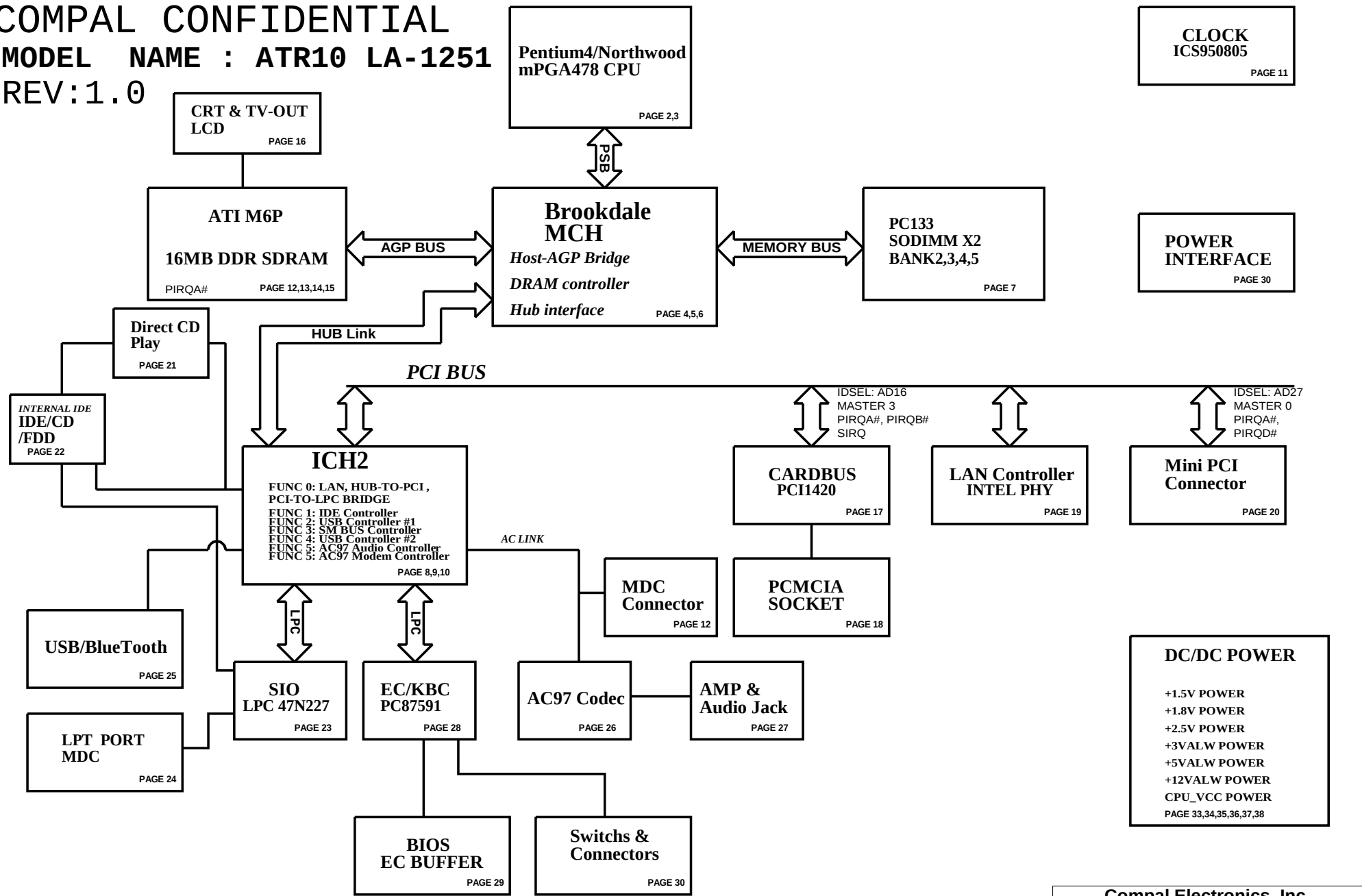
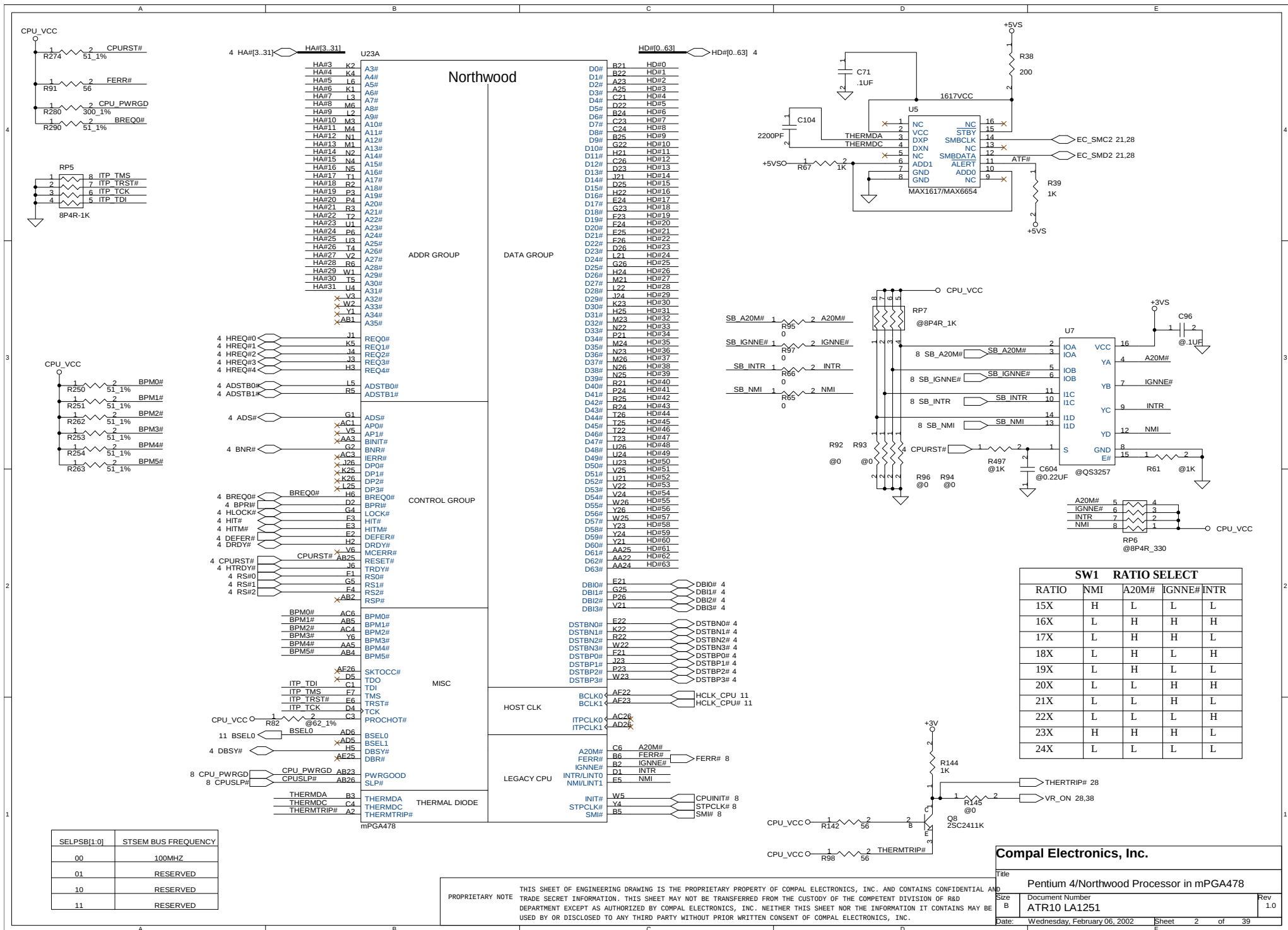


