

IBM MICROELECTRONICS

RELEASE 0.0

MESQUITE

401REF

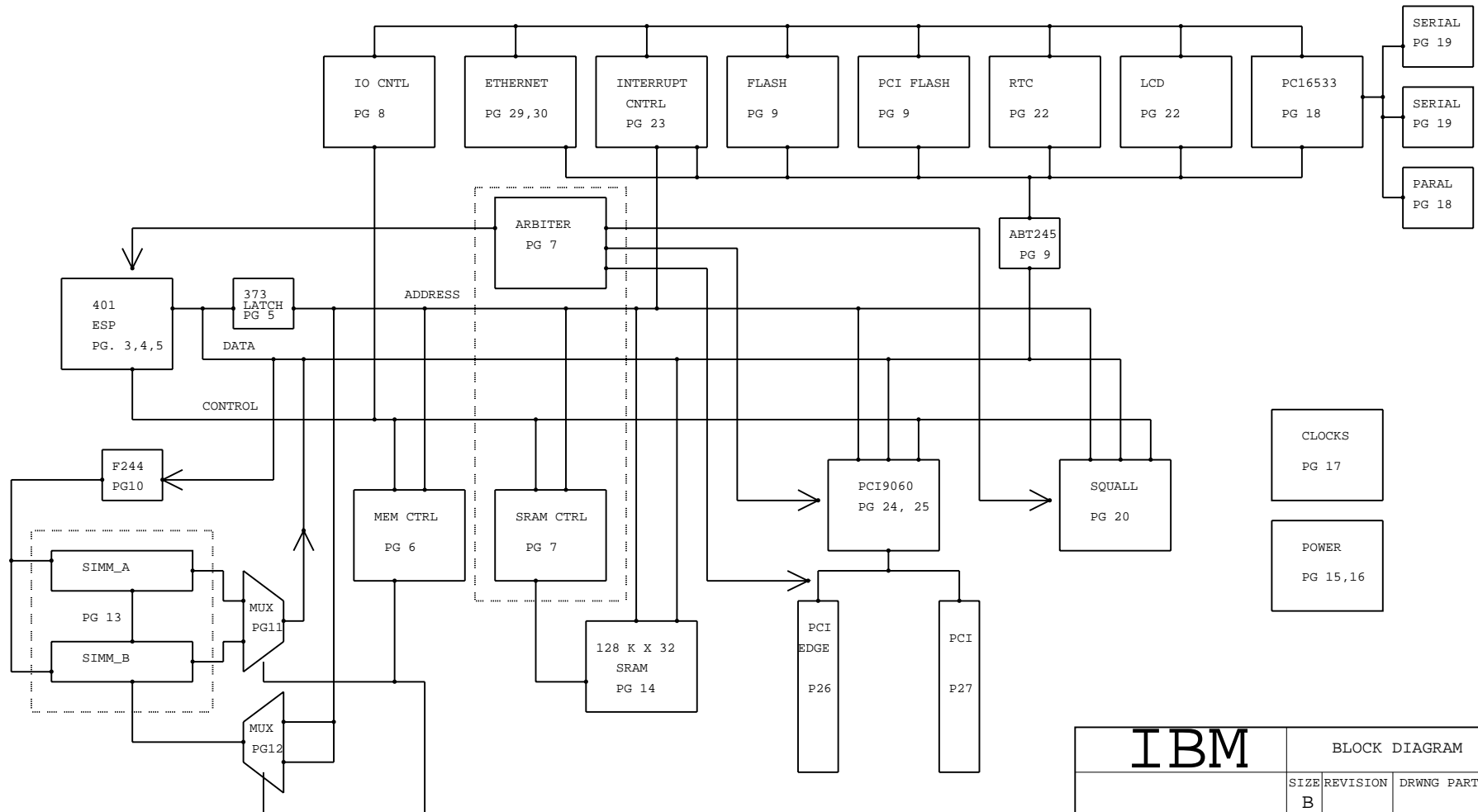
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EC LEVEL: XXXXXXXXX

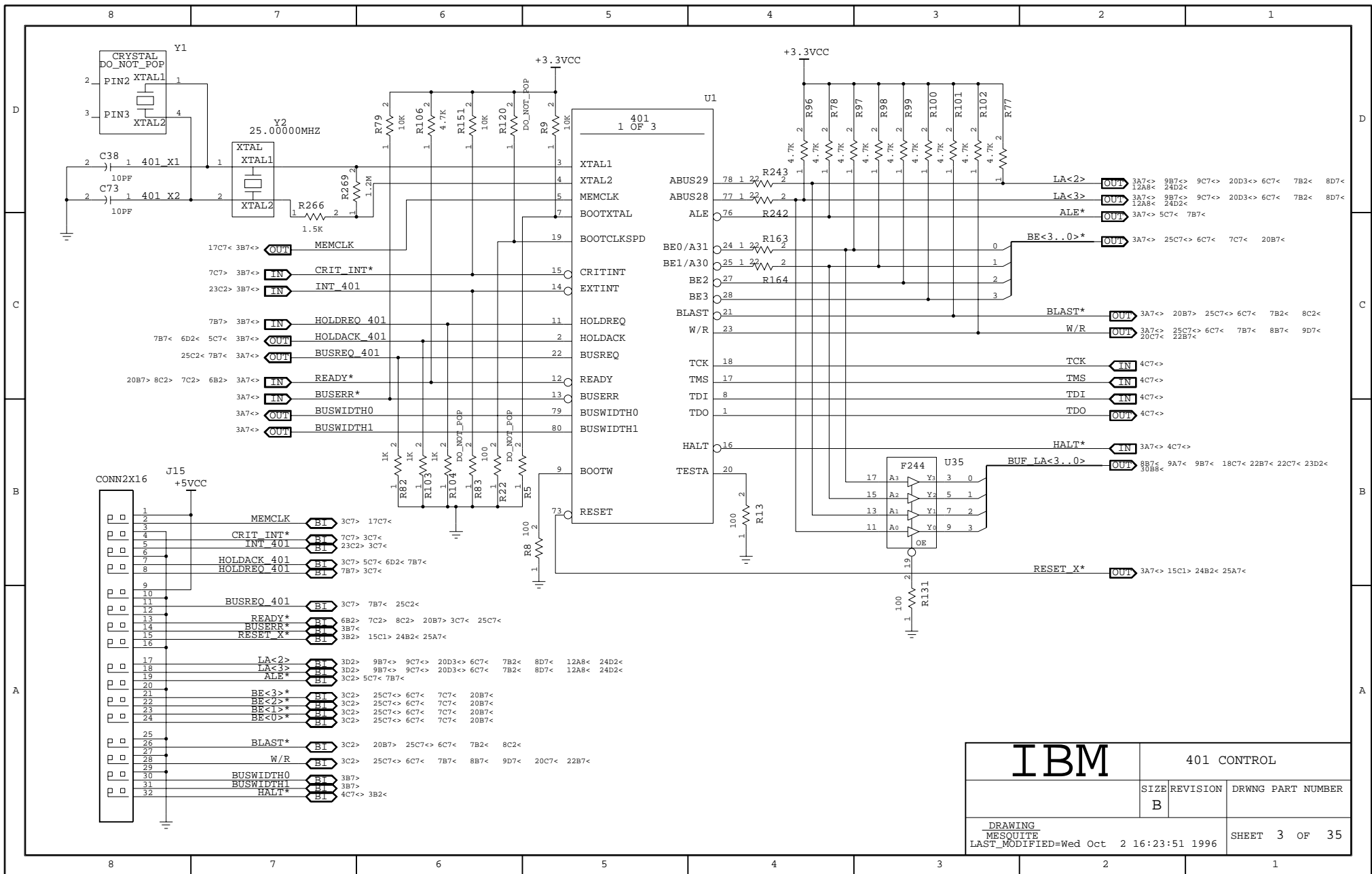
RELEASE DATE: / /1996

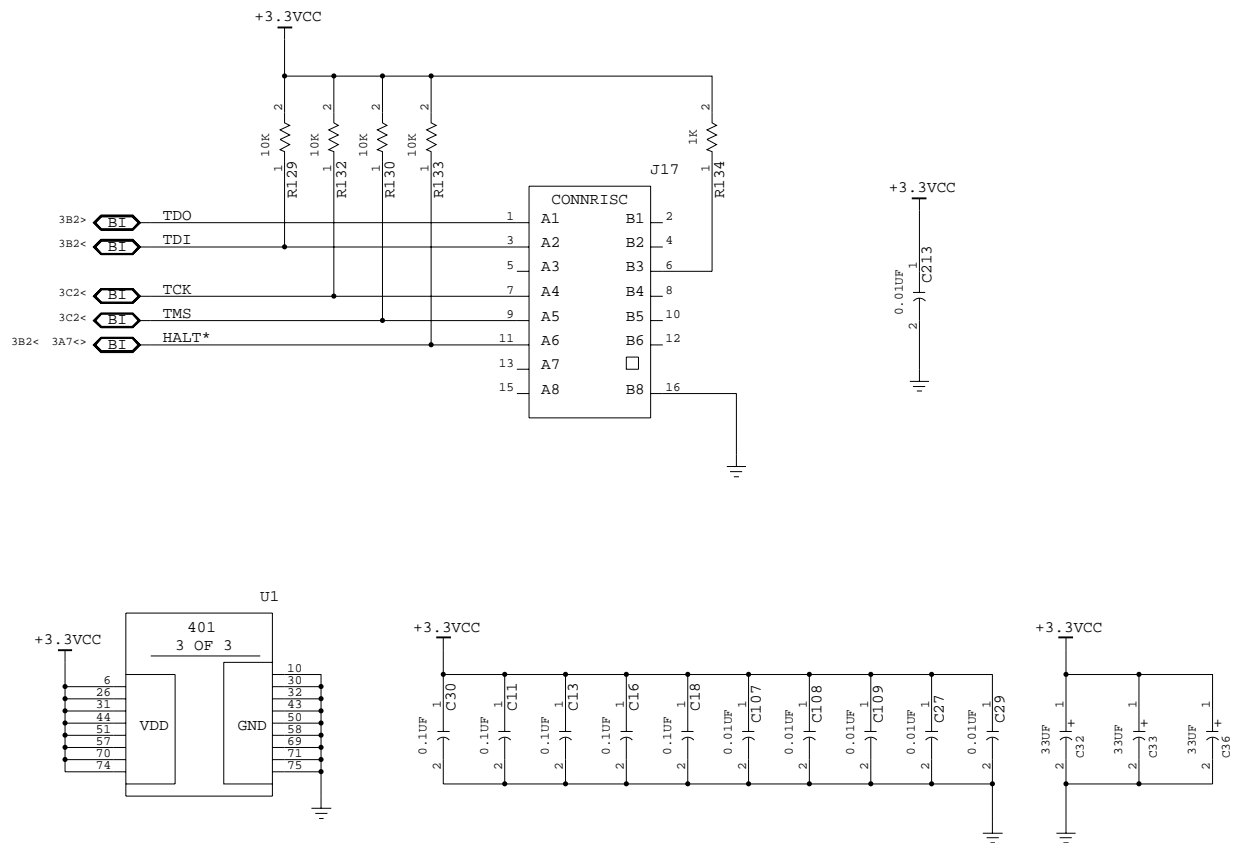
IBM			
	SIZE	REVISION	DRWG PART NUMBER
	B		
DRAWING MESQUITE			SHEET 1 OF 35

