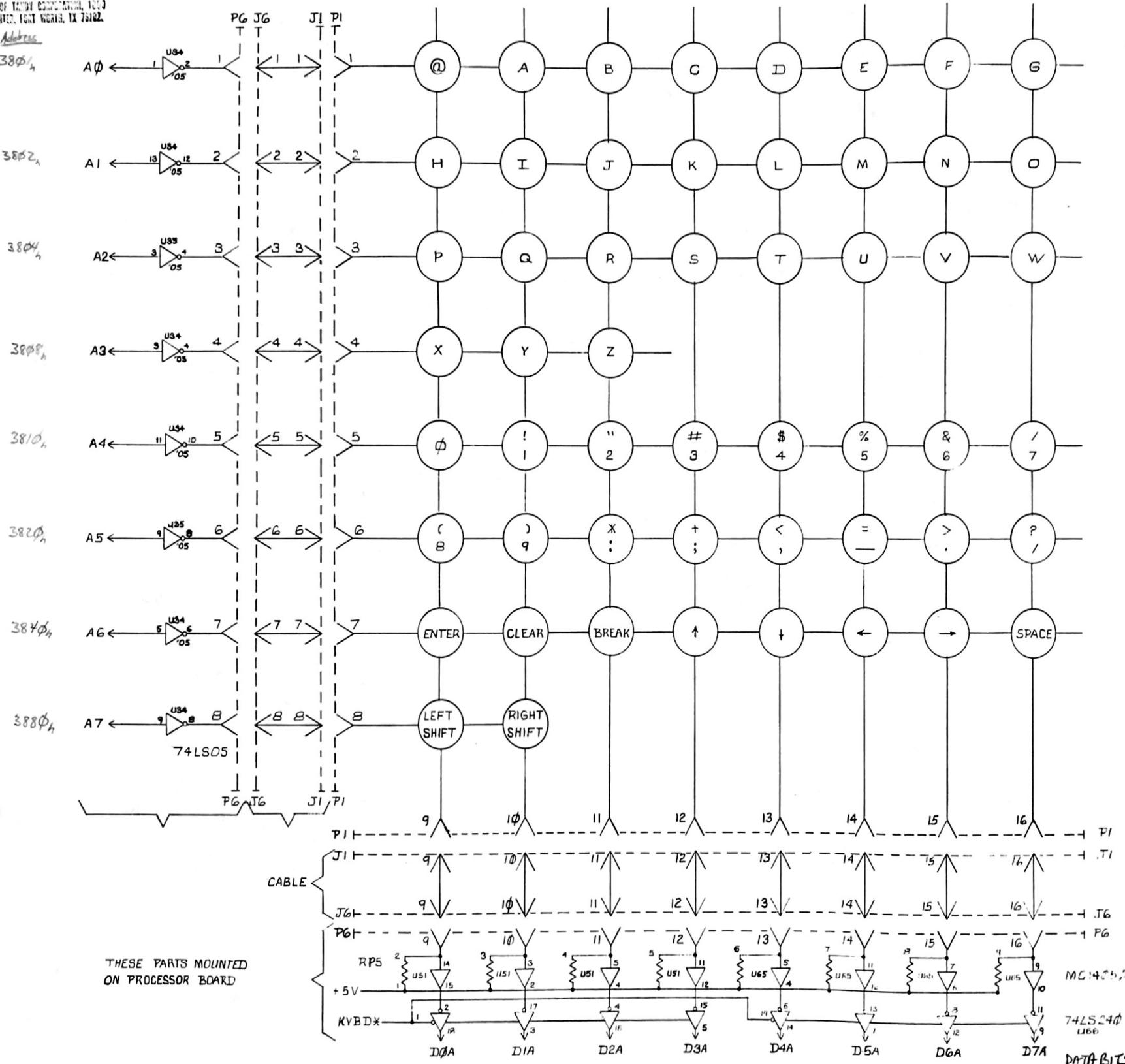
PROPRIETARY INFORMATION

THE INFORMATION CONTAINED HEREIN IS PROPRIETARY
TANDY AND IS EXCLUSIVE PROPERTY OF TANDY
CORPORATION. IT REPRESENTS A TRADE SECRET OF TANDY
CORPORATION AND MAY NOT BE REPRODUCED OR DISCLOSED
WITHOUT THE EXPRESS WRITTEN AUTHORITY OF TANDY CORPORATION, 1000
TWO TANDY CENTER, FORT WORTH, TX 76102.