COMPAL CONFIDENTIAL
MODEL NAME : ATR10 LA-1251
REV:1.0

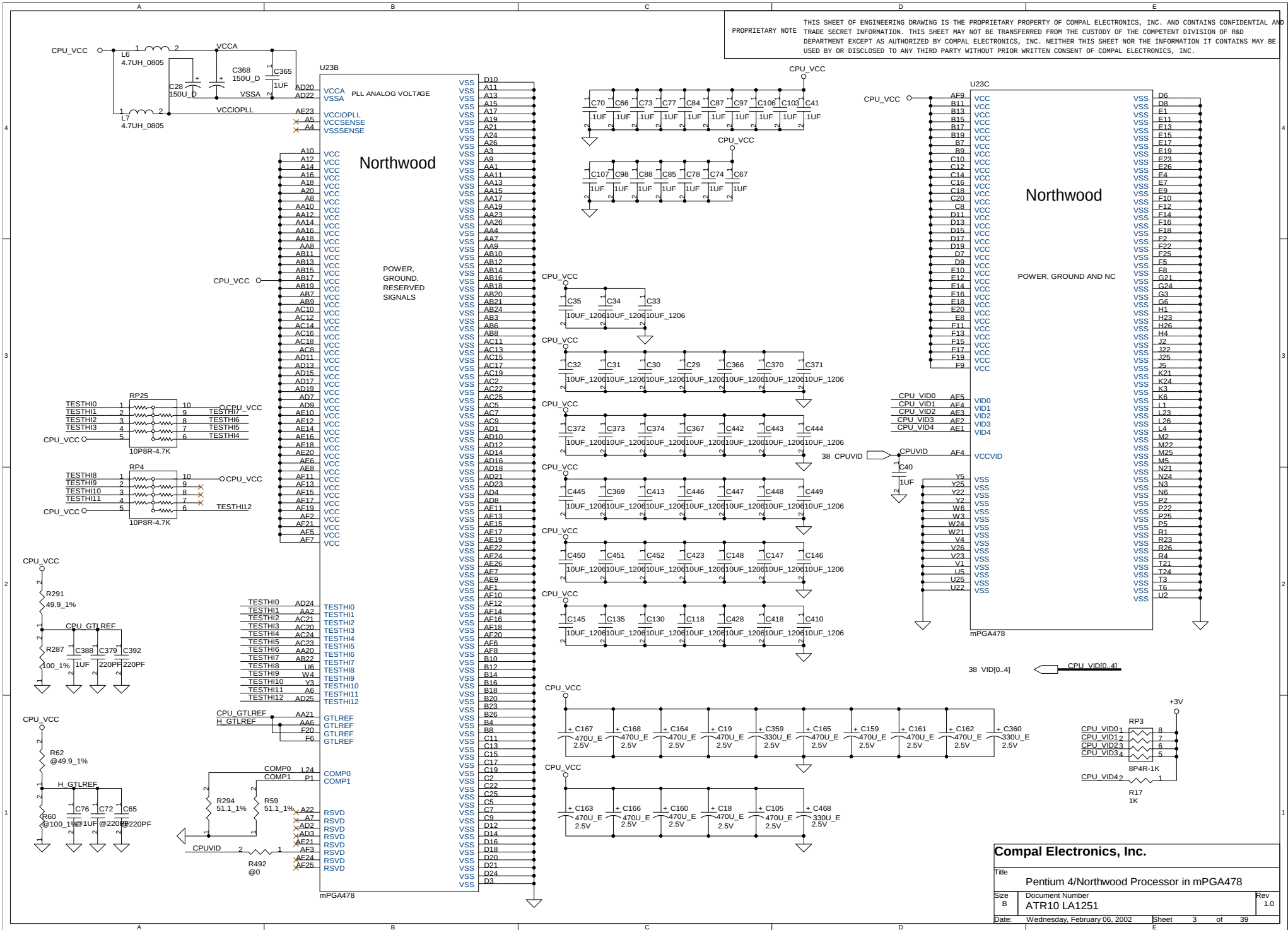


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Size	Document Number	Rev	
B	ATR10 LA1251	1.0	
Date:	Wednesday, February 06, 2002	Sheet	1 of 39

