

DRAWINGS MANUAL

ADAM ADVANCED DIGITAL AUDIO MATRIX

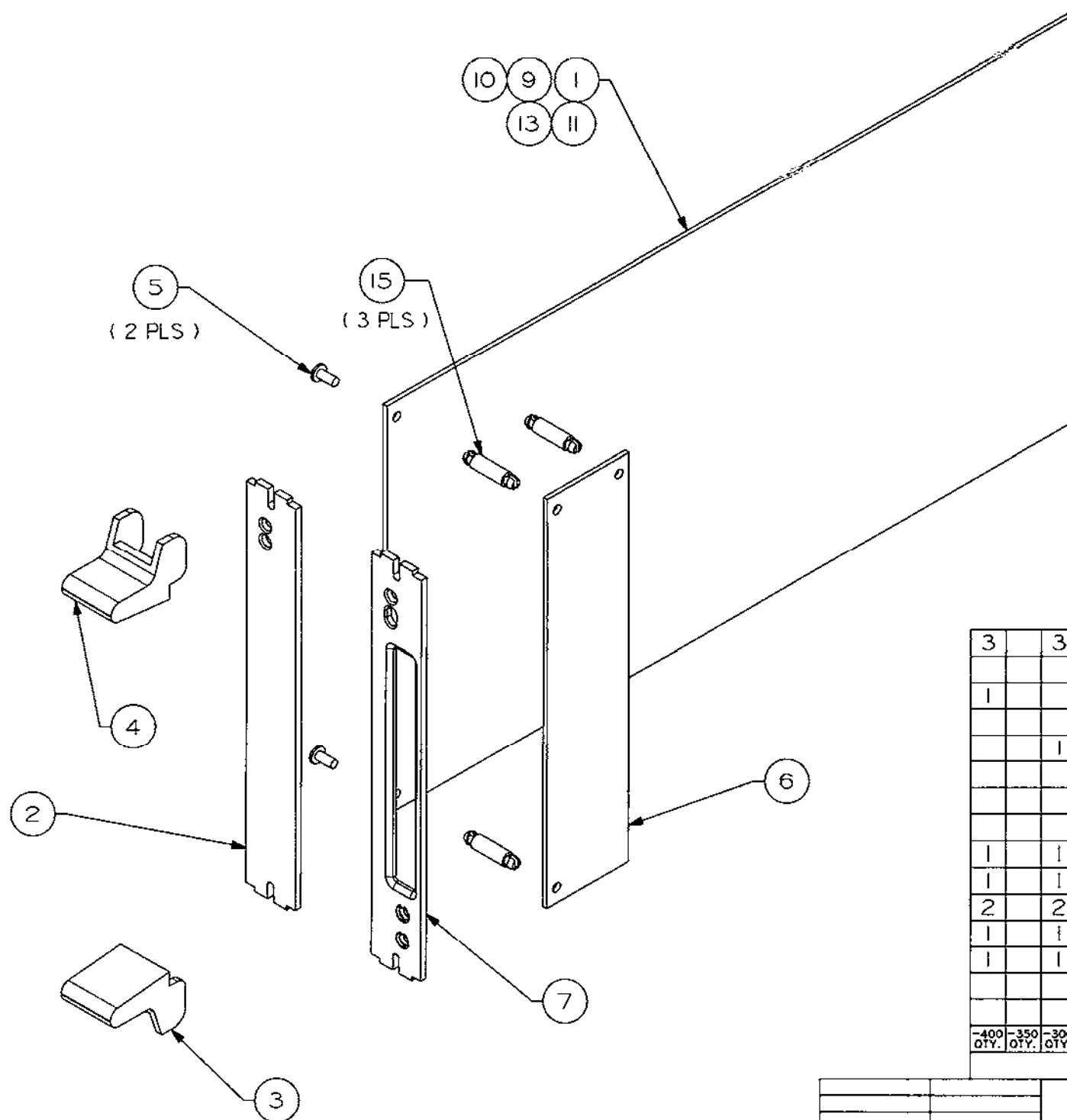
MC ADAM CS SYSTEM CONTROLLER CARD

RTSTM

NOTES:

2	SHEET	SHEET
	REV.	REVISION

REVISIONS							
LOC.	REV.	DESCRIPTION	ECO. NO.	DRFT	CHKR	APP	DATE
	A	RELEASE	61450	dk		TAY	1-31-96
	B	ADD ITEM 8. -500 & -501	61694	dk			4-11-96
	C	CHNG P/N ITEM 6 WAS 600204-000	61899	dk			6-4-96
	D	ADD ITEMS 9 - 14. -100,200,300,350,400,&450	62059	dk			7-26-96
	E	DELETE ITEMS 12 & 14	62233	dk			9-5-96
	F	ADD ITEM 15. CHNG P/N ITEM 5 WAS 51845-038	62388	dk			10-18-96
	G	DEL ITEM 8 WAS 90207514-500. DEL -350. -450. -500 & -501	63103	dk		TAY	5-13-97
	H	CHNG -501 WAS -000. -500 WAS -001	63149	dk		TAY	5-29-97
	J	CHNG QTY ITEM 2. -501 WAS 1. -500 WAS 0. CHNG QTY CHNG QTY ITEMS 6 & 7. -501 WAS 0. -500 WAS 1. CHNG CHNG QTY ITEM 15. -501 WAS 0. -500 WAS 3	63254	dk			5-29-97



3	3	3	3	3	15	58493-000	SUPPORT POST. MINIATURE
					14		
1					13	90307514-400	ADAM CONTROLLER PCB ASSY(4 FRAME)
					12		
	1				11	90307514-300	ADAM CONTROLLER PCB ASSY(3 FRAME)
		1			10	90307514-200	ADAM CONTROLLER PCB ASSY(2 FRAME)
			1		9	90307514-100	ADAM CONTROLLER PCB ASSY(1 FRAME)
					8		
1	1	1	1	1	7	91107467-017	CARD PLATE FRONT. ADAM CONTROLLER
1	1	1	1	1	6	90307558-000	LED PC BOARD
2	2	2	2	2	5	59000-230	SCREW. METRIC
1	1	1	1	1	4	590191-000	EXTRACTER
1	1	1	1	1	3	590191-001	EXTRACTER
				1	2	91107467-001	CARD PLATE FRONT. ADAM CONTROLLER
				1	1	90307514-000	ADAM CS CONTROLLER PCB ASSY
-400 QTY.	-350 QTY.	-300 QTY.	-200 QTY.	-100 QTY.	-500 QTY.	-501 QTY.	ITEM NO.
							REF. DESIG.
							PART NUMBER
							DESCRIPTION

CAD GENERATED DRAWING
PROJECT: ADAM
SUBPROJECT: MAINFRAME
OBJECT: 90207514

ADAM	90027514
MODEL	NEXT ASSY

UNSPECIFIED LIMITS OF TOLERANCE
STRAIGHTNESS AND/OR
FLATNESS .005 IN./1 IN.
CONCENTRICITY .010 TIR
ANGLES $\pm 1/2^\circ$ BENDS $\pm 2^\circ$
UNMARKED ANGLES, BENDS
AND INTERSECTIONS 90°
THREADS- EXT. CLASS 2A
INT. CLASS 2B
MOLD FINISH: SPI-SPE NO 3
DRAFT: 2°