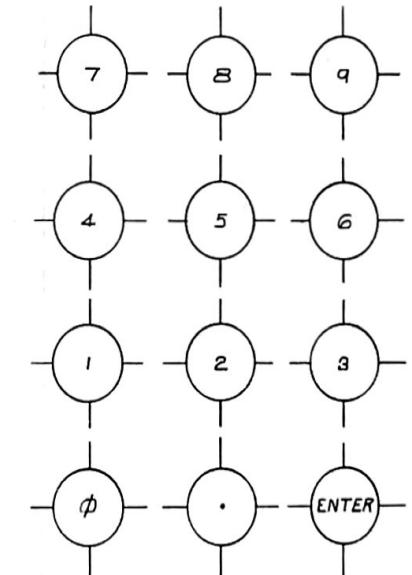
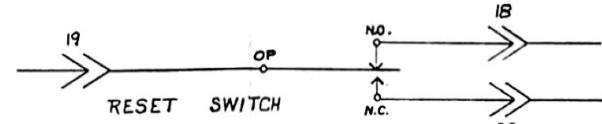




PROPRIETARY INFORMATION
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY
AND IS OWNED BY THE FIRM THAT
CONTRACTED TO DEVELOP THE DESIGN.
IT MAY BE USED ONLY IN THE COURSE OF
IMPLEMENTATION OF THE CONTRACTUAL AGREEMENT
TWO TANDY CENTERS, FORT WORTH, TX 76182.