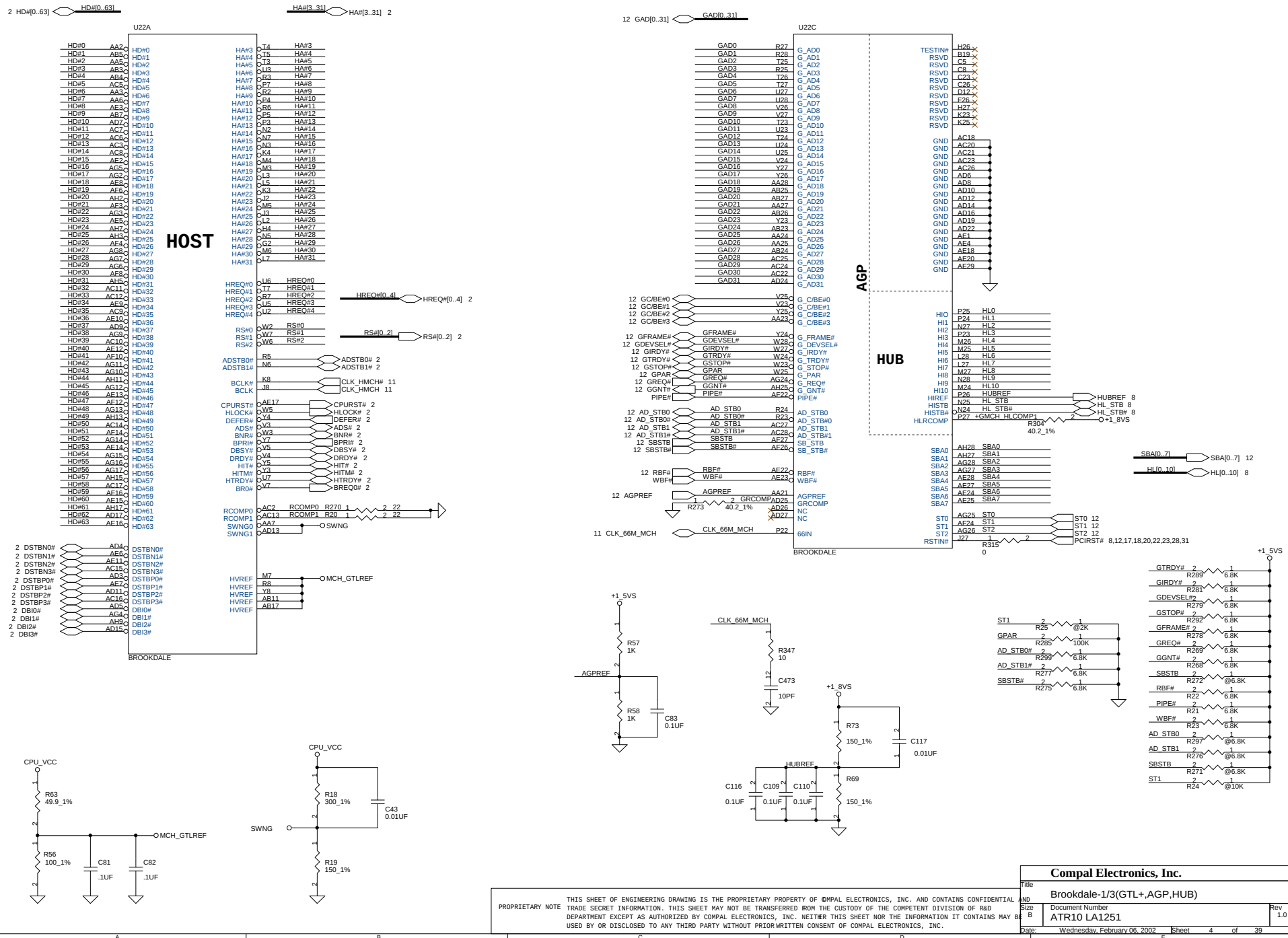
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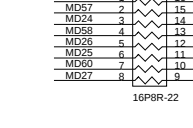
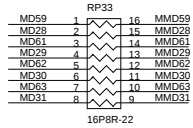
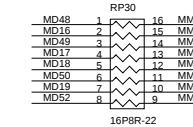
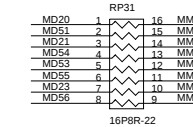
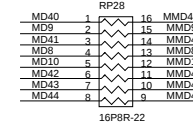
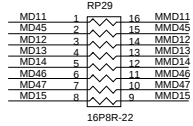
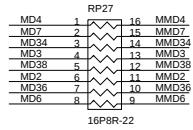
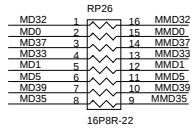


MC-1/3(GTL+,AGP,HUB)

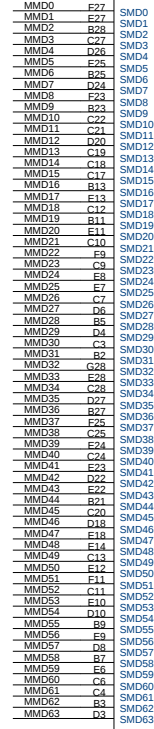


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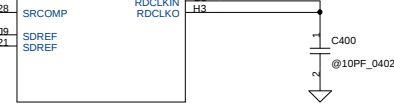
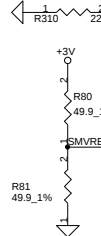
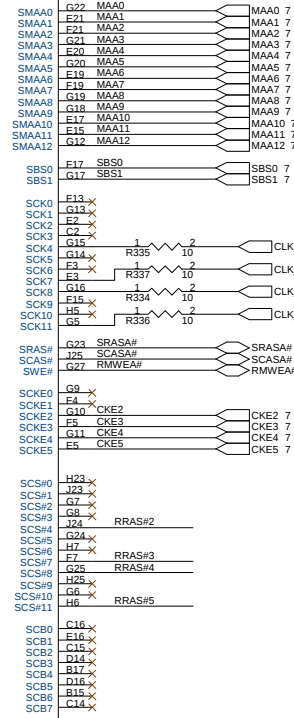
7 MD[0..63]