BLOCK DIAGRAM

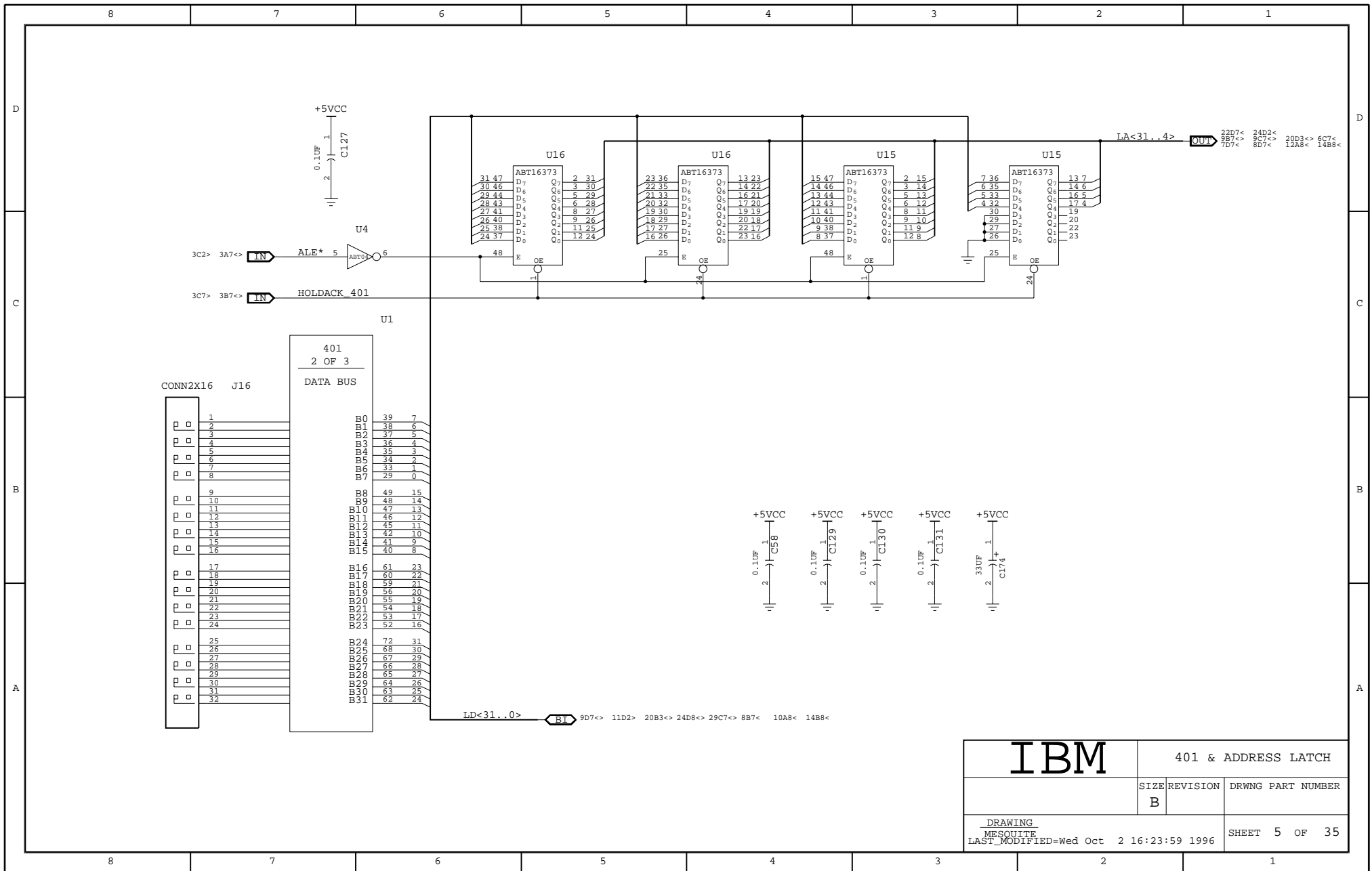


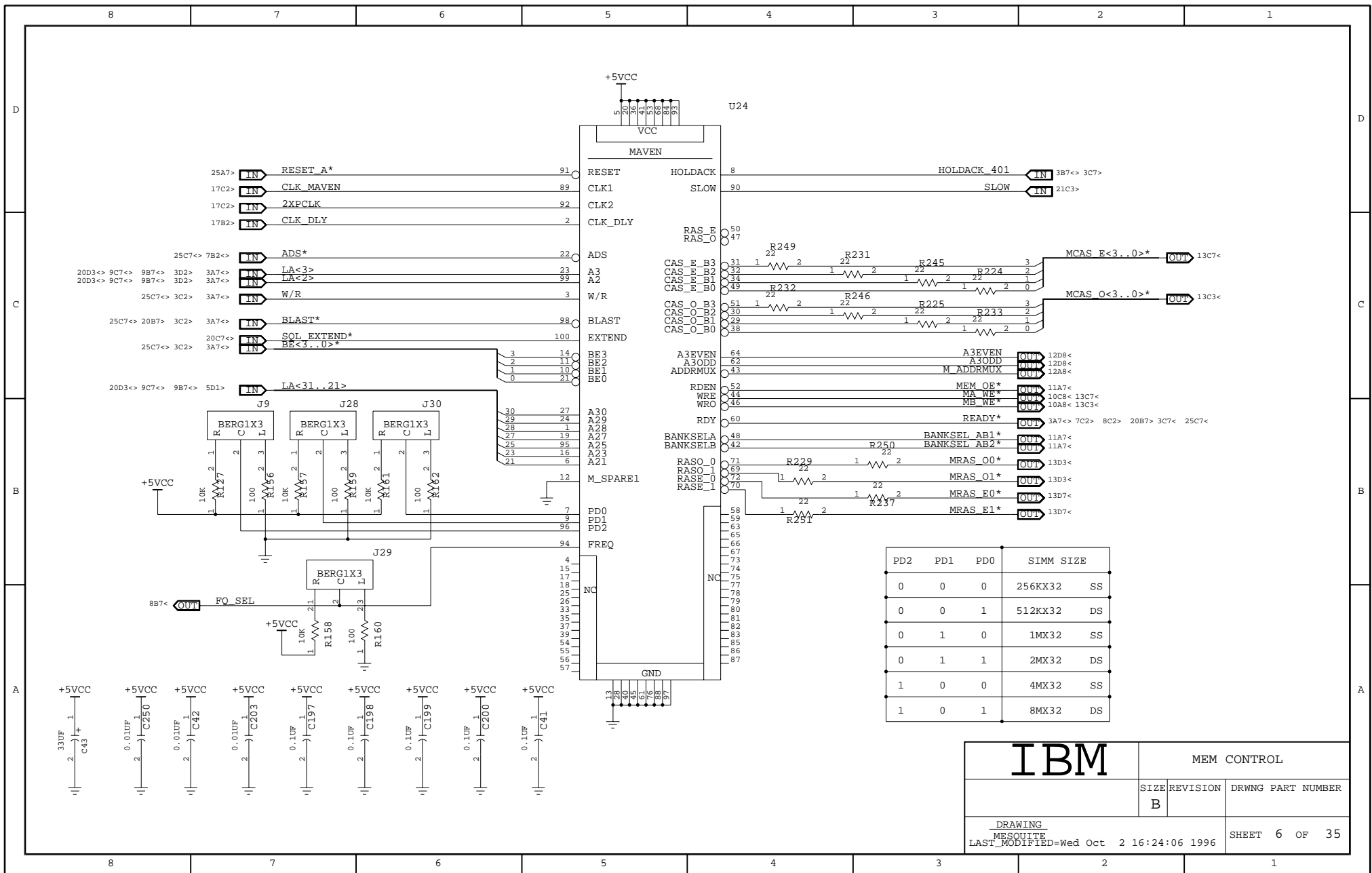
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	B		
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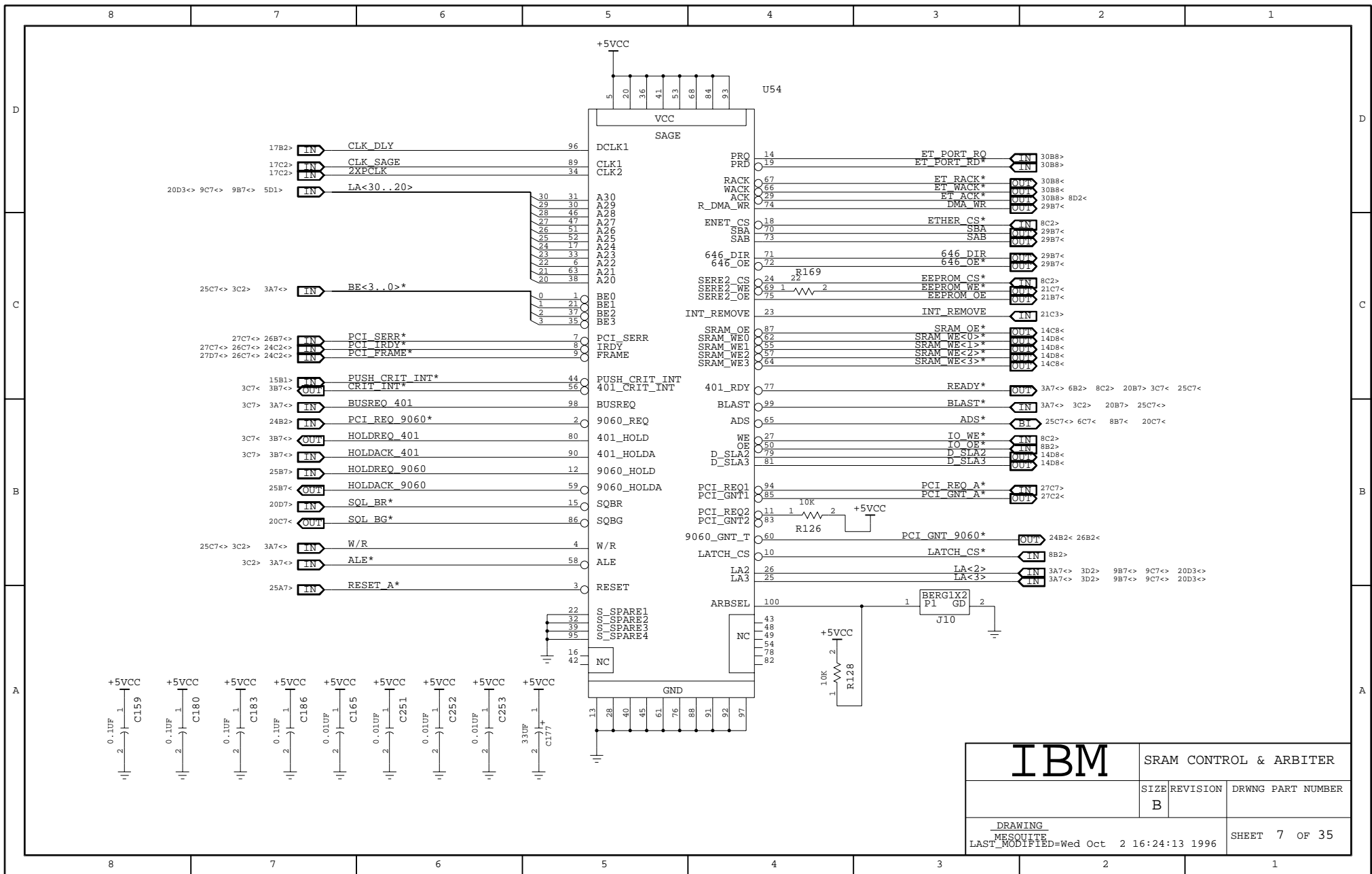