① First : scan address lines (8 in this case)
② First check A7 for <shift>



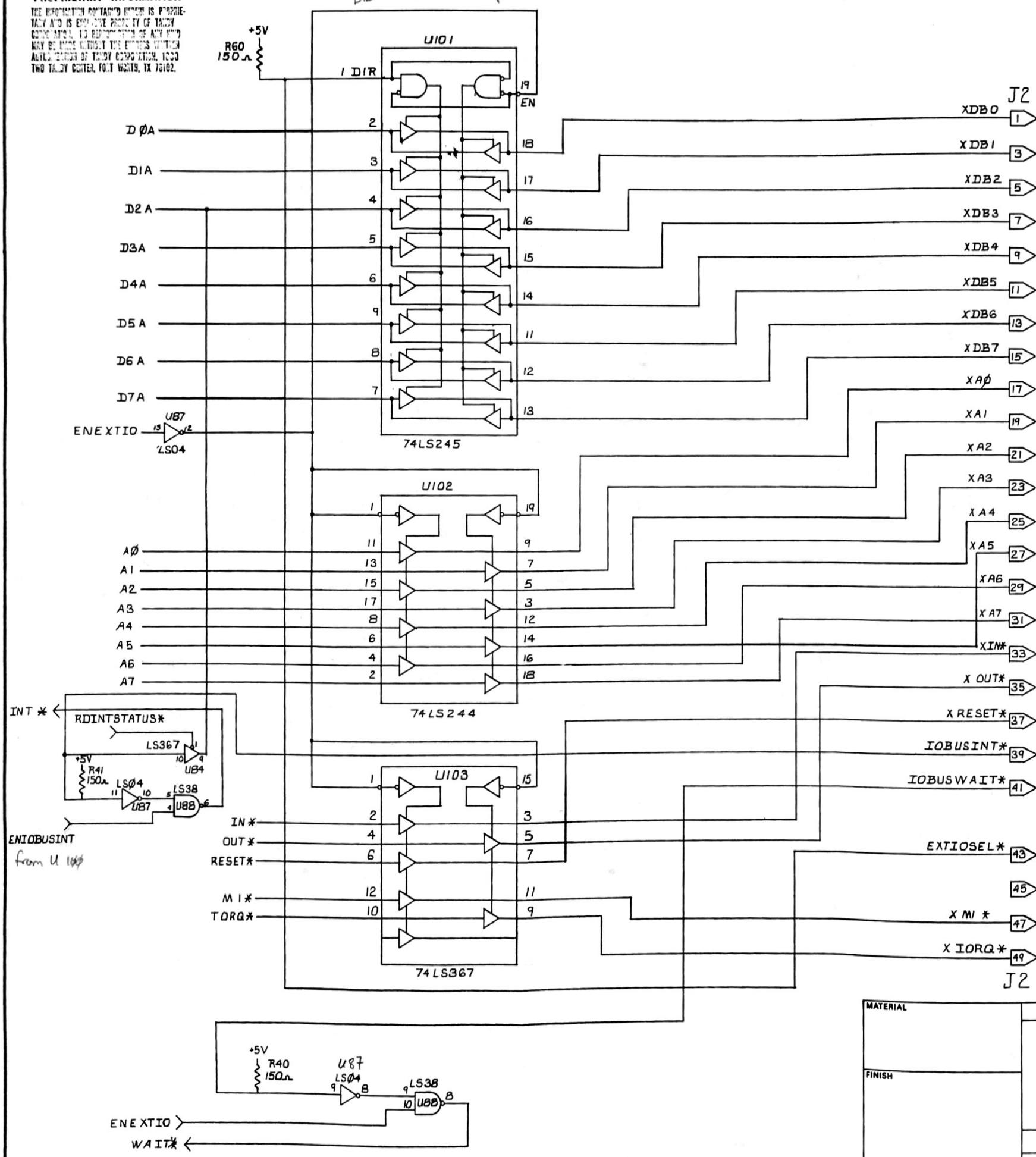
THE ABOVE KEYS (MODES) ARE CONNECTED
IN PARALLEL WITH SIMILAR KEYS OF
THE KEYBOARD MATRIX.

R P5 = 3250Ω change to 1500Ω if getting random characters.

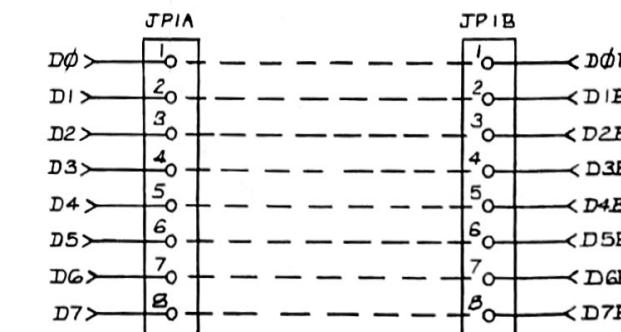
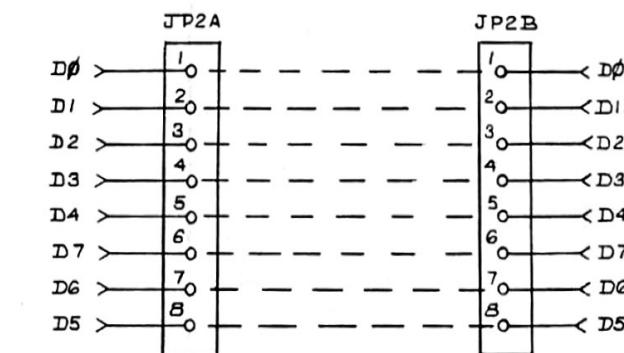
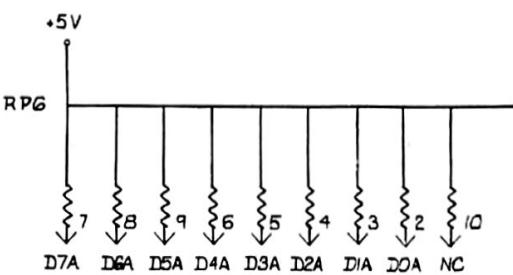
PROPRIETARY INFORMATION

The information contained herein is proprietary and is copyrighted by Tandy Corporation. It is the property of Tandy Corporation and may be used without the express written authority of Tandy Corporation, Inc.