U22B



MEMORY



7 RRAS#[2..5]

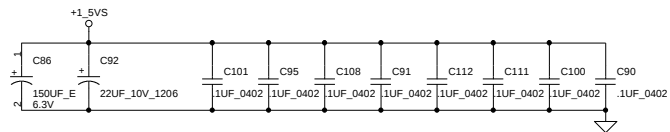
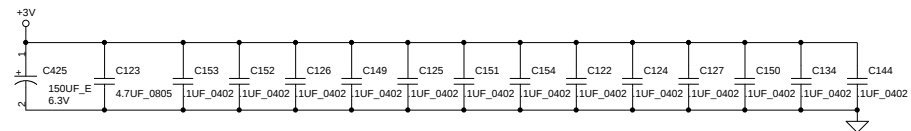
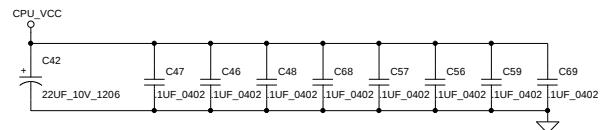
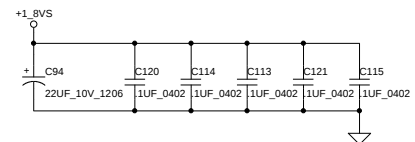
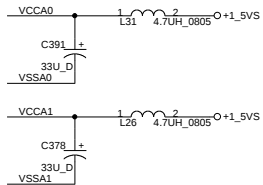
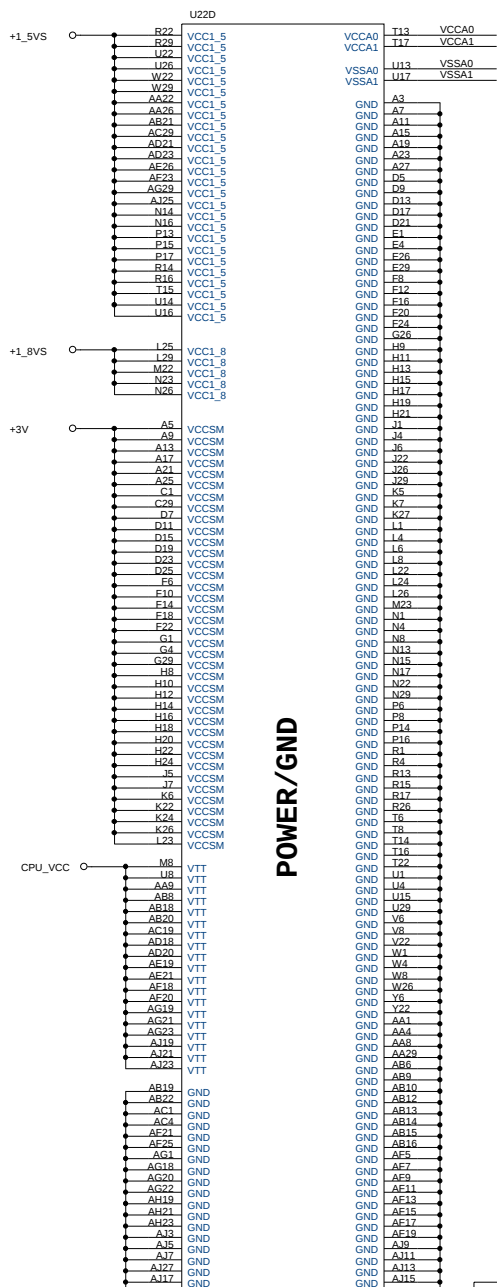
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Brookdale-2/3(SDRAM)

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Rev 1.0
Date: Wednesday, February 06, 2002 Sheet 5 of 39