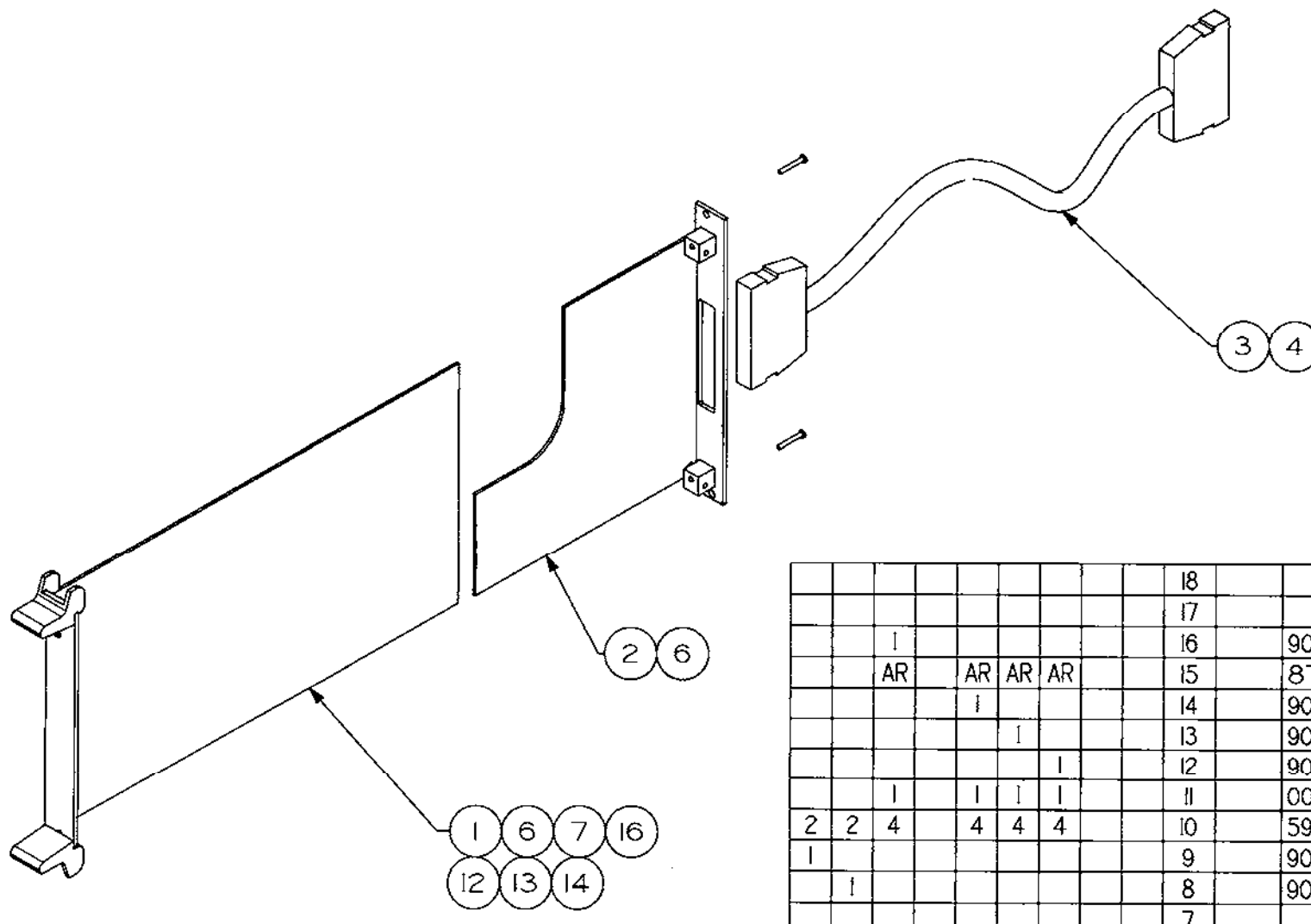
DECIMAL
.X $\pm .050$ IN.
.XX $\pm .030$ IN.
.XXX $\pm .010$ IN.

MACHINED
FINISH: 64
DRAFT: 2°

DR dk CK APP
DATE 11-96 SCALE 1:1
DO NOT SCALE DRAWING
TELEX
MINNEAPOLIS, MINNESOTA

TITLE MC-ADAM
SIZE DWG. NO. 90207514
SHT 1 OF 1
PLANT DIST. LN. BE

(4 PLS)



										18				
										17				
		I								16	90207514-400	FRONT CARD ASSY(4 FRAME)		
		AR		AR	AR	AR				15	879038	MC BOXING ASSEMBLY		
				I						14	90207514-300	FRONT CARD ASSY(3 FRAME)		
					I					13	90207514-200	FRONT CARD ASSY(2 FRAME)		
						I				12	90207514-100	FRONT CARD ASSY(1 FRAME)		
		I		I	I	I				11	00658-000	BAG, PLASTIC		
2	2	4		4	4	4				10	59000-240	SCREW, PANHEAD, M2.5 X 10.0		
I										9	90207514-501	FRONT CARD ASSEMBLY		
	I									8	90207514-500	FRONT CARD ASSEMBLY, WITH LED CARD		
										7				
		AR		AR	AR	AR				6	576027-000	STATIC BAG		
										5				
		I		I	I	I				4	00658-005	BAG, PLASTIC		
		I		I	I	I				3	90207562-008	CABLE, 68 POS SCSI		
		I		I	I	I				2	90207555-000	BACK CARD ASSEMBLY		
										I				
-501 QTY.	-500 QTY.	-400 QTY.	-350 QTY.	-300 QTY.	-200 QTY.	-100 QTY.	-001 QTY.	-000 QTY.	ITEM NO.	REF. DESIG.	PART NUMBER	DESCRIPTION		

LIST OF MATERIALS

DR dk	CK	APP
DATE 15-06	SCALE 1:2	

DO NOT SCALE DRAWING

TELEX.