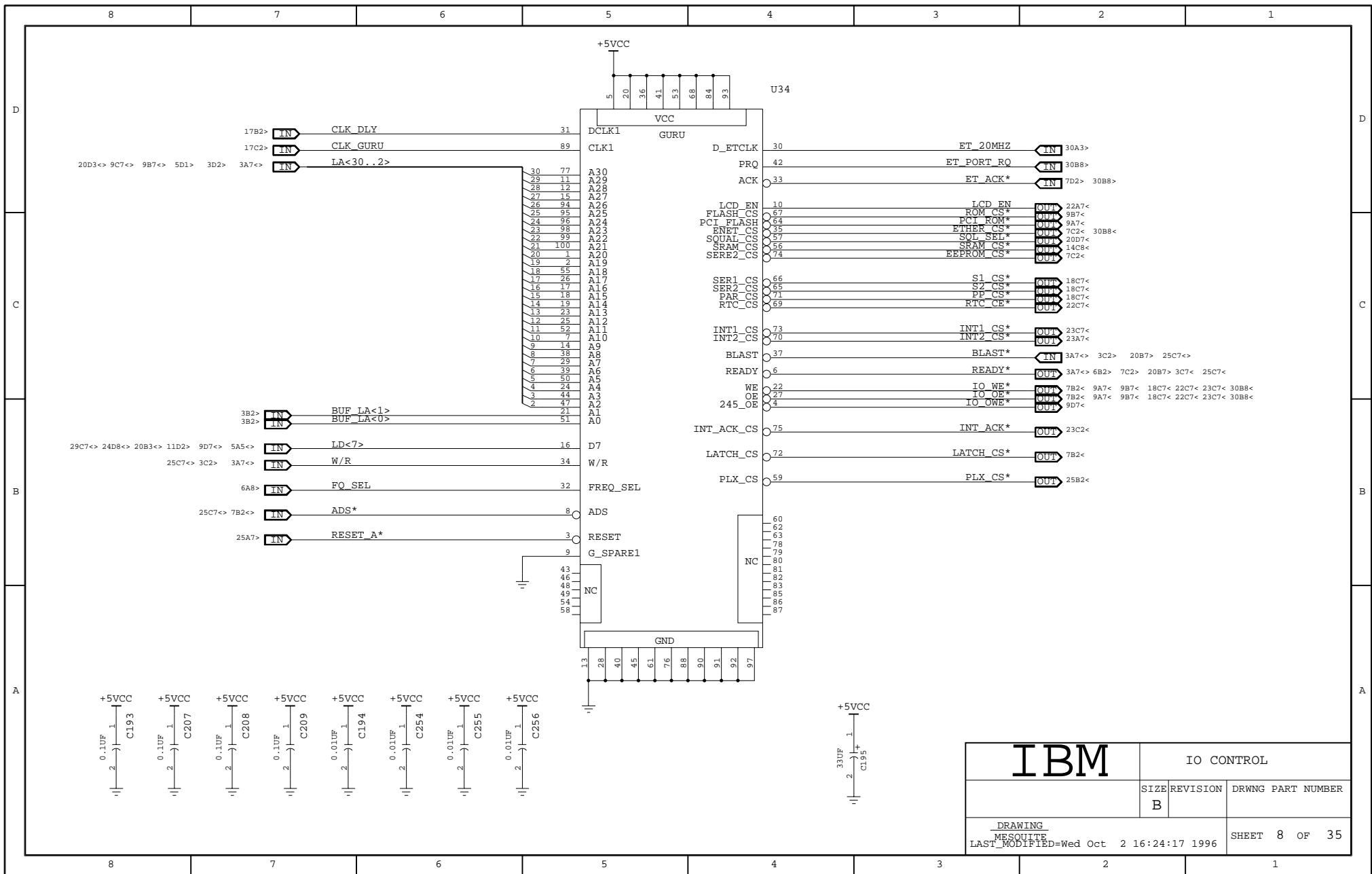


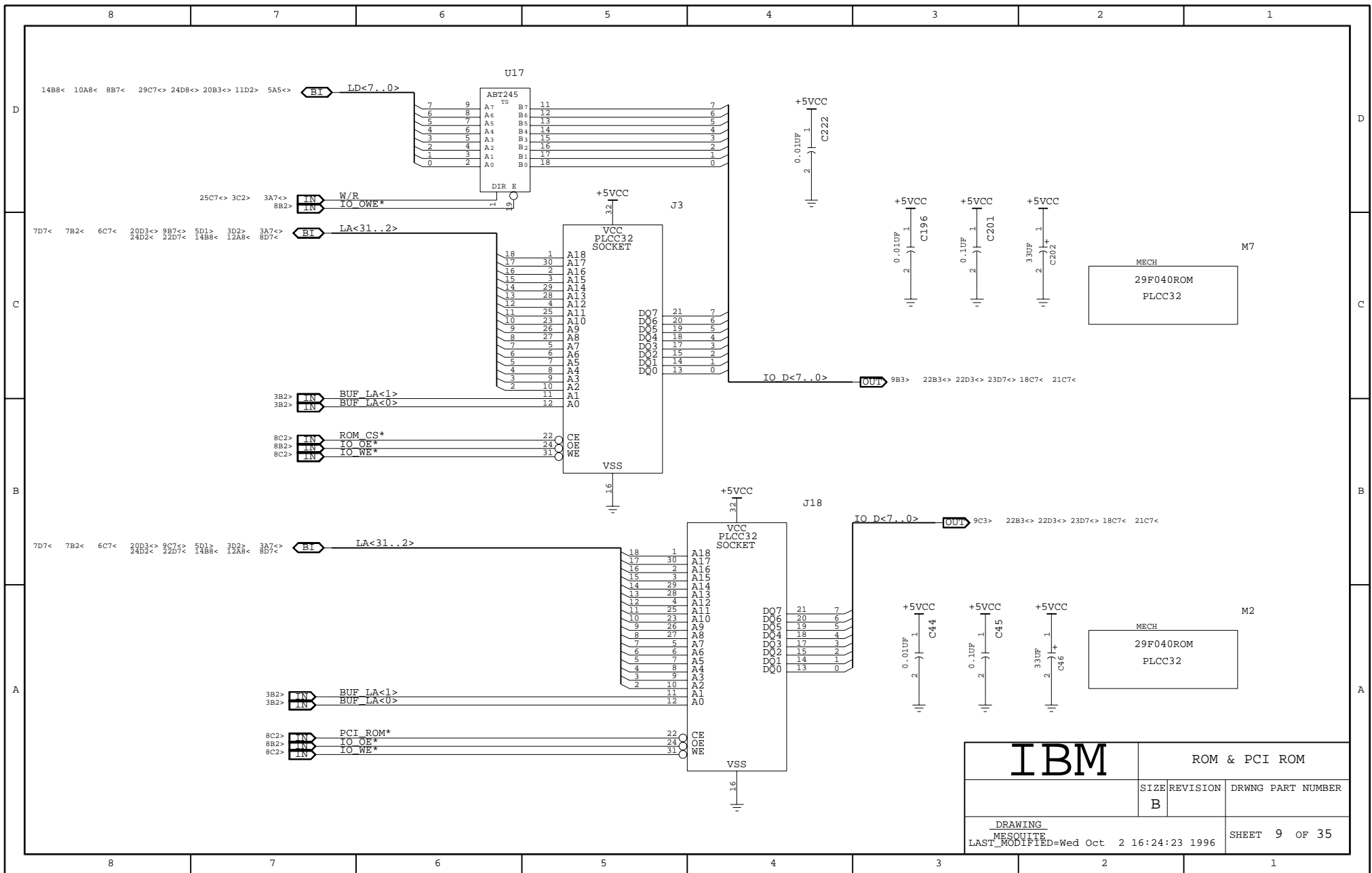
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			SHEET 4 OF 35