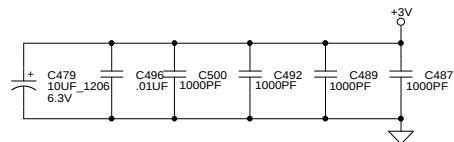
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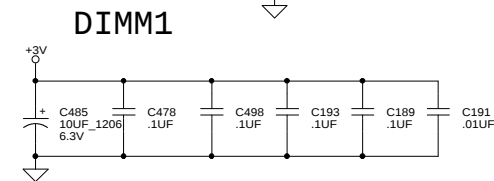
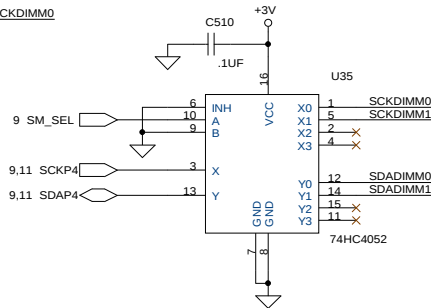
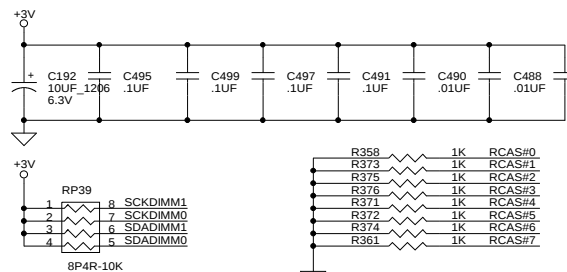
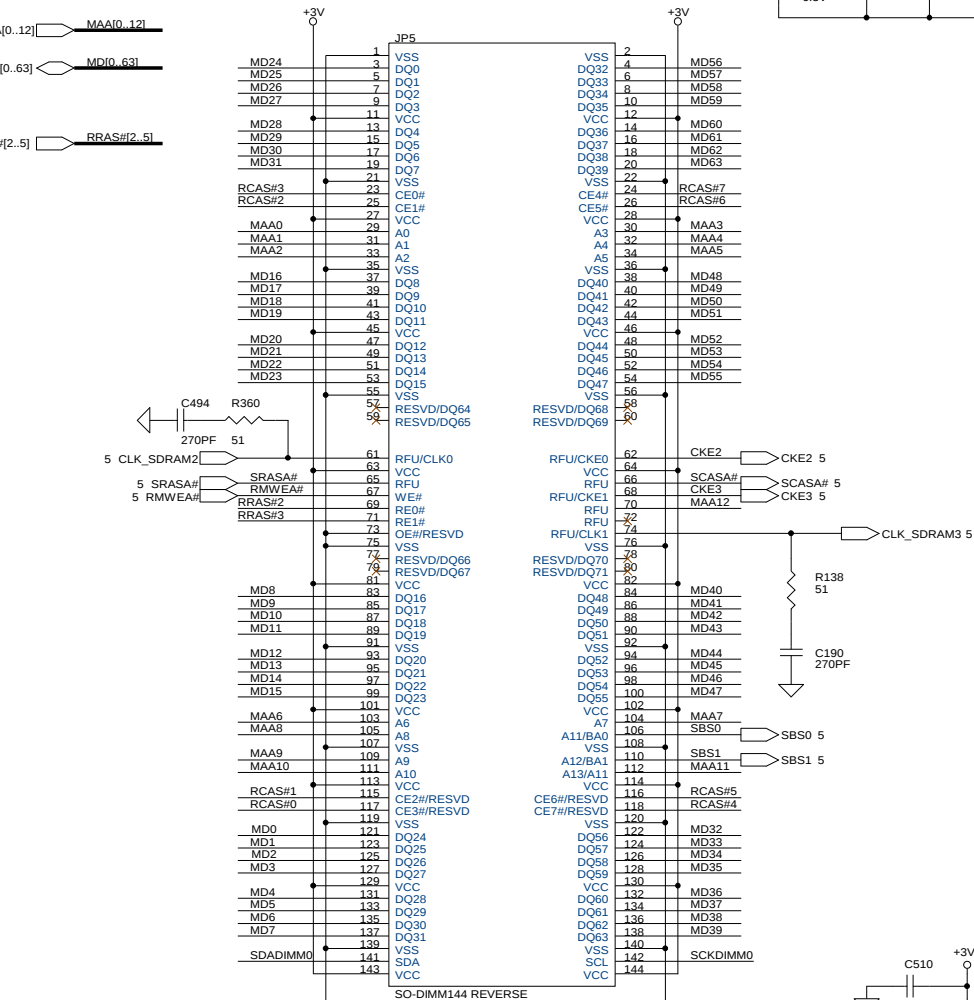
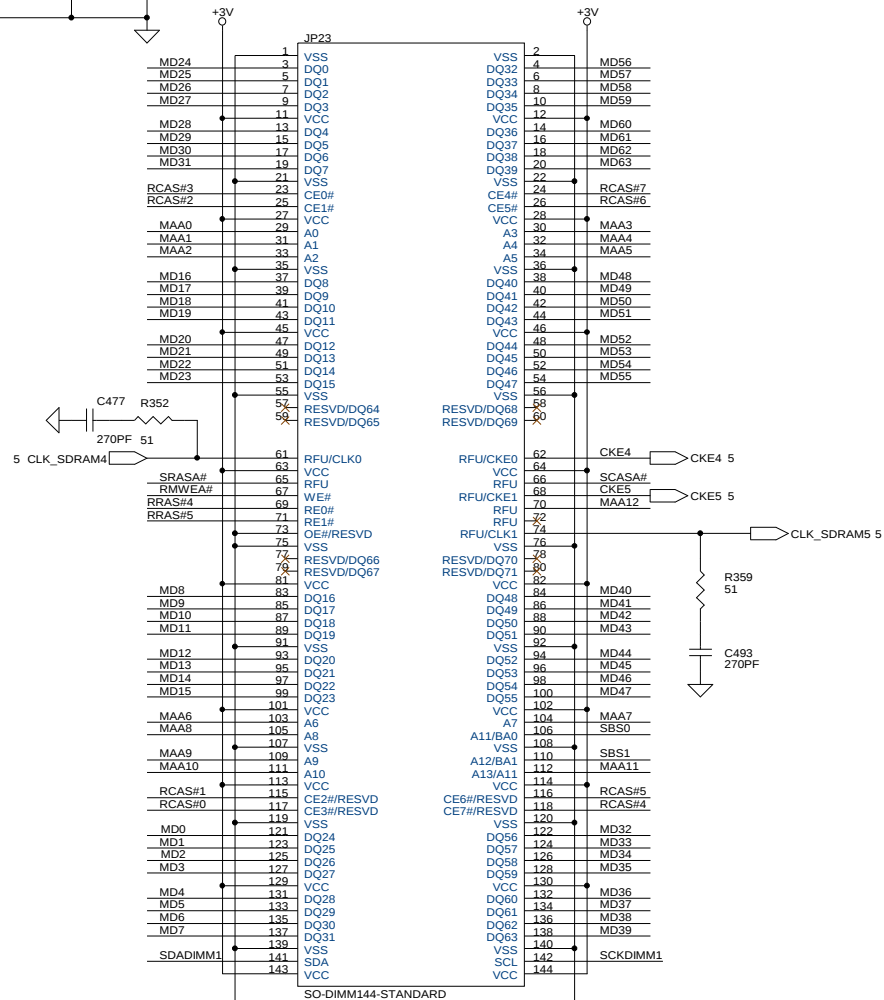
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Compal Electronics, Inc.			
Title	Brookdale-3/3(Power)		
AND	Document Number		
Size	ATR10 LA1251		
Rev	1.0		
Date:	Wednesday, February 06, 2002	Sheet	6 of 39

S0-DIM 144 PINS
RAM MODULE CONN. ***BANK2/3***



BANK4/5



Compal Electronics, Inc.