MINNEAPOLIS, MINNESOTA

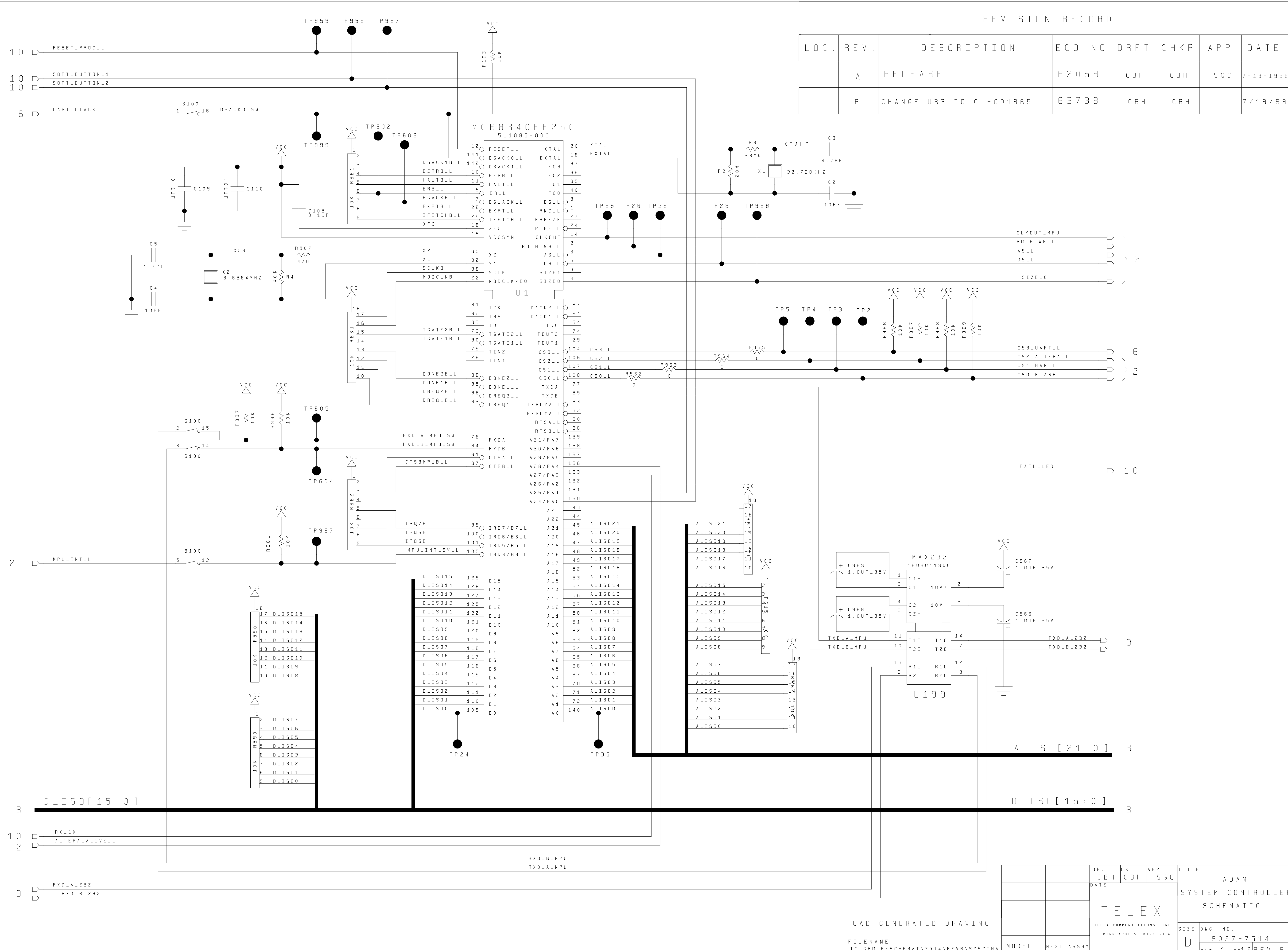
TITLE	MC-ADAM-KIT
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SIZE	DWG. NO.
C	90027514

PLANT	BE. LN
DIST.	

CAD SYSTEM: EUCLID3
PROJECT: ADAM
SUBPROJECT: MAINFRAME
OBJECT: SYSCON-KIT

ADAM	90007500
MODEL	NEXT ASS'Y

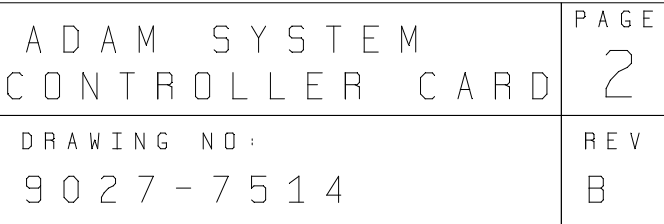


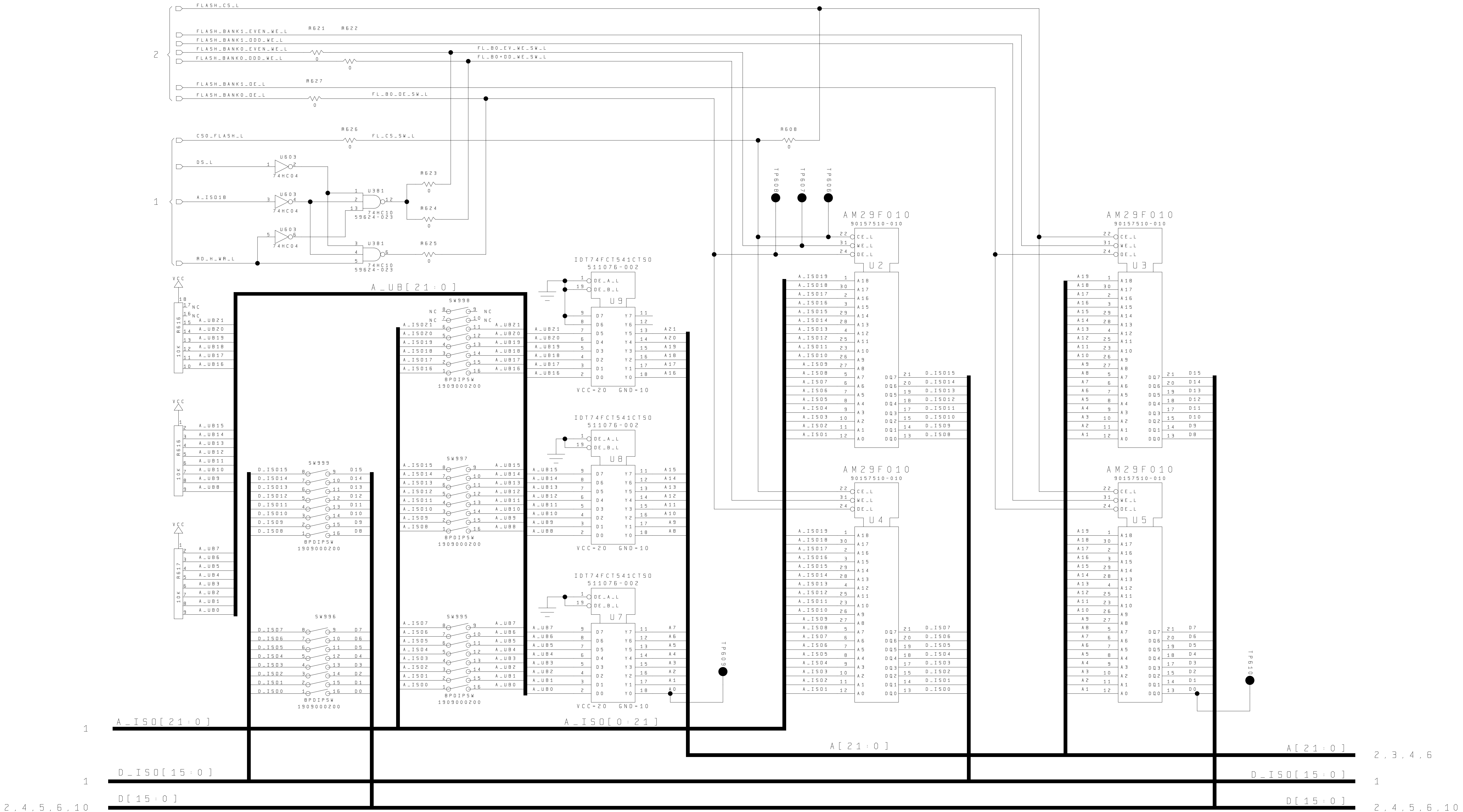
REVISION RECORD							
LOC.	REV.	DESCRIPTION	ECO NO.	DRFT.	CHKR	APP.	DATE
	A	RELEASE	62059	CBH	CBH	SGC	7-19-1996
	B	CHANGE U33 TO CL-CD1865	63738	CBH	CBH		7/19/99