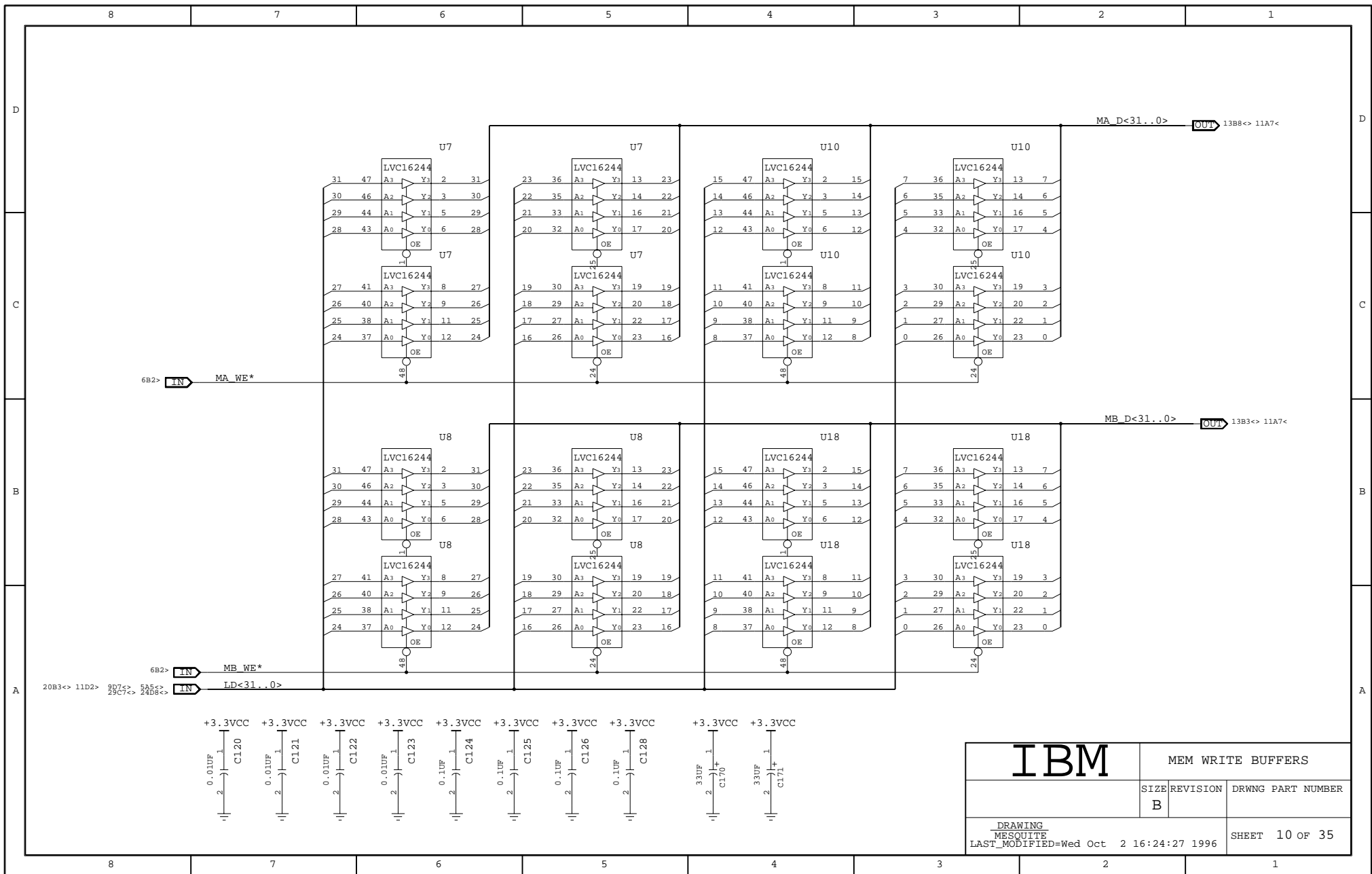


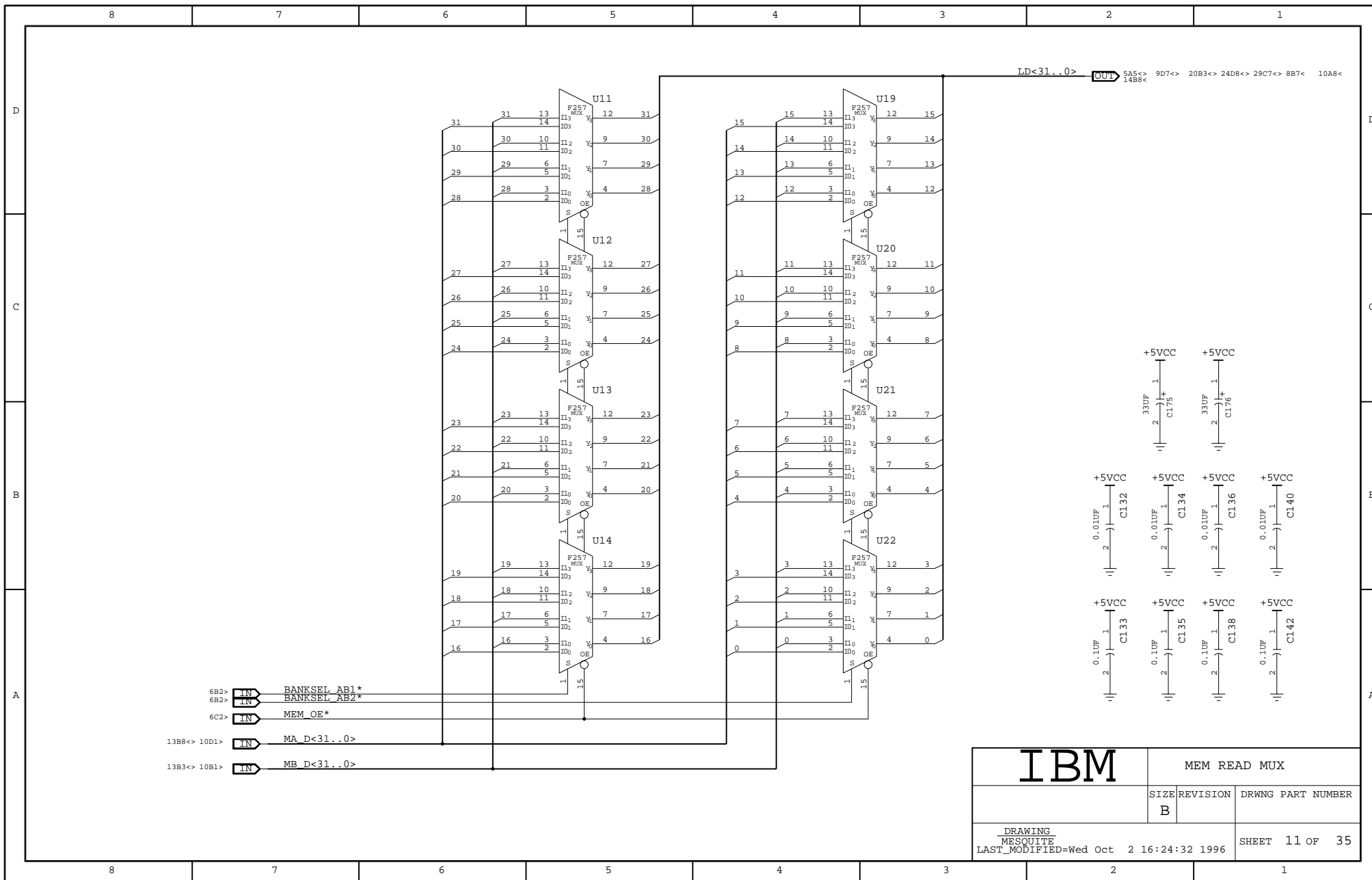




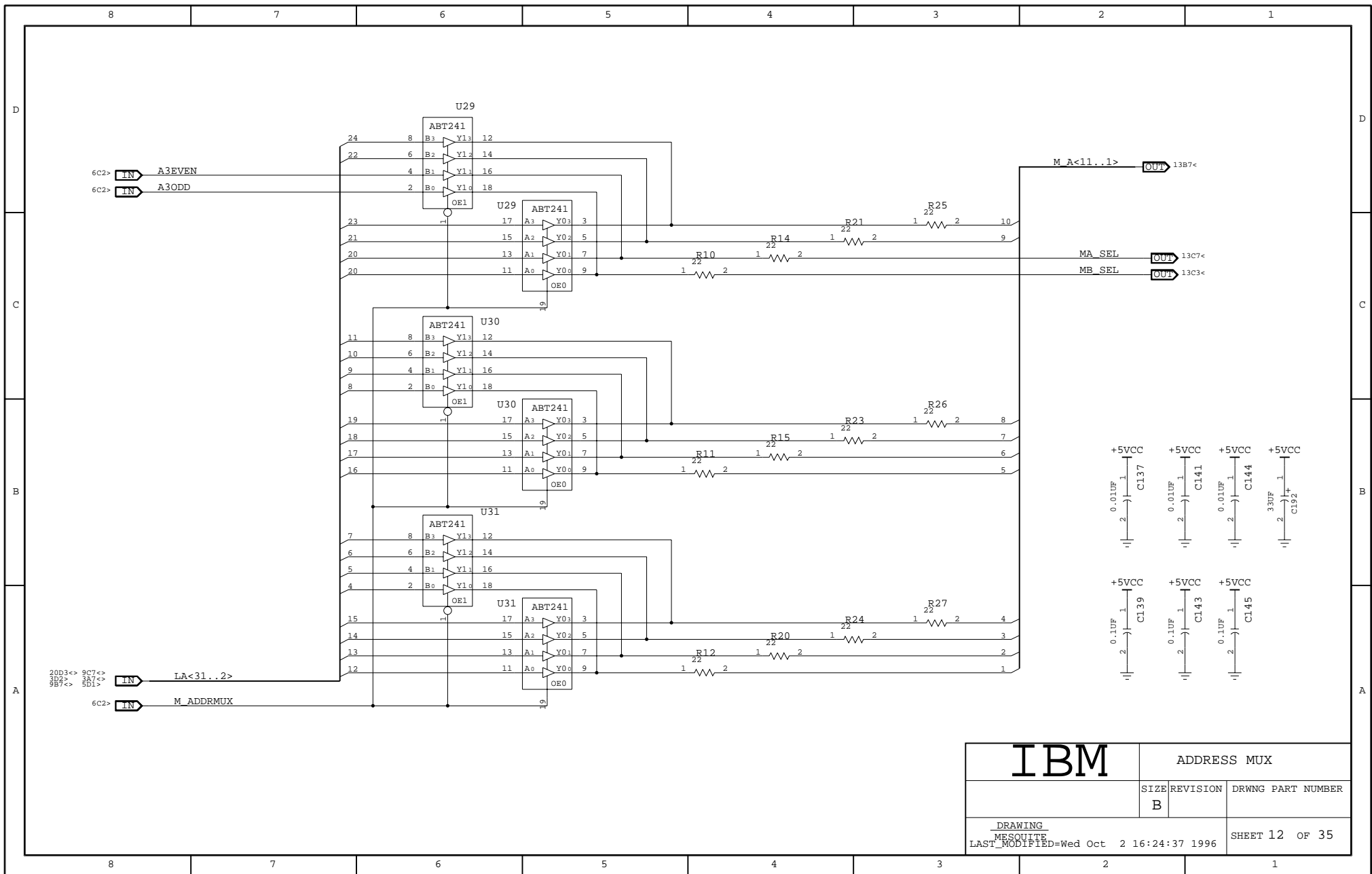


IBM	ROM & PCI ROM		
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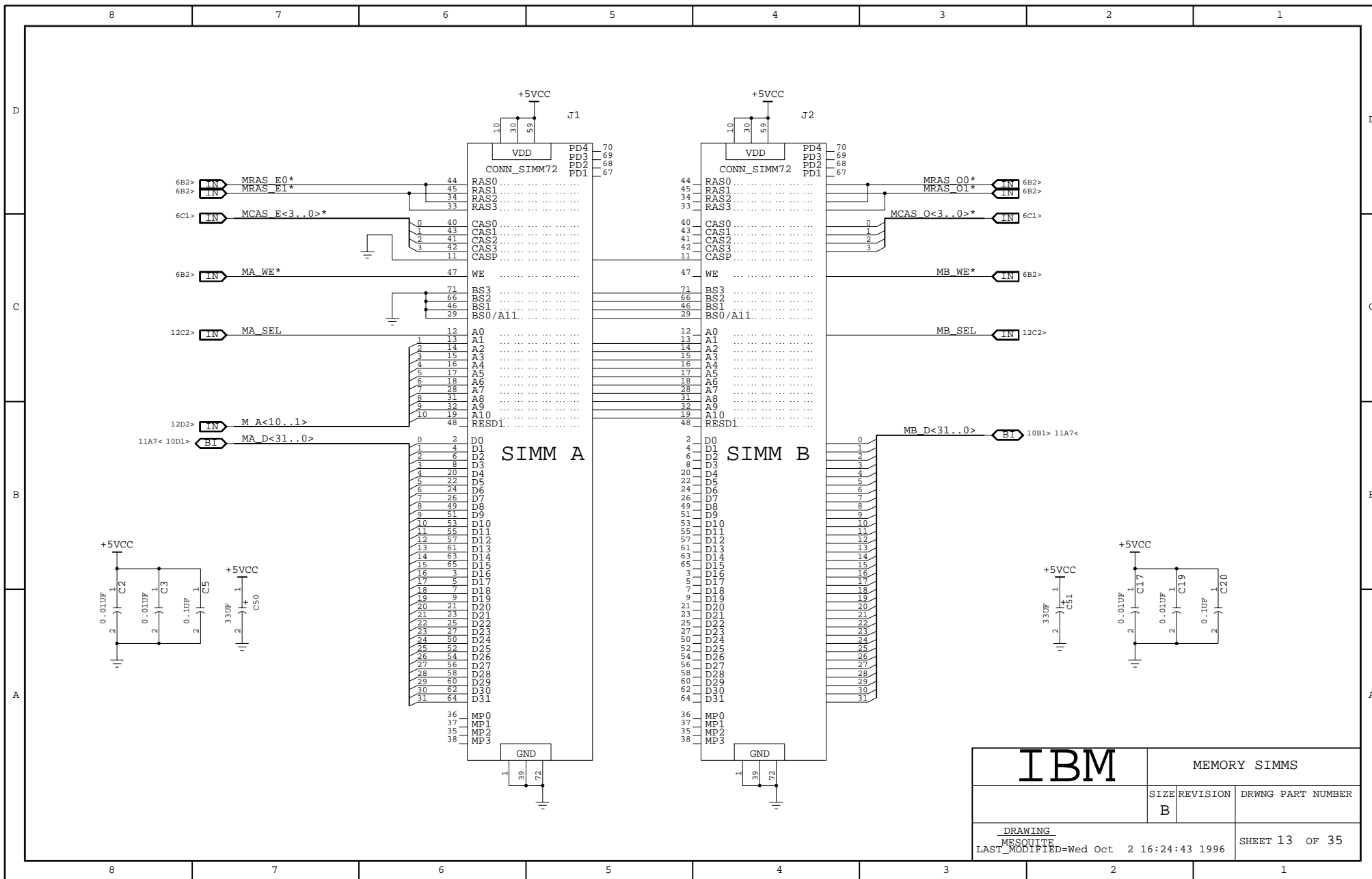




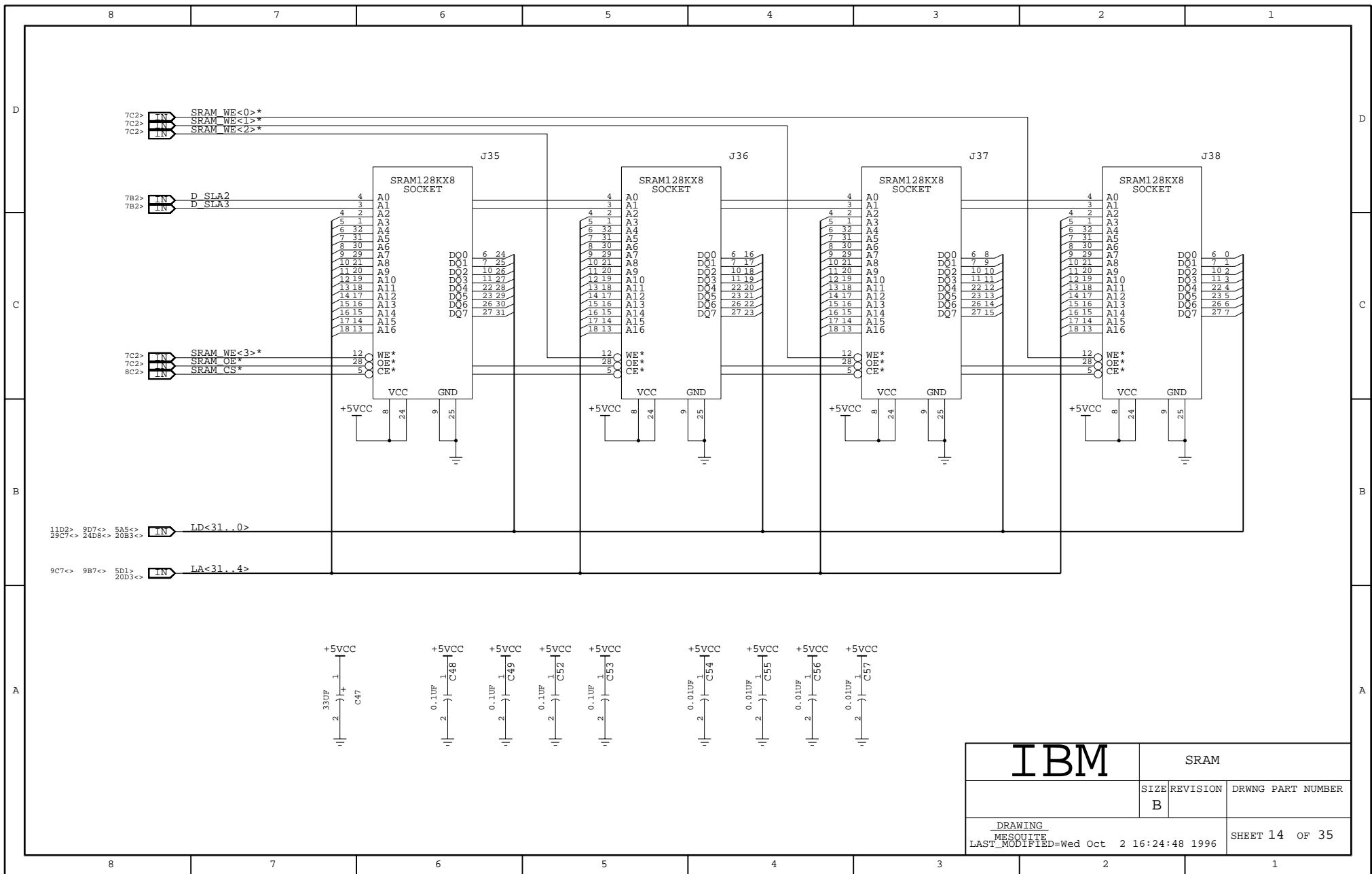
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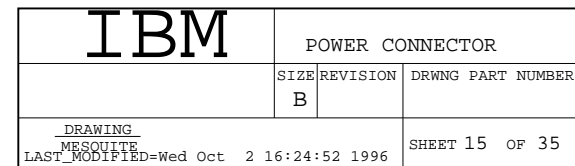
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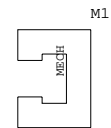


IBM		MEMORY SIMMS	
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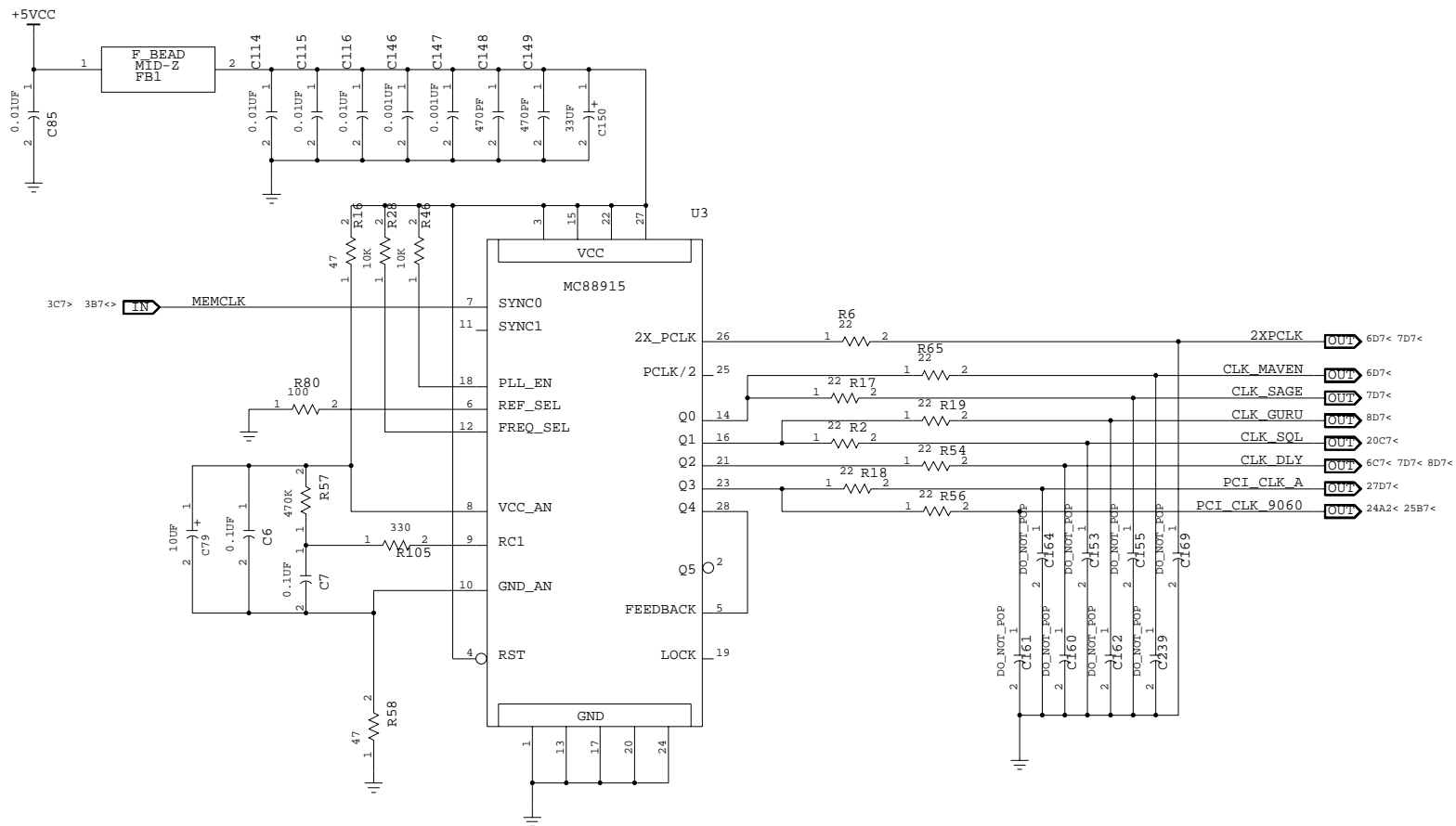