S.O. DIMM CONNECTOR

Document Number
ATR10 LA1251

Rev	1.0
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Title		S.O. DIMM CONNECTOR	
Size	Document Number	Rev	
B	ATR10 LA1251	1.0	
Date:	Wednesday, February 06, 2002	Sheet	7 of 39

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ICH-2

(FW82801BA)

17.20 AD[0..31]

U33A

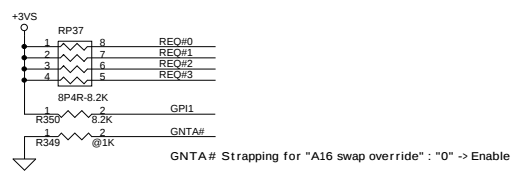
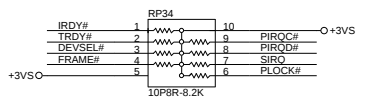
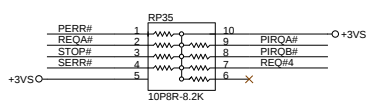
CPU

HUB

PCI

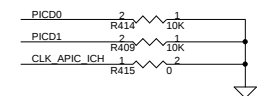
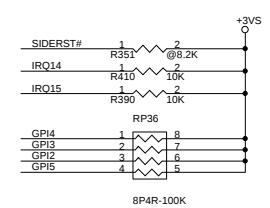
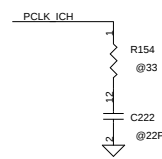
IRQ

PCI Pullups



GNTA# Strapping for "A16 swap override" : "0" -> Enable

PCI REQ ASSIGNMENT	
REQ#0	WLAN
REQ#1	NC
REQ#2	NC
REQ#3	PCMCIA CONTROLLER
REQ#4	NC



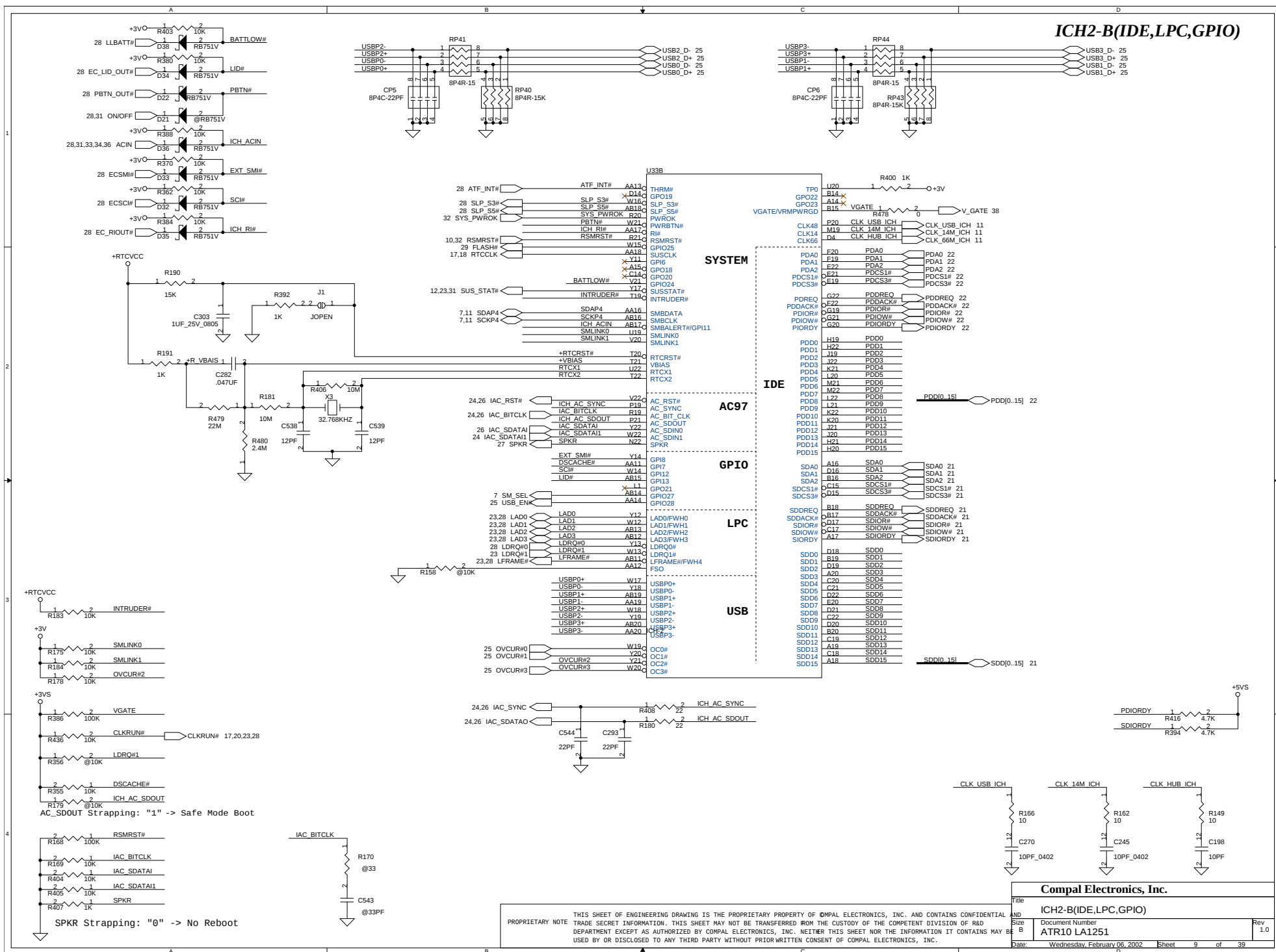
Compal Electronics, Inc.