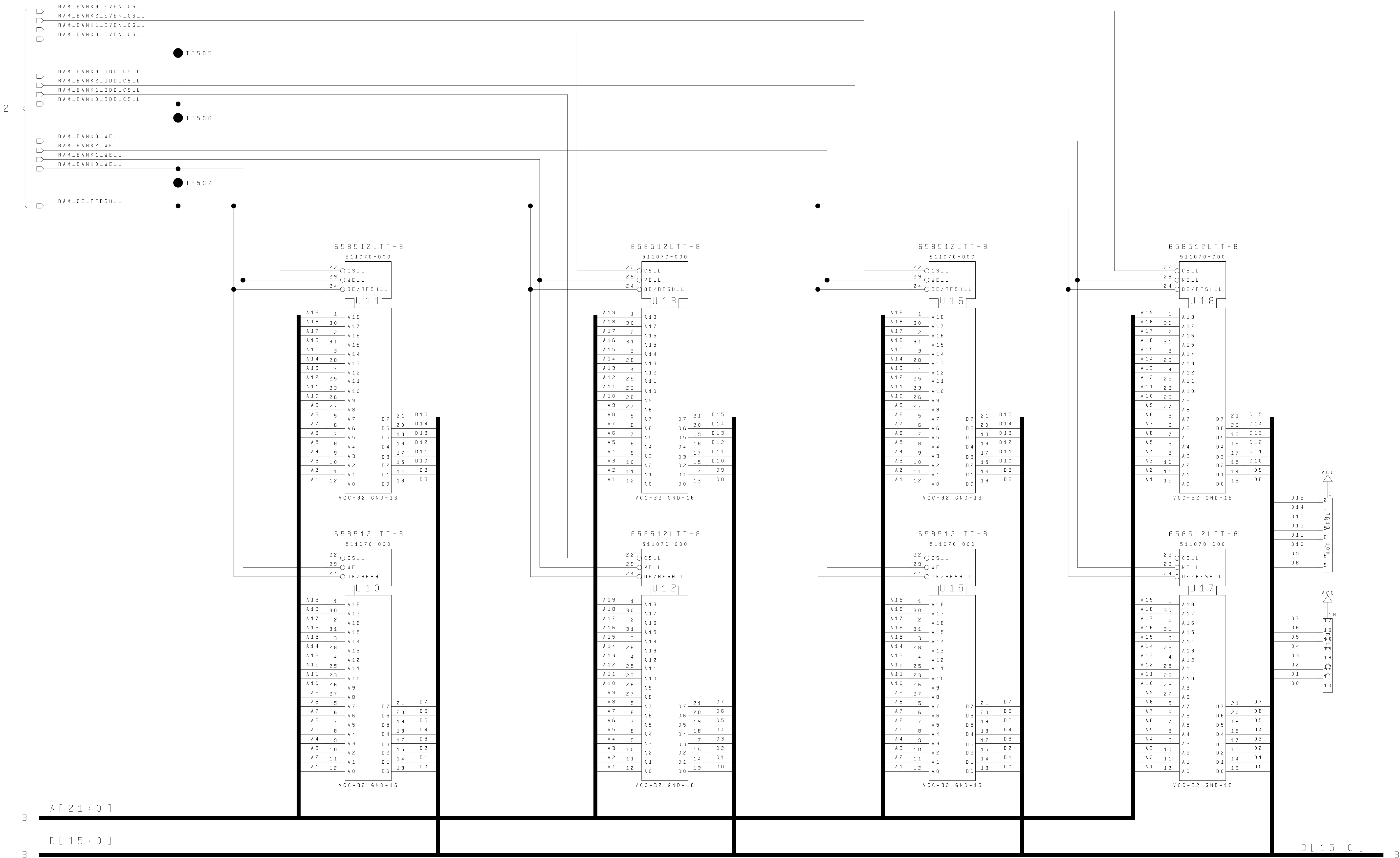
		DR. CBH	CK. CBH	APP. SGC	TITLE ADAM SYSTEM CONTROLLER SCHEMATIC	
		DATE				
		TELEX				
		TELEX COMMUNICATIONS, INC. MINNEAPOLIS, MINNESOTA				
		SIZE D	DWG. NO. 9027-7514			
		MODEL	NEXT ASSY		SHT. 1 of 12 REV. B	