IBM		SRAM	
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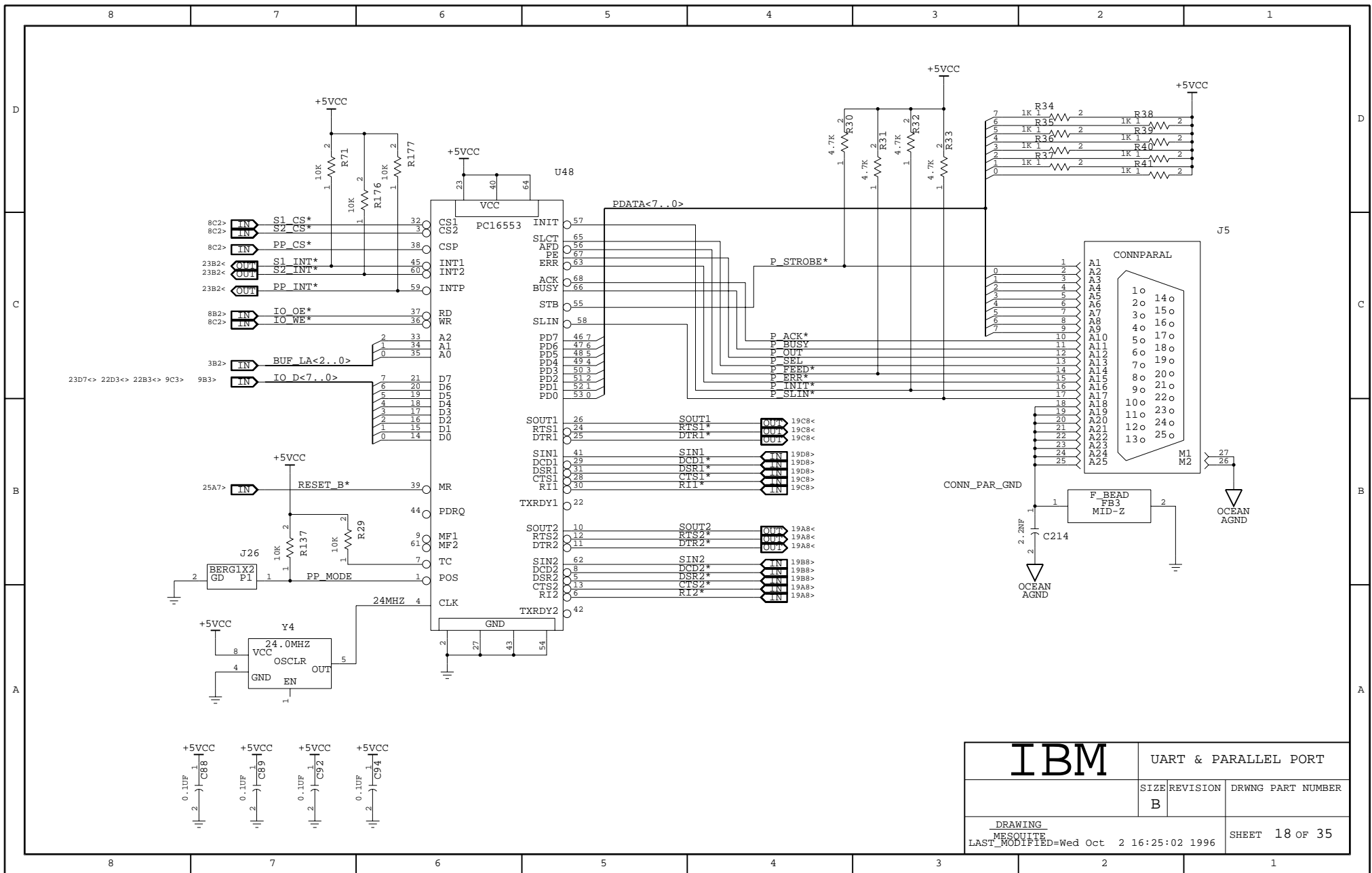


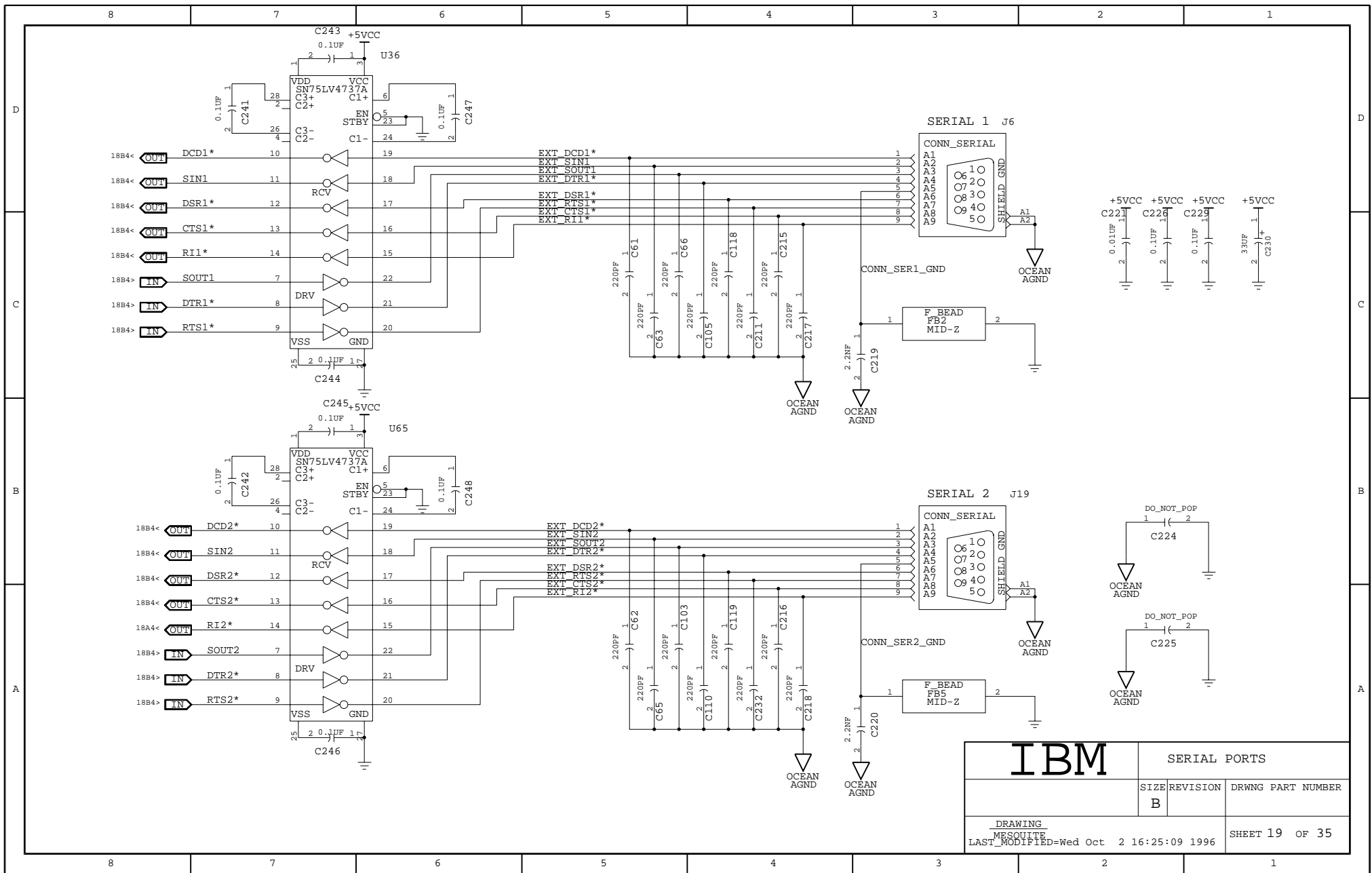


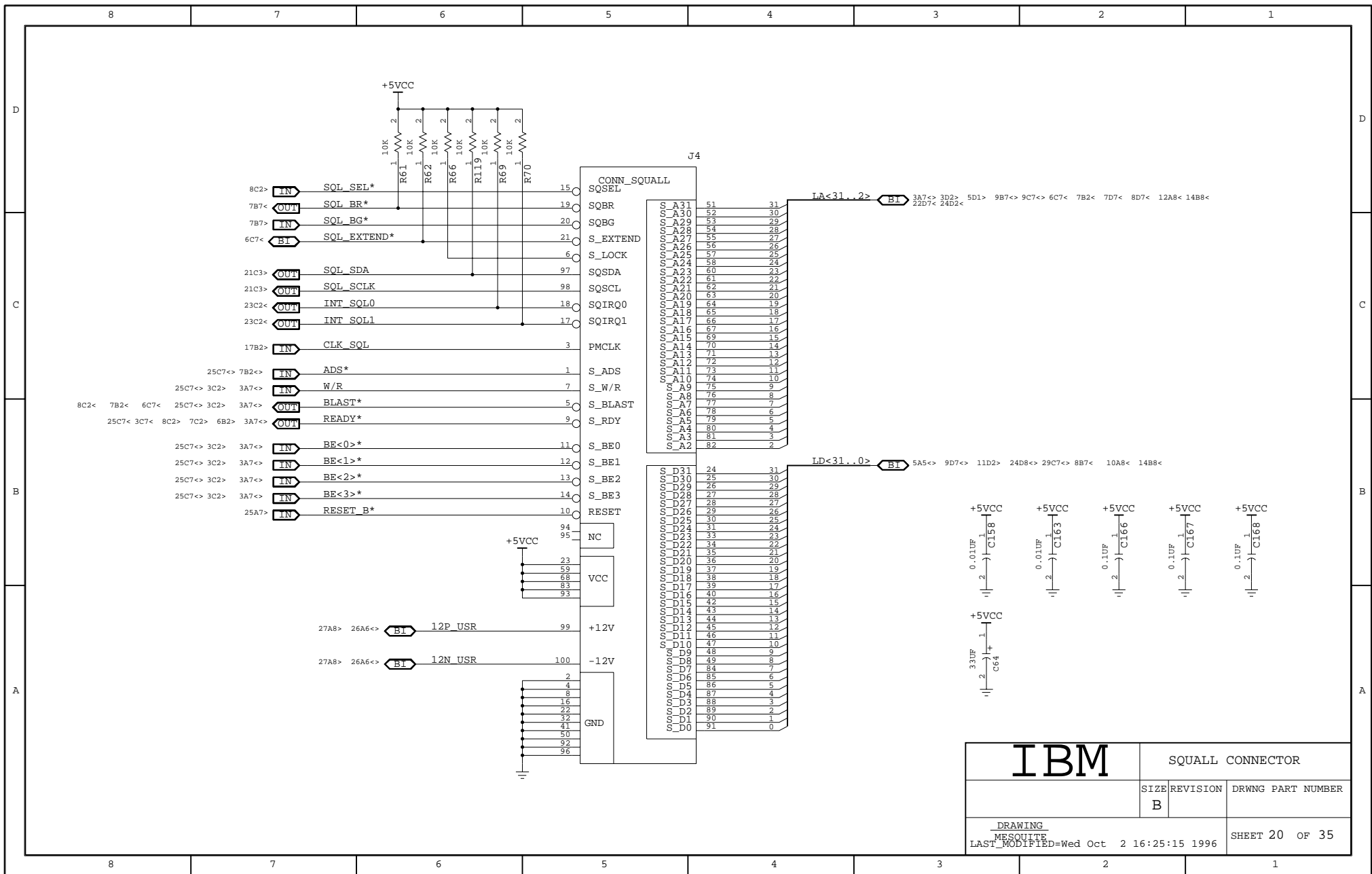
IBM		VOLTAGE REGULATOR	
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DRAWING MESQUITE LAST_MODIFIED=Wed Oct 2 16:24:55 1996		SHEET 16 OF 35	



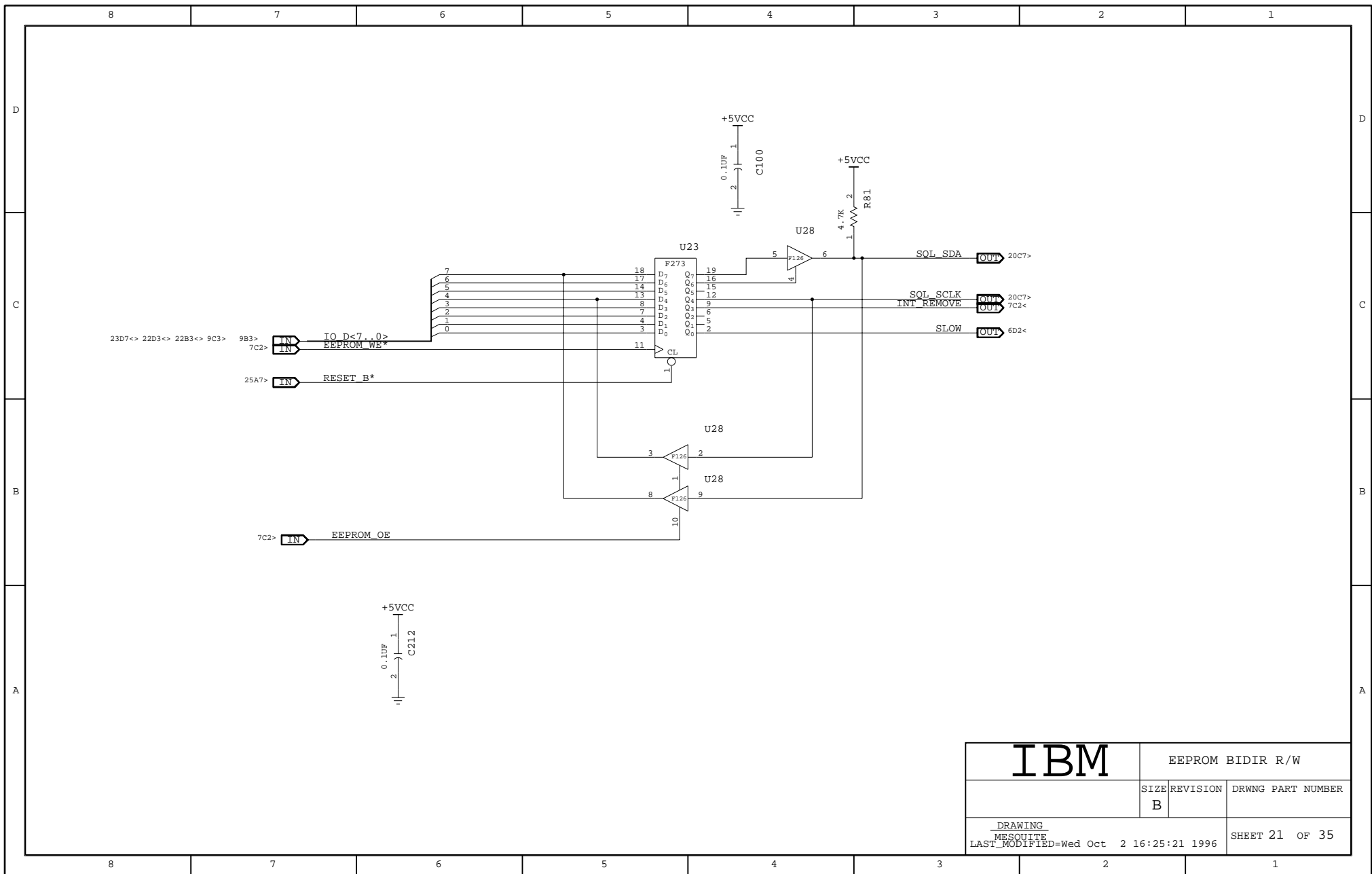
IBM		CLOCKS	
SIZE	REVISION	DRWNG PART NUMBER	
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DRAWING		SHEET 17 of 35	
MESQUITE			
LAST_MODIFIED=Wed Oct 2 16:24:57 1996			