DIR lo → data into processor
DIR hi → data out of processor

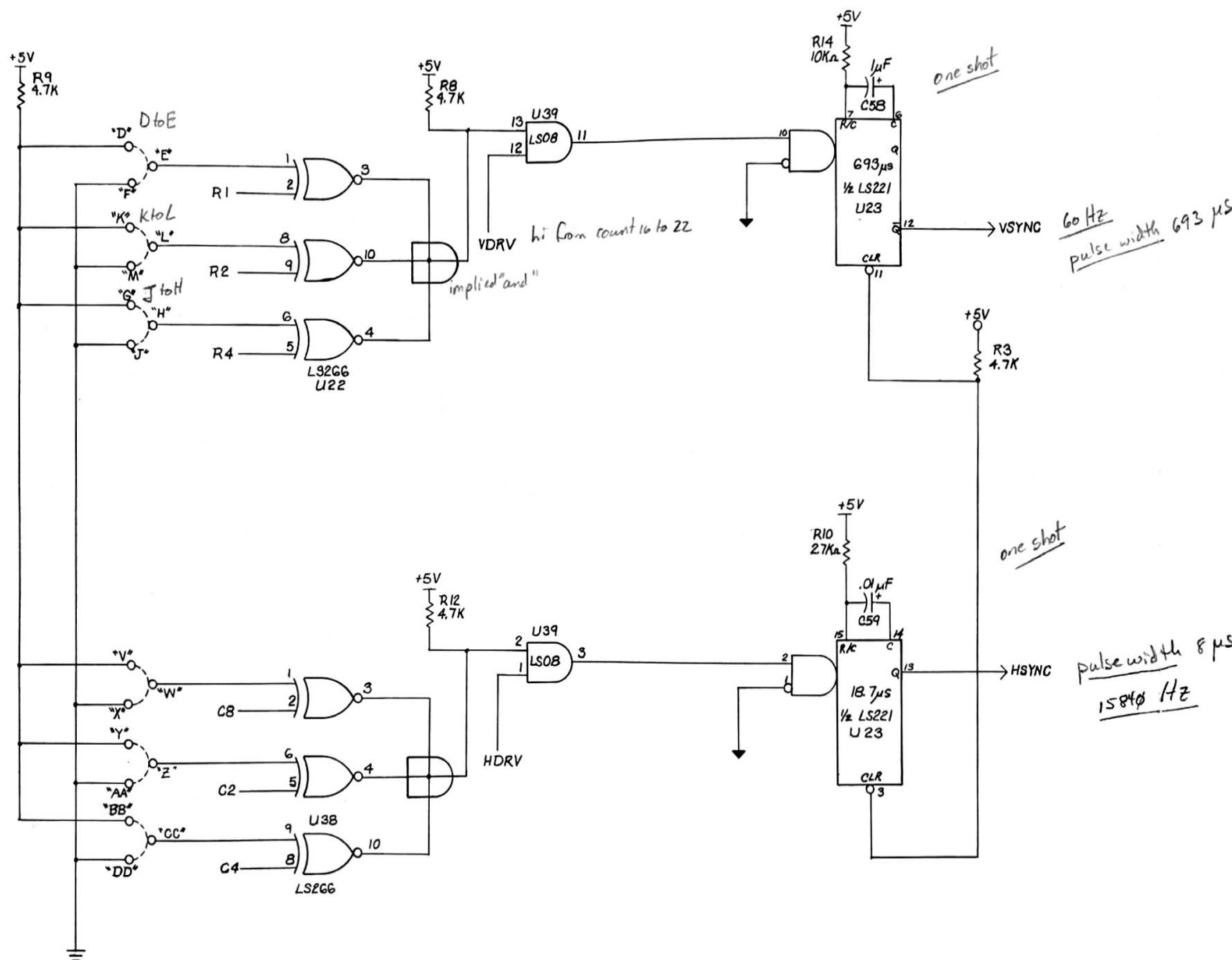


ZONE	LTR	REVISION	DATE	APPROVED
------	-----	----------	------	----------



MATERIAL	UNLESS OTHERWISE SPECIFIED	DRAFT V TERRY CHECK DESIGN APPD APPD	DATE 5-16-80 DATE DATE 11-78 DATE	TITLE
	TOLERANCES $XX = \pm 0.010$ $XXX = \pm 0.005$ ANGLES = 1° HOLE DIA TOLERANCES 014 - .250 = +.006 .251 - .750 = +.008 .751 - 1.00 = +.015 -.001			
FINISH	DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING	425 315	NEXT ASSY. USED ON	SCHEMATIC - I/O BUS, CPU BOARD MODEL III
	DO NOT SCALE THIS DRAWING			
DWG NO. 8000074	SIZE D	tandy	SCALE NONE	SHEET 9 OF 11
	SCALE NONE			

PRINTED BY [REDACTED]
IN THE UNITED STATES OF AMERICA
BY TANDY CORPORATION
ONE OF THE DIVISIONS OF
TANDEM COMPUTER CORPORATION
TWO RANDY CENTER, FORT WORTH, TEXAS 76132