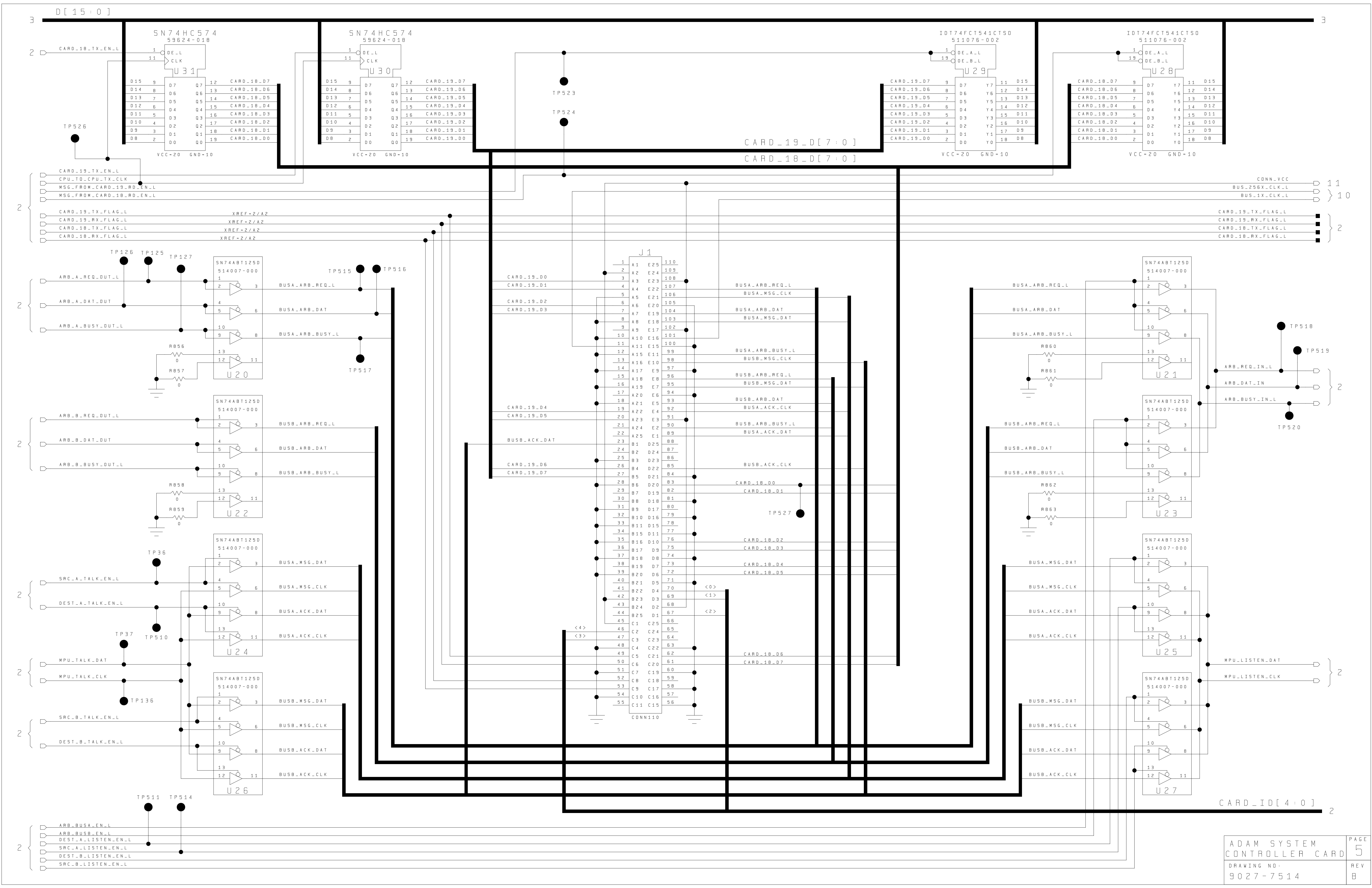
CAD GENERATED DRAWING

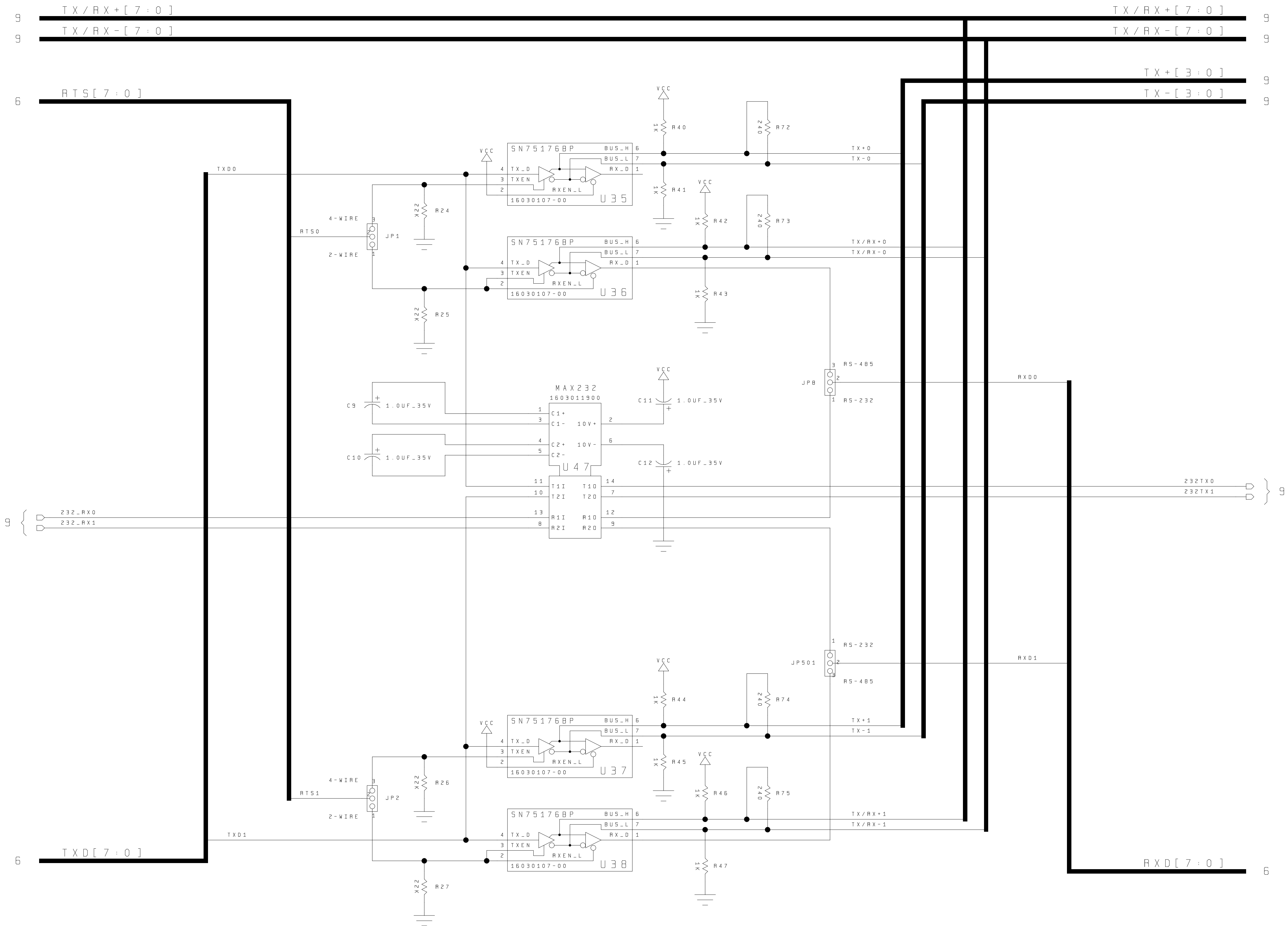
FILENAME:
IC_GROUP\SCHEMAT\7514\REVB\SYSCON

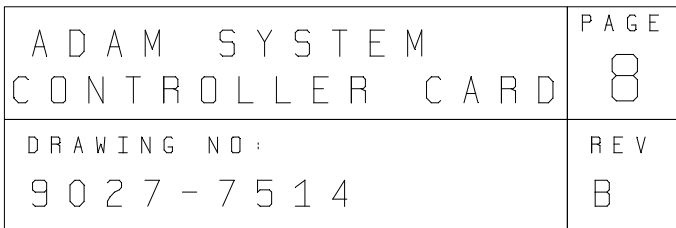












6

DTR_L [7 : 0]

MO [7 : 0]

MI [7 : 0]

DSR_L [7 : 0]

6

7

1

2

7

1

7 , 8 TX+ [3 : 0]

7 , 8 TX- [3 : 0]

7 , 8 TX/RX+ [7 : 0]

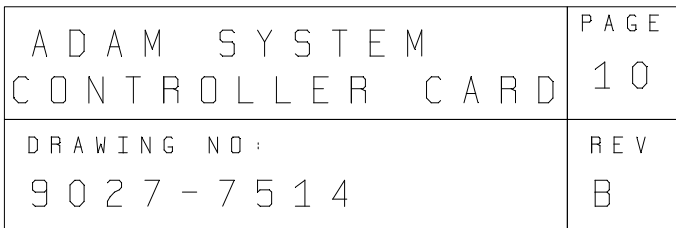
7 , 8 TX/RX- [7 : 0]