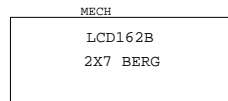
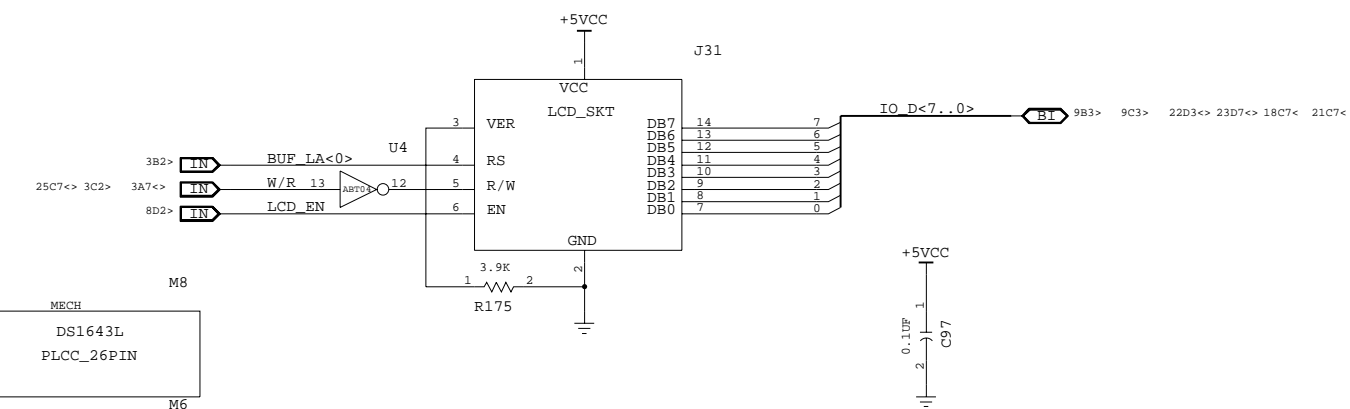




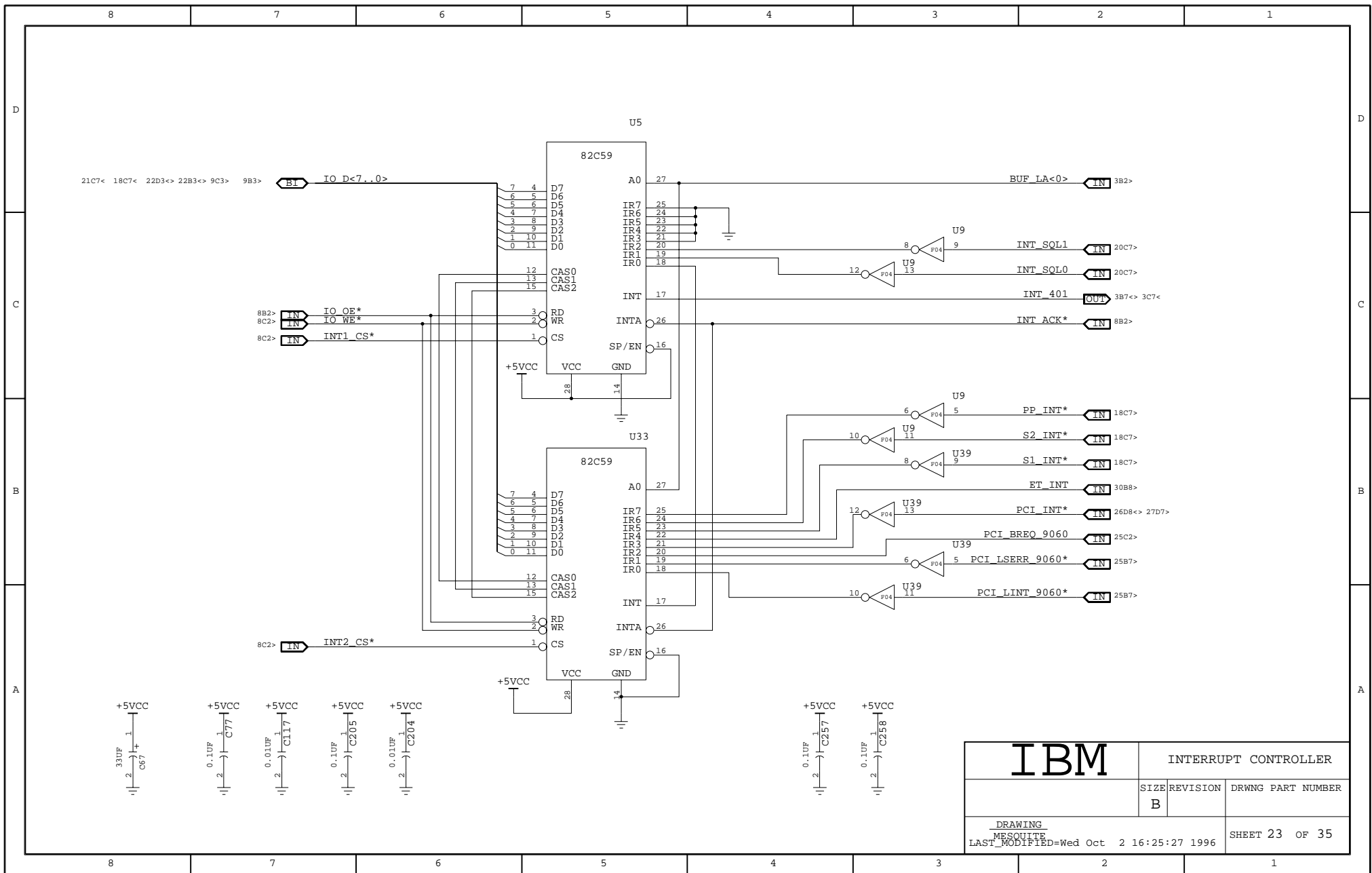
IBM		SQUALL CONNECTOR	
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			SHEET 20 OF 35



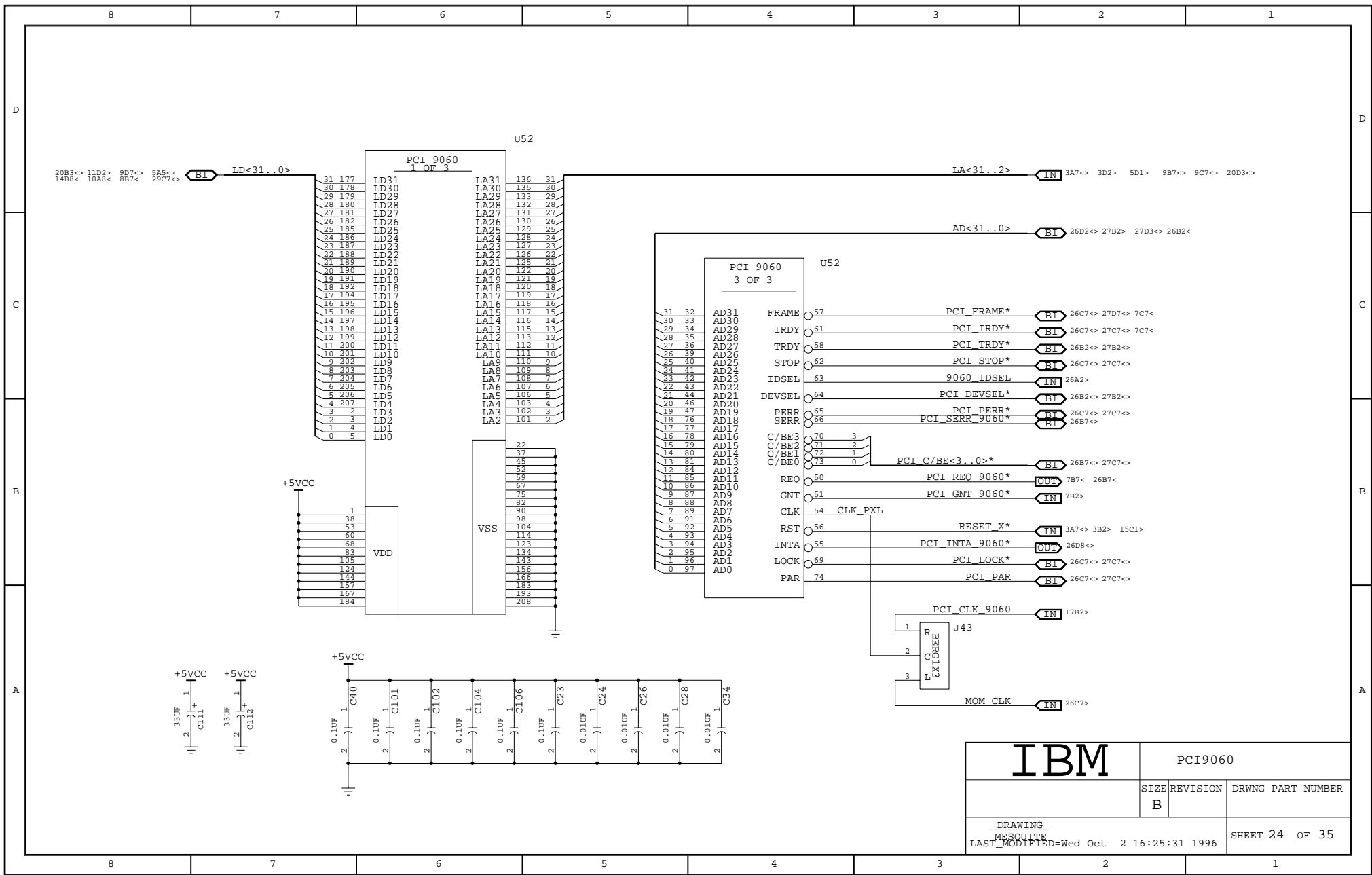
IBM		EEPROM BIDIR R/W	
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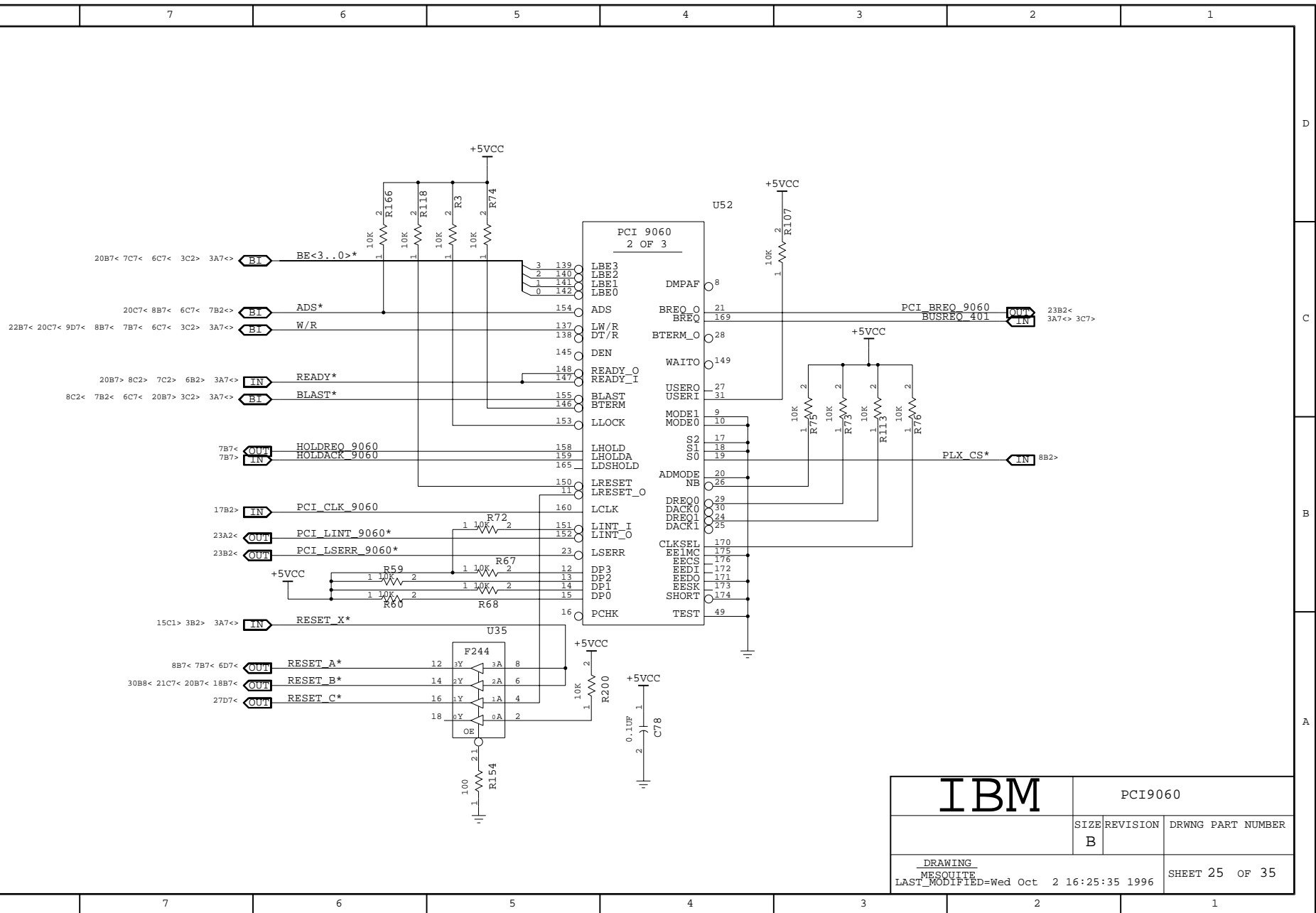
IBM		RTC & LCD	
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<u>DRAWING</u> MESQUITE LAST MODIFIED=Wed Oct 2 16:25:23 1996			SHEET 22 OF 35