ICH2-A(PCI,HUB,CPU) & FWH

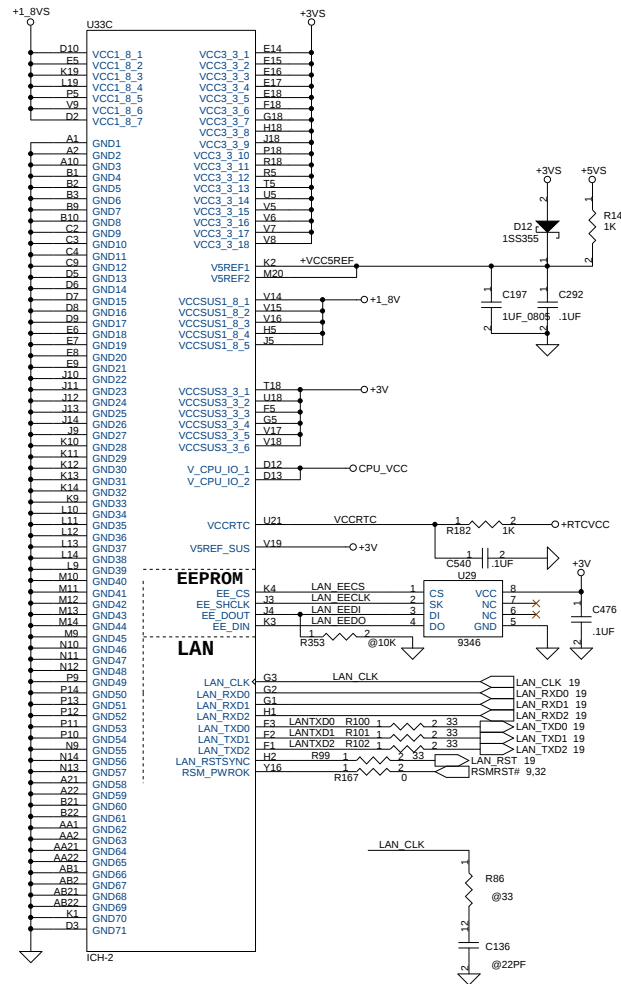
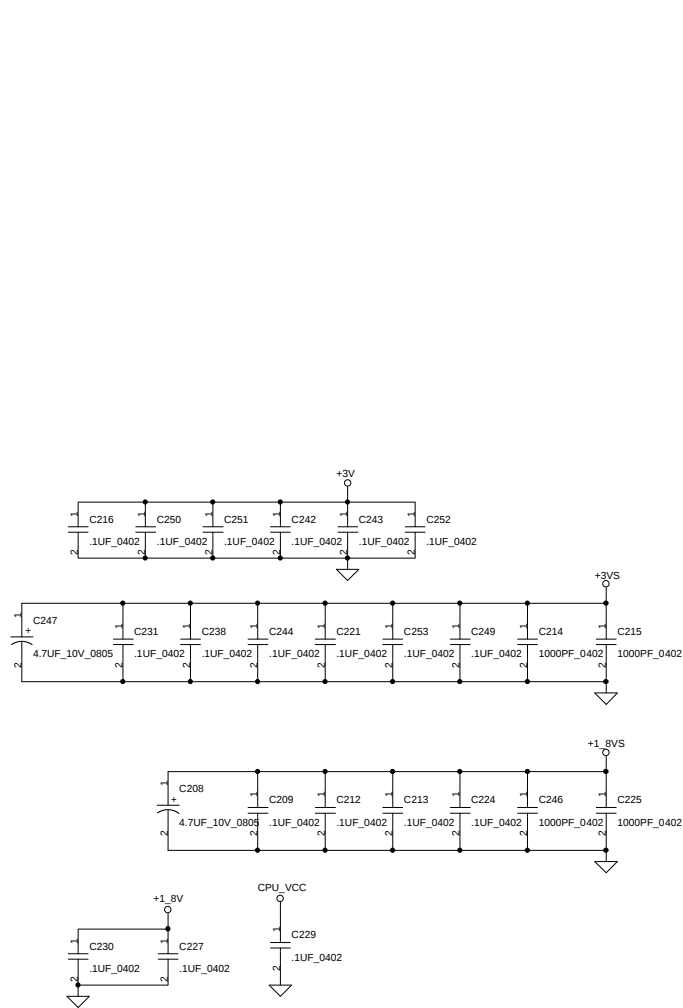
Document Number
ATR10 LA1251
Rev 1.0

Date: Wednesday, February 06, 2002 Sheet 8 of 39

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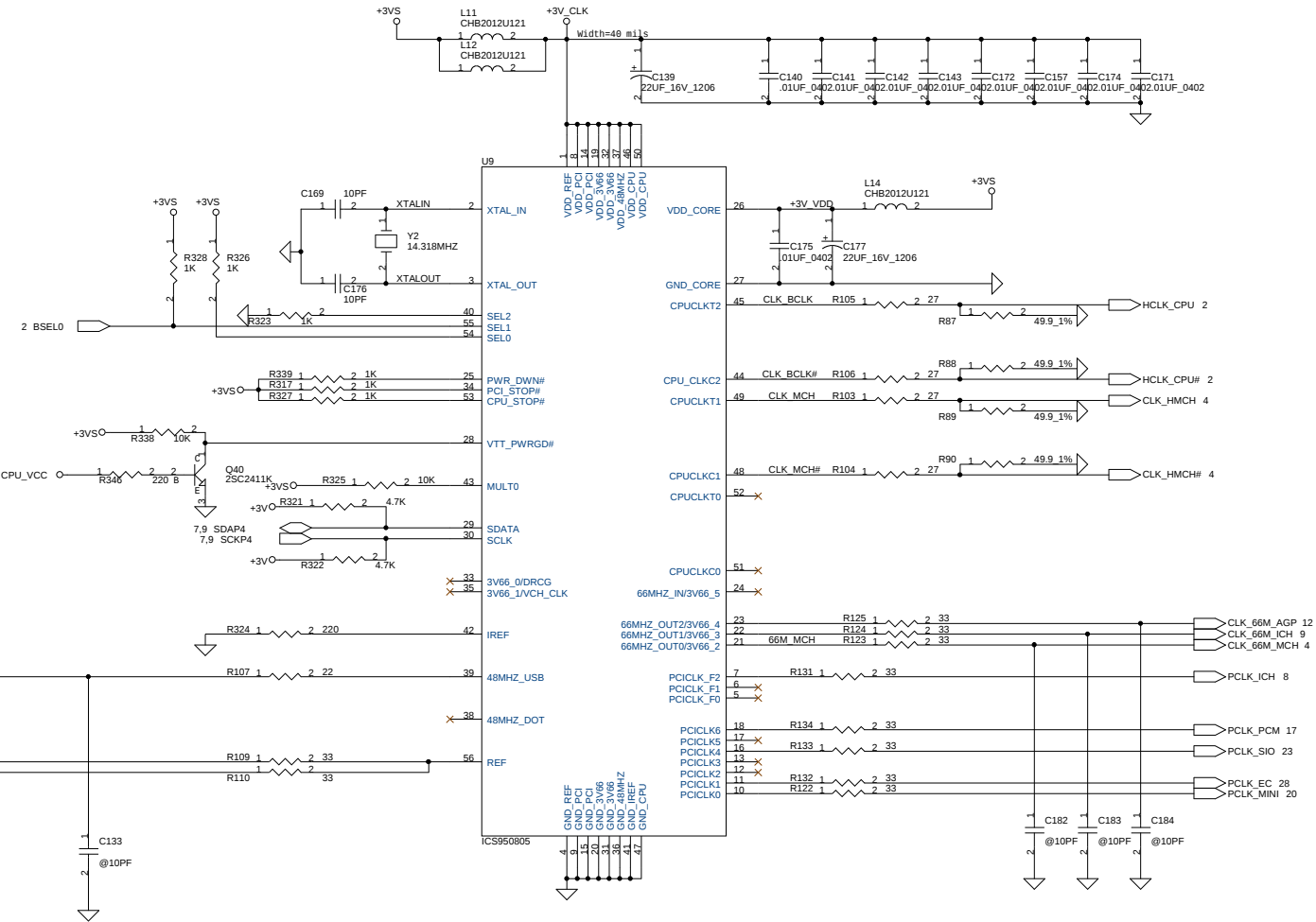
ICH2-C(LAN,Power)