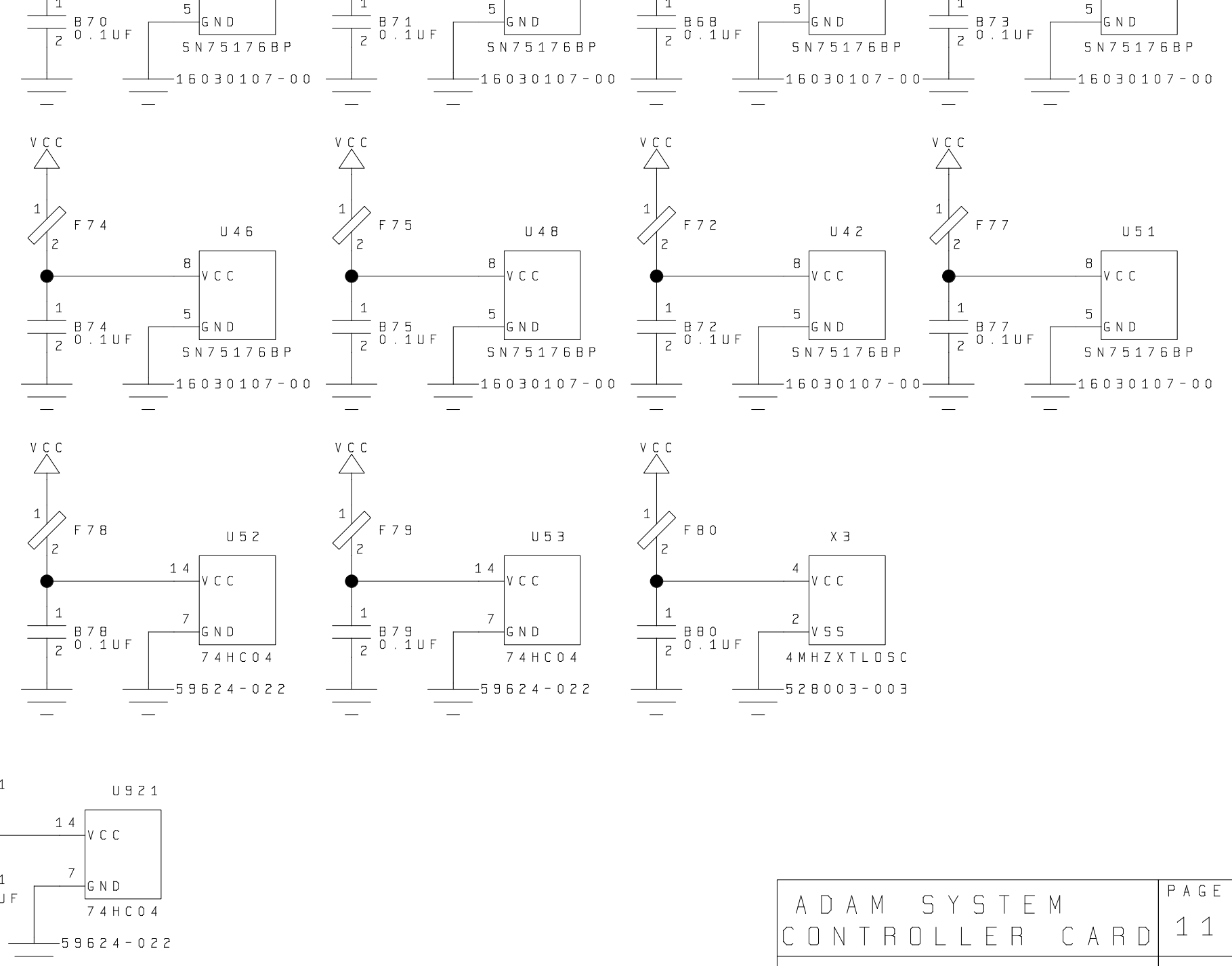
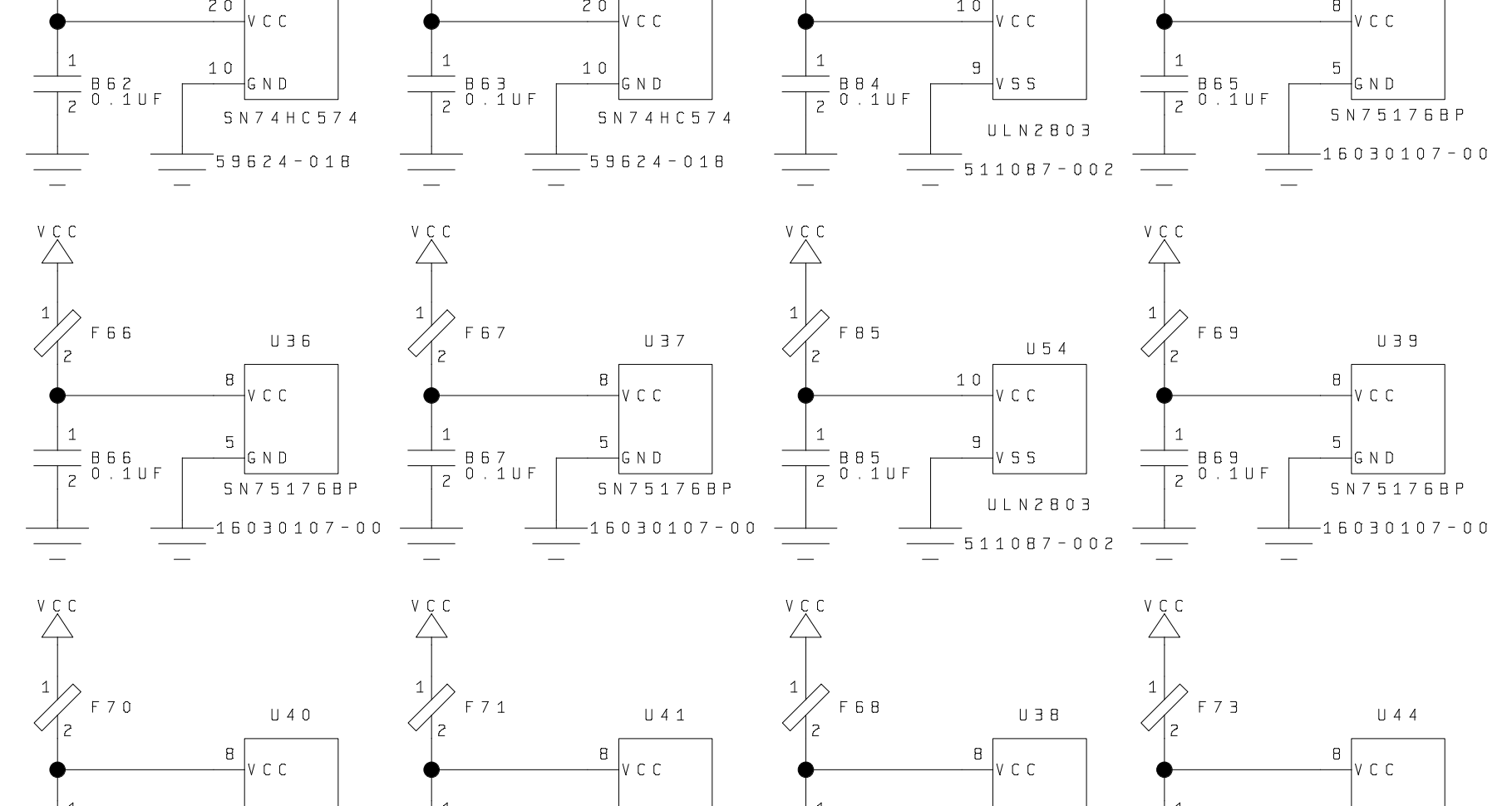