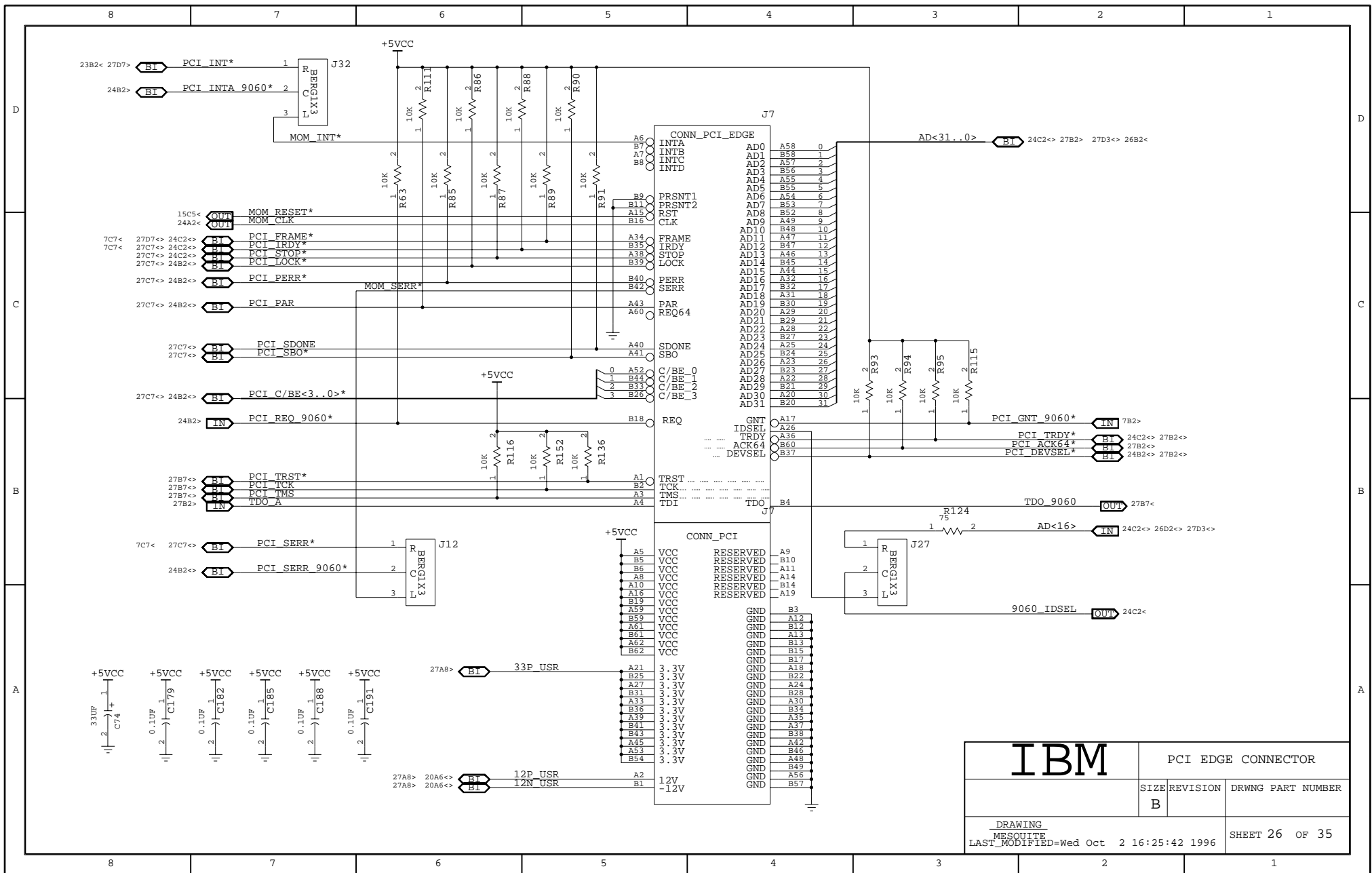


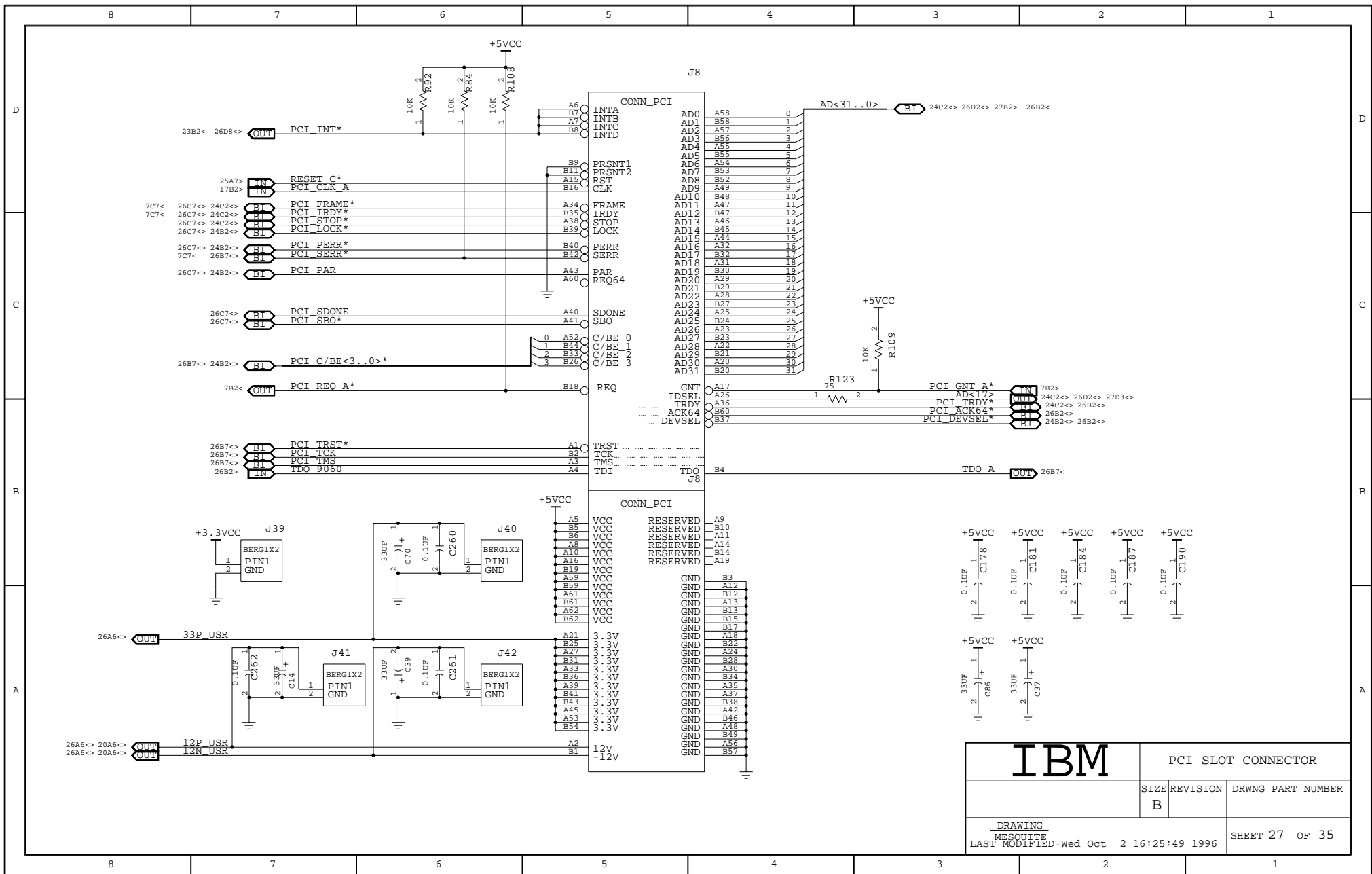
IBM		INTERRUPT CONTROLLER	
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	B		
DRAWING MESQUITE LAST MODIFIED=Wed Oct 2 16:25:27 1996			SHEET 23 OF 35

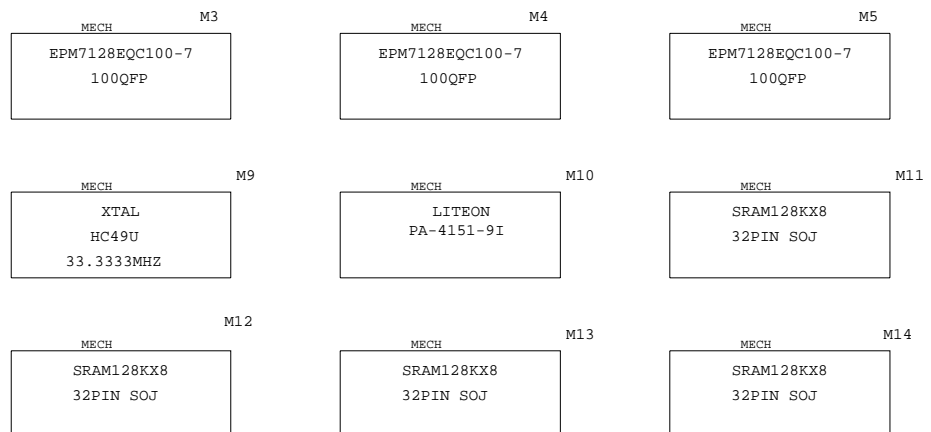
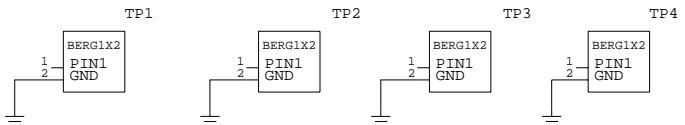
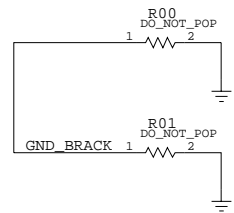
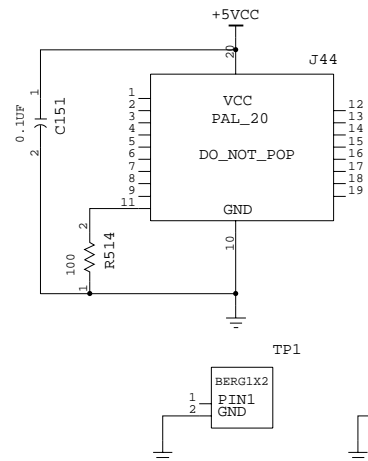
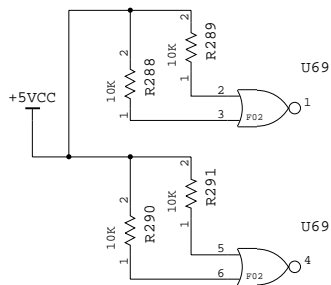
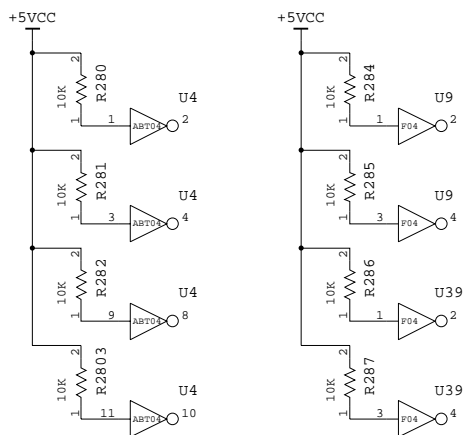