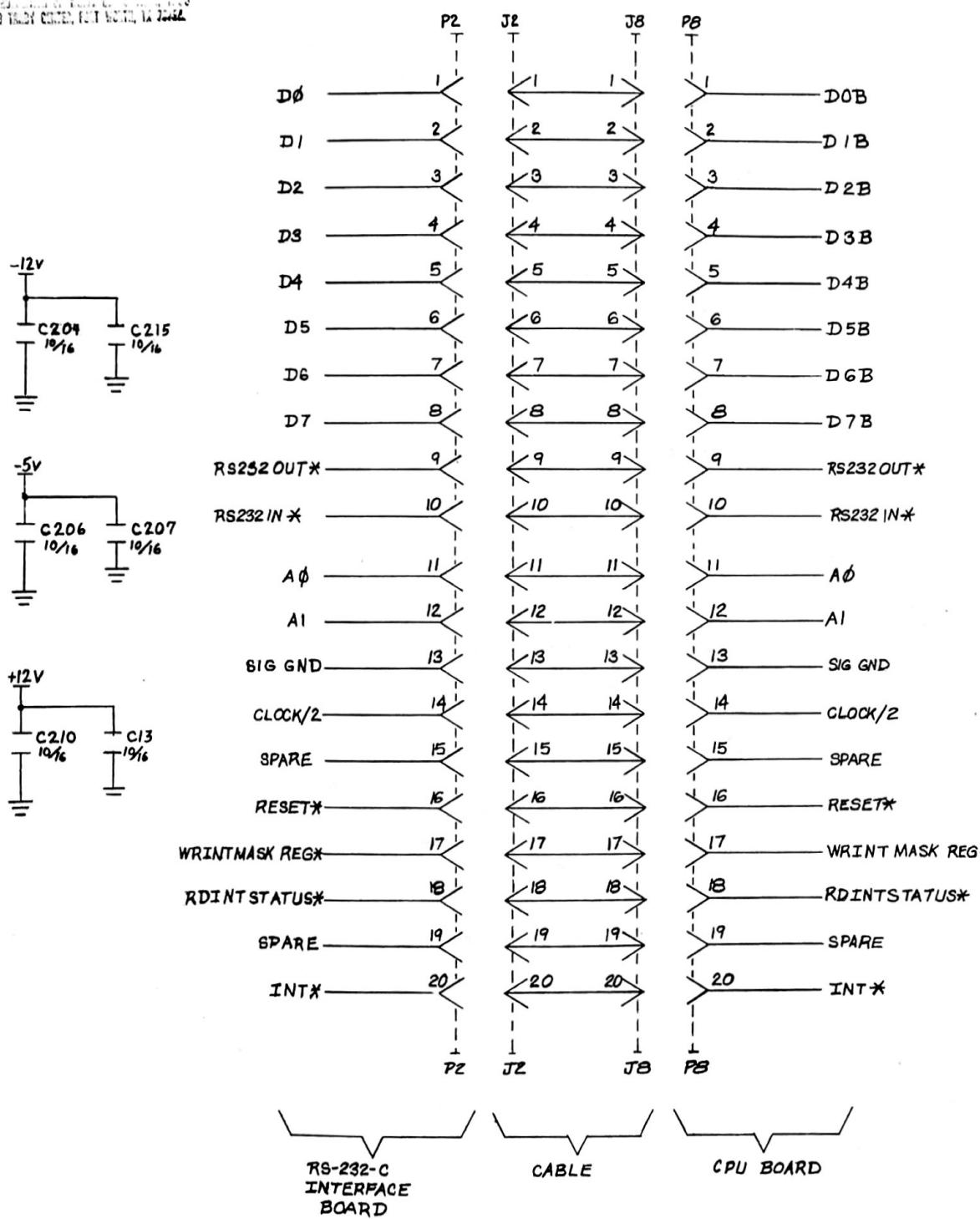


C 5000074

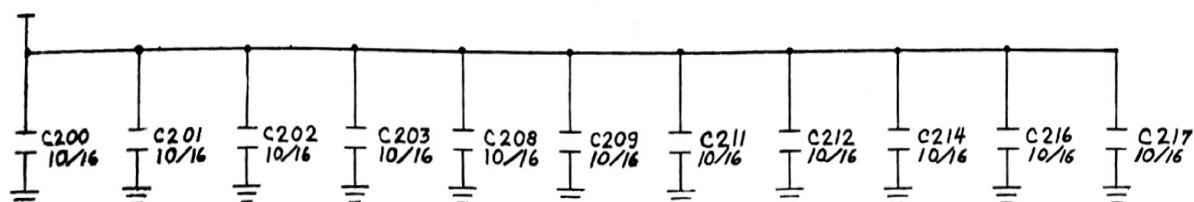
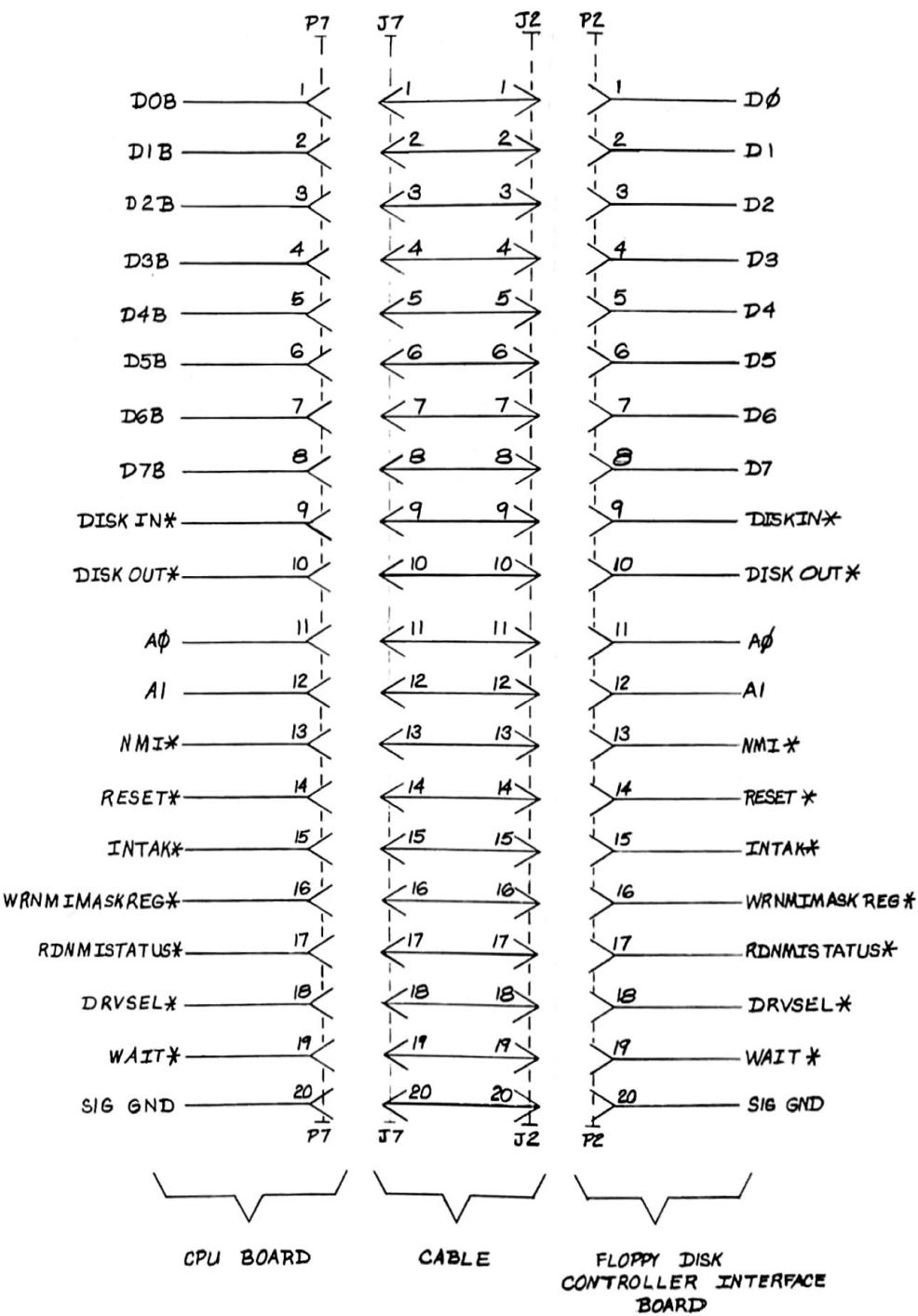
MATERIAL	UNLESS OTHERWISE SPECIFIED TOLERANCES $XX = \pm .010$ $XXX = \pm .005$ ANGLES $\pm 2^\circ$ HOLE DIA TOLERANCES $.014 - .250 = + .005$ $.251 - .750 = + .008$ $.751 - UP = + .015$	DRAFT	DATE	TITLE SCHEMATIC — VERTICAL AND HORIZONTAL SYNC CIRCUITS, CPU BOARD MODEL III
		V. TERRY	5-27-80	
FINISH	CHECK			
	DESIGN			
	APPD	11.7.15.		
	APPD			
	DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING			
	DO NOT SCALE THIS DRAWING	NEXT ASSY.	USED ON	tandy

DWG NO. 8000074 SIZE D
SCALE SHEET OF 10 11
NONE

RS-232-C INTERFACE CONNECTOR



FLOPPY DISK CONTROLLER INTERFACE CONNECTOR



MATERIAL	UNLESS OTHERWISE SPECIFIED		DRAFT V. TLKRY	DATE AUG 21	TITLE SCHEMATIC— RS-232C INTERFACE AND FDC INTERFACE CONNECTORS, CPU BOARD MODEL III
	TOLERANCES XX = ± .010 XXX = ± .005 ANGLES = ± 1°	HOLE DIA TOLERANCES 0.14 - 250 = ± .005 251 - 750 = ± .008 751 - UP = ± .015			
FINISH	DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING		APPD 11.7.8	APPD	
		DO NOT SCALE THIS DRAWING	NEXT ASSY.	USED ON	
					DWG NO. 8000074 SIZE SCALE SHEET OF NONE 11 / 11

tandy

8020074C