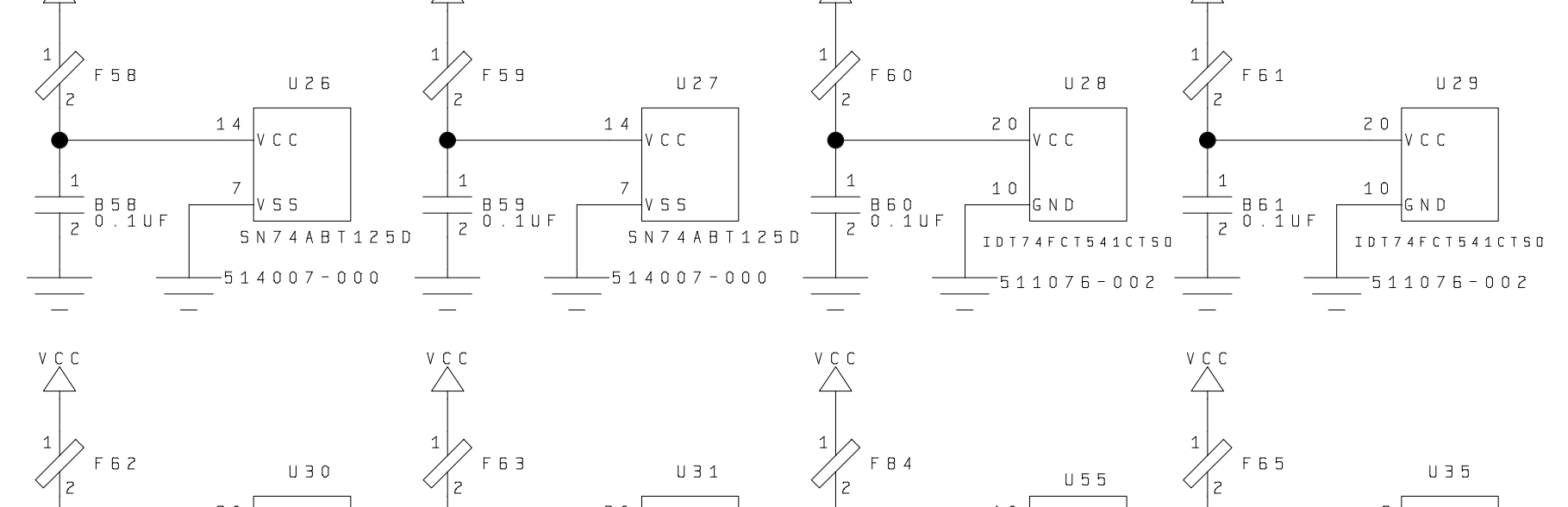
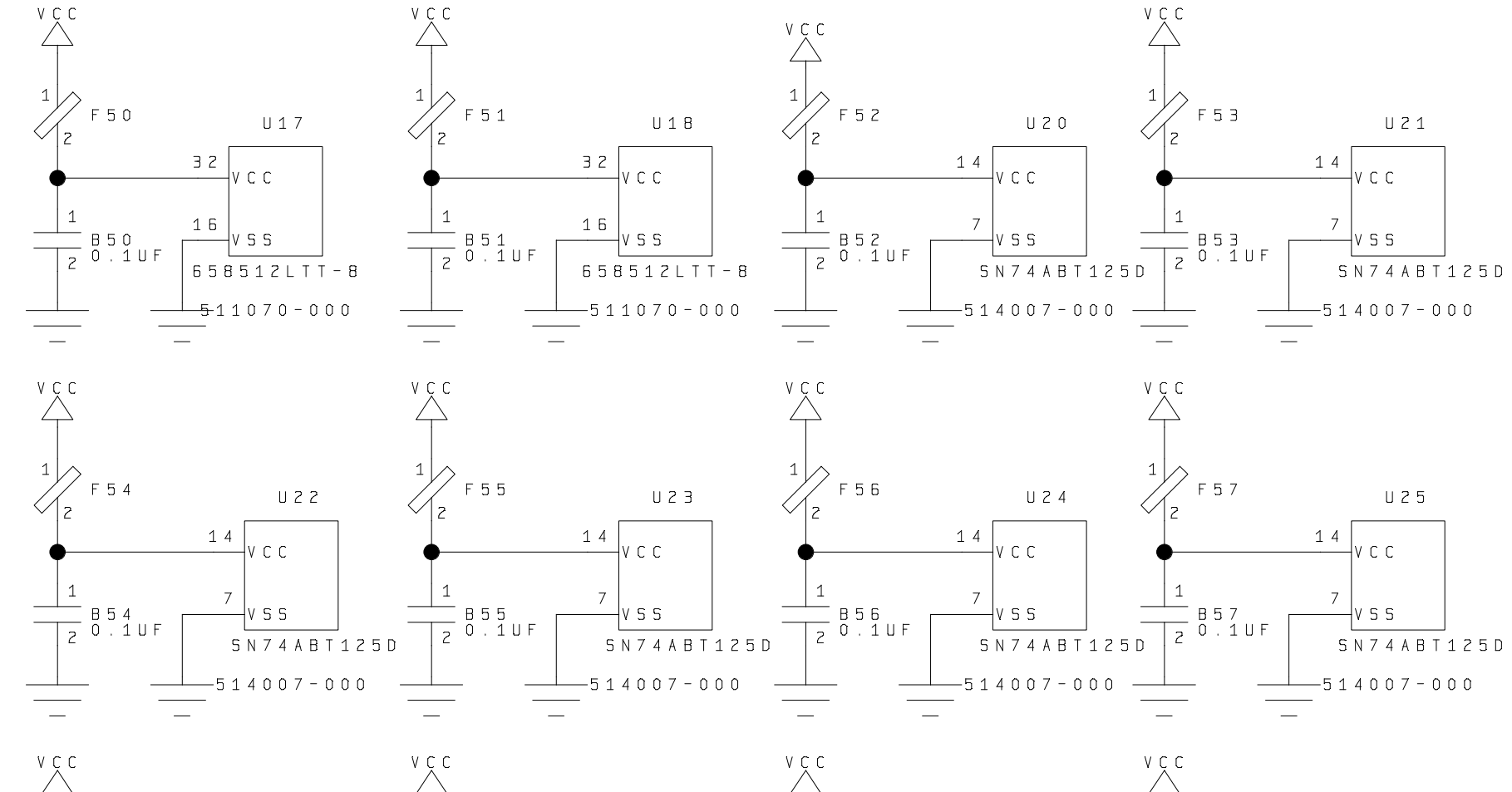
TX/RX+ [7 : 0]