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DRAWING			SHEET 24 OF 35
MESQUITE			
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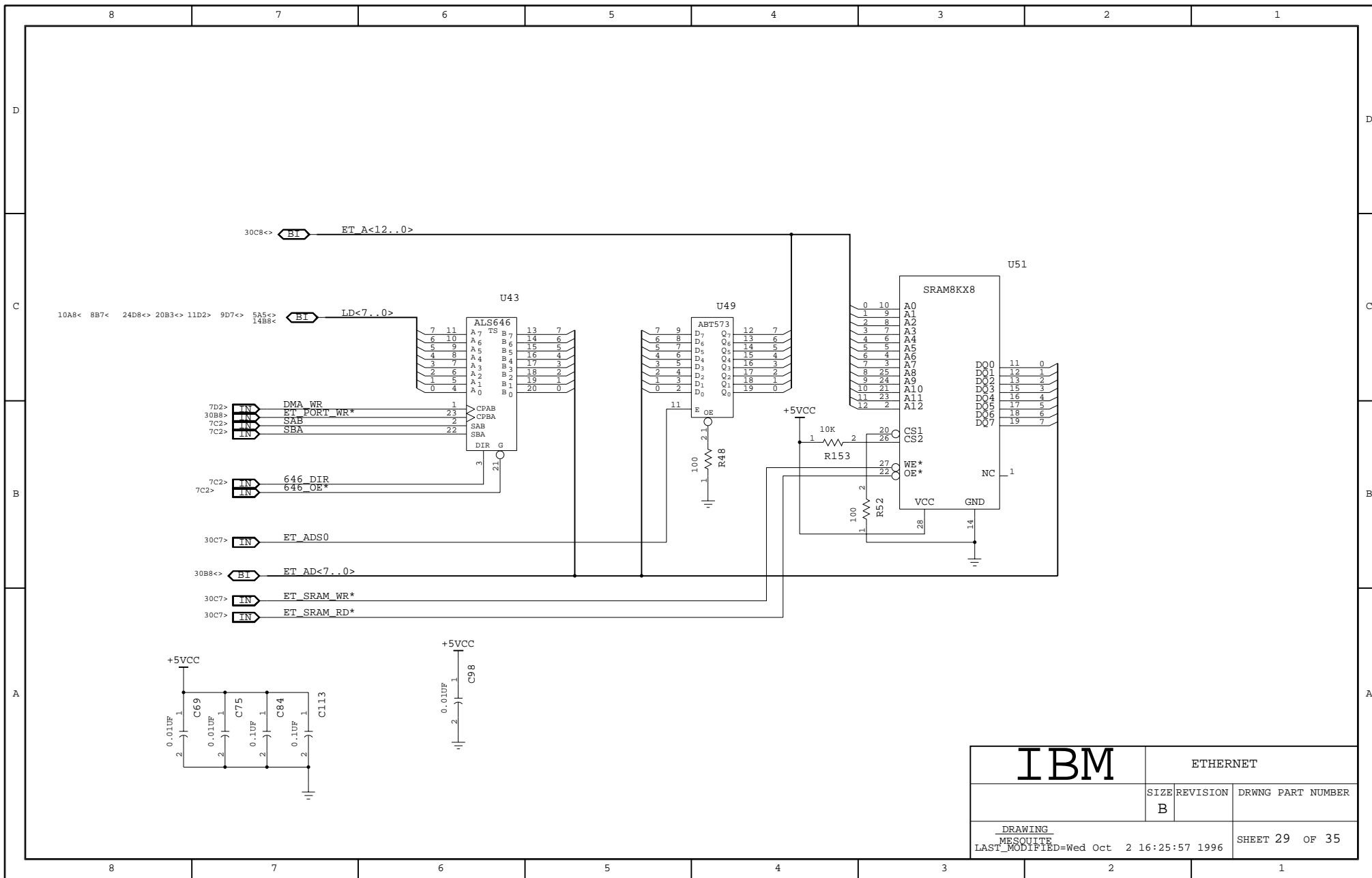


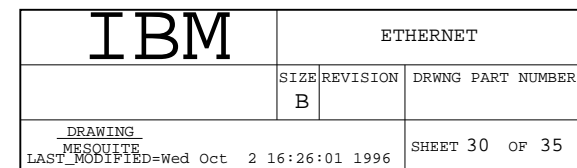




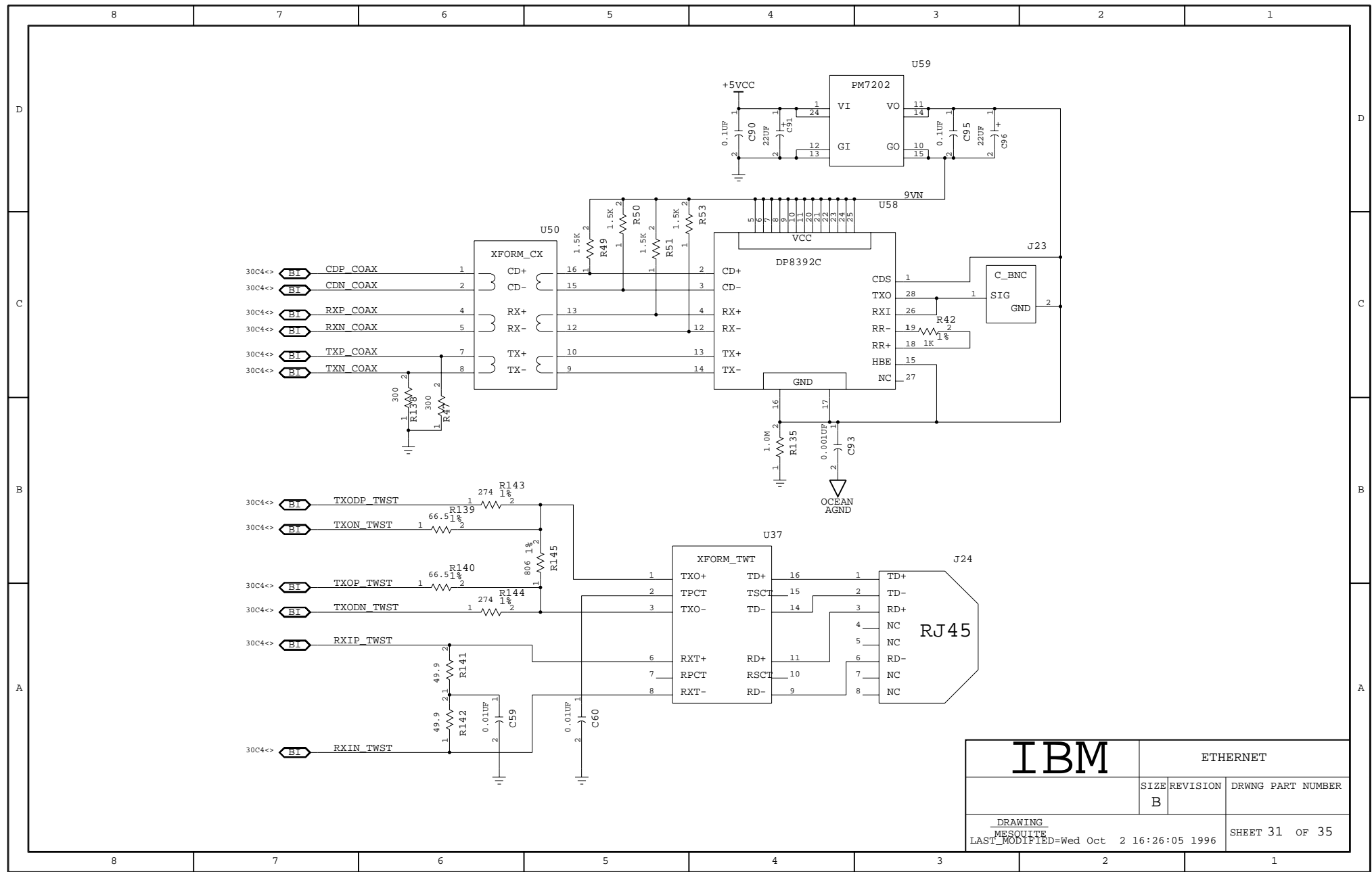


IBM		MISC.	
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DRAWING MESQUITE LAST_MODIFIED=Wed Oct 2 16:25:53 1996			SHEET 28 OF 35





DRAWING
MESQUITE
LAST MODIFIED=Wed Oct 2 16:26:01 1996



IBM		ETHERNET	
SIZE	REVISION	DRWNG PART NUMBER	
B			
DRAWING MESQUITE LAST_MODIFIED=Wed Oct 2 16:26:05 1996		SHEET 31 OF 35	

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D	J9	BERG1X3	6B7	R19	RESISTOR	17C3	R85	RESISTOR	26D6	R154	RESISTOR	25A5	D		
	J10	BERG1X2	7A3	R20	RESISTOR	12A4	R86	RESISTOR	26D6	R155	RESISTOR	30B4			
	J11	CONNPOWER	15C6	R21	RESISTOR	12C4	R87	RESISTOR	26D6	R156	RESISTOR	6B7			
	J12	BERG1X3	26B6	R22	RESISTOR	3B6	R88	RESISTOR	26D5	R157	RESISTOR	6B7			
	J13	BERG1X3	15A2	R23	RESISTOR	12B4	R89	RESISTOR	26D5	R158	RESISTOR	6A7			
	J14	DS1643L_SKT	22D5	R24	RESISTOR	12A4	R90	RESISTOR	26D5	R159	RESISTOR	6B6			
	J15	BUSHEADER	3B8	R25	RESISTOR	12D3	R91	RESISTOR	26D5	R160	RESISTOR	6A6			
	J16	BUSHEADER	5C7	R26	RESISTOR	12B3	R92	RESISTOR	27D6	R161	RESISTOR	6B6			
	J17	CONNRI5C	4C5	R27	RESISTOR	12A3	R93	RESISTOR	26C3	R162	RESISTOR	6B6			
	J18	PLCC32SKT	9B4	R28	RESISTOR	17C6	R94	RESISTOR	26C3	R163	RESISTOR	3C4			
C	J19	CONNSETAL	19B3	R29	RESISTOR	18B6	R95	RESISTOR	26C3	R164	RESISTOR	3C4	C		
	J20	BERG1X2	30B2	R30	RESISTOR	18D4	R96	RESISTOR	3D4	R165	RESISTOR	15C3			
	J21	BERG1X2	30B2	R31	RESISTOR	18D3	R97	RESISTOR	3D3	R166	RESISTOR	25D6			
	J22	BERG1X2	30B2	R32	RESISTOR	18D3	R98	RESISTOR	3D3	R168	RESISTOR	30A5			
	J23	CONN8NC	31C2	R33	RESISTOR	18D3	R99	RESISTOR	3D3	R169	RESISTOR	7C4			
	J24	RJ45S	31B3	R34	RESISTOR	18D2	R100	RESISTOR	3D3	R170	RESISTOR	30A4			
	J26	BERG1X2	18B7	R35	RESISTOR	18D2	R101	RESISTOR	3D3	R175	RESISTOR	22A5			
	J27	BERG1X3	26B3	R36	RESISTOR	18D2	R102	RESISTOR	3D3	R176	RESISTOR	18D6			
	J28	BERG1X3	6B7	R37	RESISTOR	18D2	R103	RESISTOR	3B6	R177	RESISTOR	18D6			
	J29	BERG1X3	6B6	R38	RESISTOR	18D2	R104	RESISTOR	3B6	R200	RESISTOR	25A4			
B	J30	BERG1X3	6B6	R39	RESISTOR	18D2	R105	RESISTOR	17B6	R214	RESISTOR	15D3	B		
	J31	LCD5KT	22B5	R40	RESISTOR	18D2	R106	RESISTOR	3D6	R223	RESISTOR	15B5			
	J32	BERG1X3	26D7	R41	RESISTOR	18D2	R107	RESISTOR	25C3	R224	RESISTOR	6C3			
	J35	SRAM128KX8_SKT	14D6	R42	RESISTOR	31C3	R108	RESISTOR	27D6	R225	RESISTOR	6C3			
	J36	SRAM128KX8_SKT	14D4	R43	RESISTOR	30D7	R109	RESISTOR	27C3	R226	RESISTOR	15B5			
	J37	SRAM128KX8_SKT	14D3	R44	RESISTOR	30D7	R110	RESISTOR	15D2	R229	RESISTOR	6B4			
	J38	SRAM128KX8_SKT	14D1	R45	RESISTOR	30D6	R111	RESISTOR	26D6	R231	RESISTOR	6C4			
	J39	BERG1X2	27B7	R46	RESISTOR	17C6	R113	RESISTOR	25B3	R232	RESISTOR	6C4			
	J40	BERG1X2	27B6	R47	RESISTOR	31B6	R115	RESISTOR	26C3	R233	RESISTOR	6C3			
	J41	BERG1X2	27A7	R48	RESISTOR	29B4	R116	RESISTOR	26B6	R237	RESISTOR	6B3			
A	J42	BERG1X2	27A6	R49	RESISTOR	31C5	R117	RESISTOR	30A7	R242	RESISTOR	3C4	A		
	J43	BERG1X3	24A3	R50	RESISTOR	31C5	R118	RESISTOR	25D5	R243	RESISTOR	3D4			
	J44	PAL_20	28D4	R51	RESISTOR	31C5	R119	RESISTOR	20D6	R245	RESISTOR	6C3			
	M1	SLIP6INK	16B3	R52	RESISTOR	29B3	R120	RESISTOR	3D6	R246	RESISTOR	6C4			
	M2	29F040ROM_MECH	9A1	R53	RESISTOR	31C4	R121	RESISTOR	30A4	R249	RESISTOR	6C4			
	M3	EPM7128	28B5	R54	RESISTOR	17B3	R122	RESISTOR	30D5	R250	RESISTOR	6B3			
	M4	EPM7128	28B3	R55	RESISTOR	15B3	R123	RESISTOR	27C4	R251	RESISTOR	6B4			
	M5	EPM7128	28B2	R56	RESISTOR	17B3	R124	RESISTOR	26B3	R266	RESISTOR	3D7			
	M6	LCD162B	22A7	R57	RESISTOR	17B6	R126	RESISTOR	7B4	R269	RESISTOR	3D7			
	M7	29F040ROM_MECH	9C1	R58	RESISTOR	17A6	R127	RESISTOR	6B7	R275	RESISTOR	30A5			
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