TX/RX- [7 : 0]

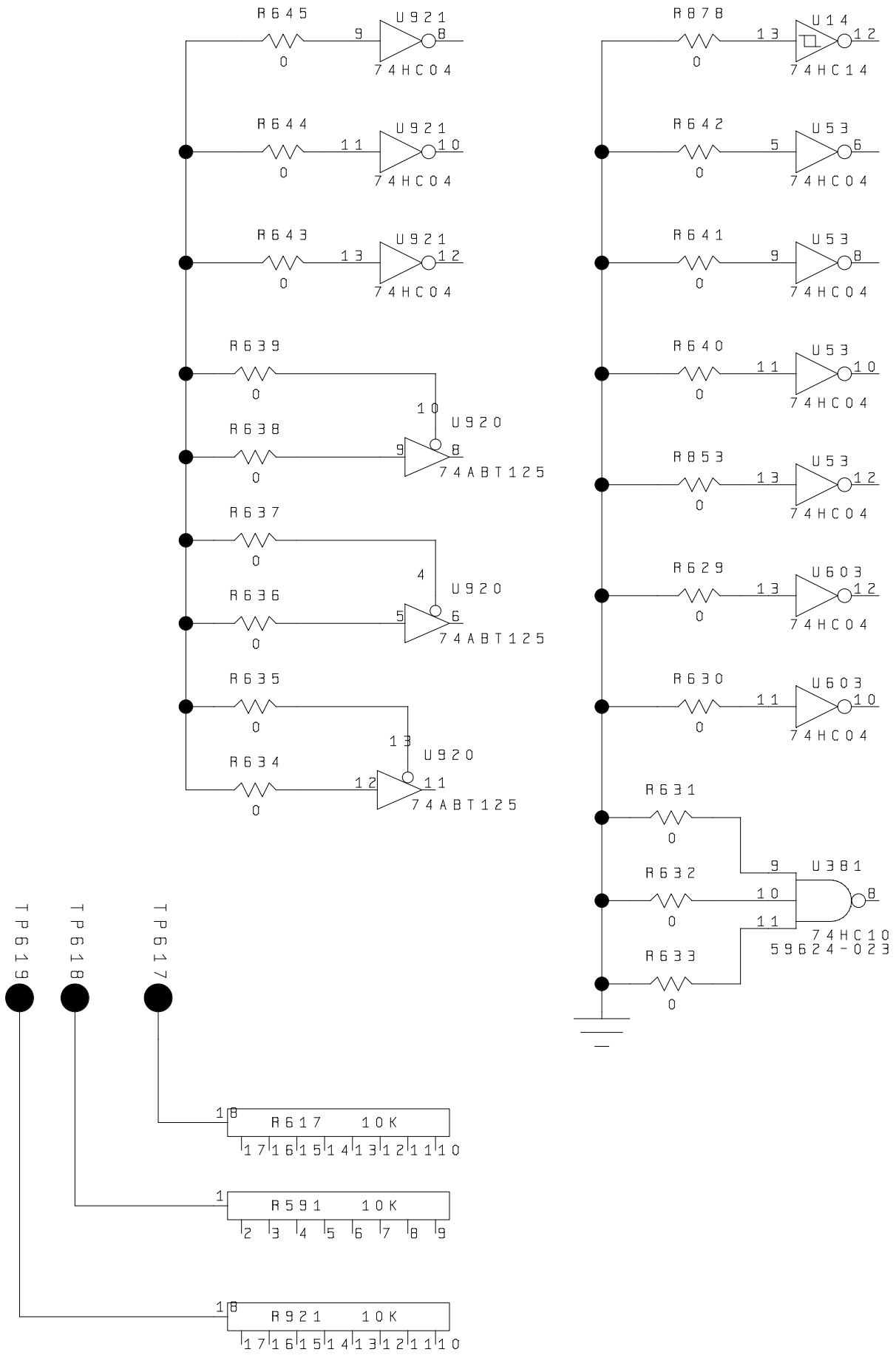
7 , 8

7 , 8





Un-Used Gates :



M 1

RD_H_WR_L	1	A1	D36	144
SIZE_0	2	A2	D35	143
DS_L	3	A3	D34	142
AS_L	4	A4	D33	141
BGACKB_L	5	A5	D32	140
BRB_L	6	A6	D31	139
BERRB_L	7	A7	D30	138
HALTB_L	8	A8	D29	137
RESET_L	9	A9	D28	136
GND	10	A10	D27	135
CLKOUT_MPU	11	A11	D26	134
XFC	12	A12	D25	133
EXTAL	13	A13	D24	132
XTAL	14	A14	D23	131
MODCLKB	15	A15	D22	130
IFETCHB_L	16	A16	D21	129
BKPTB_L	17	A17	D20	128
TGATE1B_L	18	A18	D19	127
	19	A19	D18	126
	20	A20	D17	125
	21	A21	D16	124
	22	A22	D15	123
	23	A23	D14	122
	24	A24	D13	121
	25	A25	D12	120
	26	A26	D11	119
	27	A27	D10	118
	28	A28	D9	117
	29	A29	D8	116
	30	A30	D7	115
	31	A31	D6	114
	32	A32	D5	113
	33	A33	D4	112
	34	A34	D3	111
	35	A35	D2	110
	36	A36	D1	109
	37	B1	C36	108
	38	B2	C35	107
	39	B3	C34	106
	40	B4	C33	105
	41	B5	C32	104
	42	B6	C31	103
	43	B7	C30	102
	44	B8	C29	101
A_ISO21	45	B9	C28	100
A_ISO20	46	B10	C27	99
A_ISO19	47	B11	C26	98
A_ISO18	48	B12	C25	97
A_ISO17	49	B13	C24	96
	50	B14	C23	95
	51	B15	C22	94
A_ISO16	52	B16	C21	93
A_ISO15	53	B17	C20	92
A_ISO14	54	B18	C19	91
	55	B19	C18	90
A_ISO13	56	B20	C17	89
A_ISO12	57	B21	C16	88
A_ISO11	58	B22	C15	87
	59	B23	C14	86
	60	B24	C13	85
A_ISO10	61	B25	C12	84
A_ISO9	62	B26	C11	83
A_ISO8	63	B27	C10	82
A_ISO7	64	B28	C9	81
A_ISO6	65	B29	C8	80
A_ISO5	66	B30	C7	79
A_ISO4	67	B31	C6	78
	68	B32	C5	77
	69	B33	C4	76
A_ISO3	70	B34	C3	75
A_ISO2	71	B35	C2	74
A_ISO1	72	B36	C1	73

CONN144

A_ISO[21 : 0]

A_ISO[0 : 21]

1

D_ISO[0 : 15]

D_ISO[0 : 15]

1

1