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Compal Electronics, Inc.			
Title	ICH2-C(LAN,Power) & Pull-Up		
Size	Document Number	Rev	
B	ATR10 LA1251	1.0	
Date:	Wednesday, February 06, 2002	Sheet	10 of 39

Clock Generator



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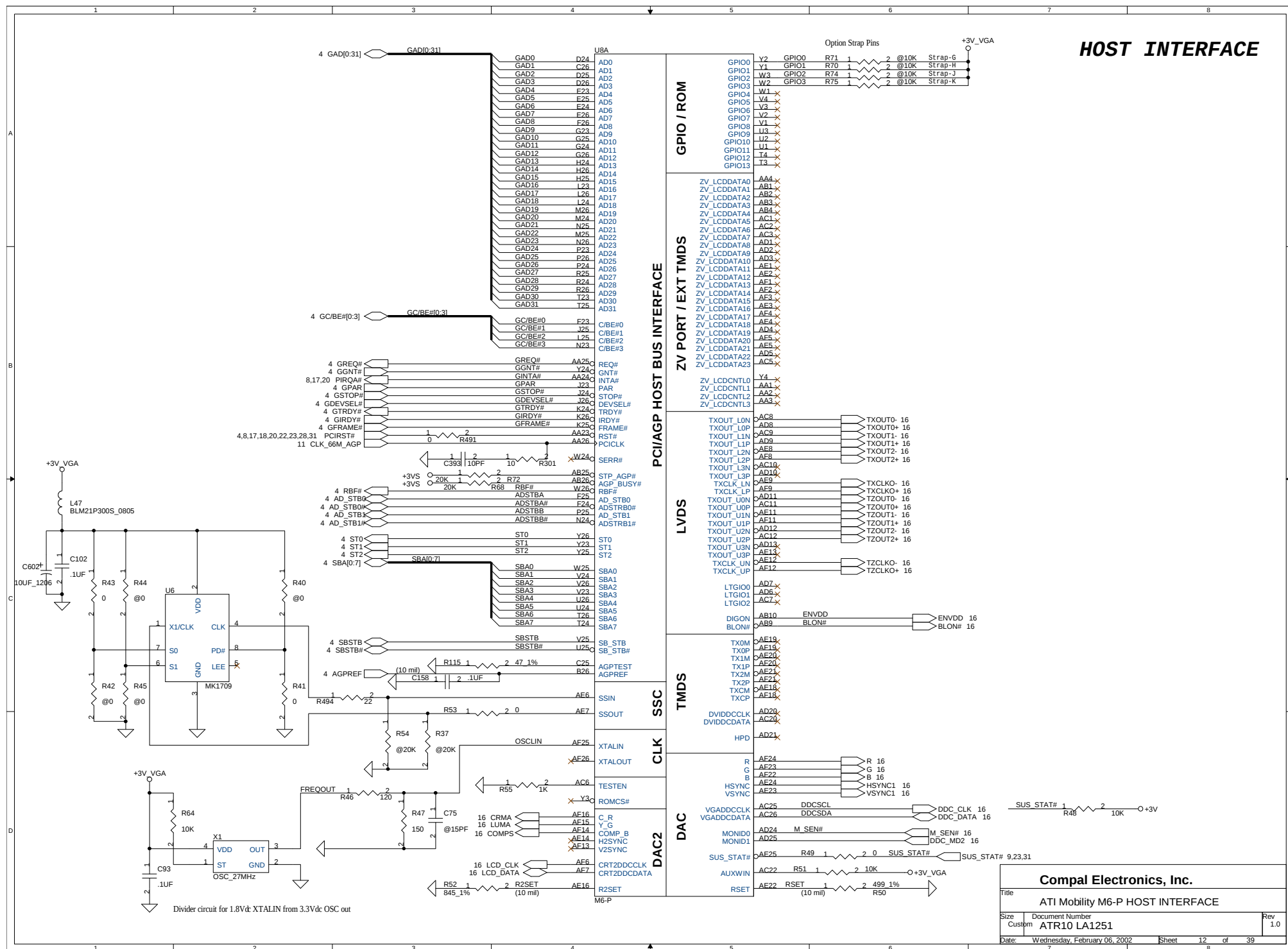
Compal Electronics, Inc.

Clock Generator

Document Number
ATR10 LA1251

Rev
1.0

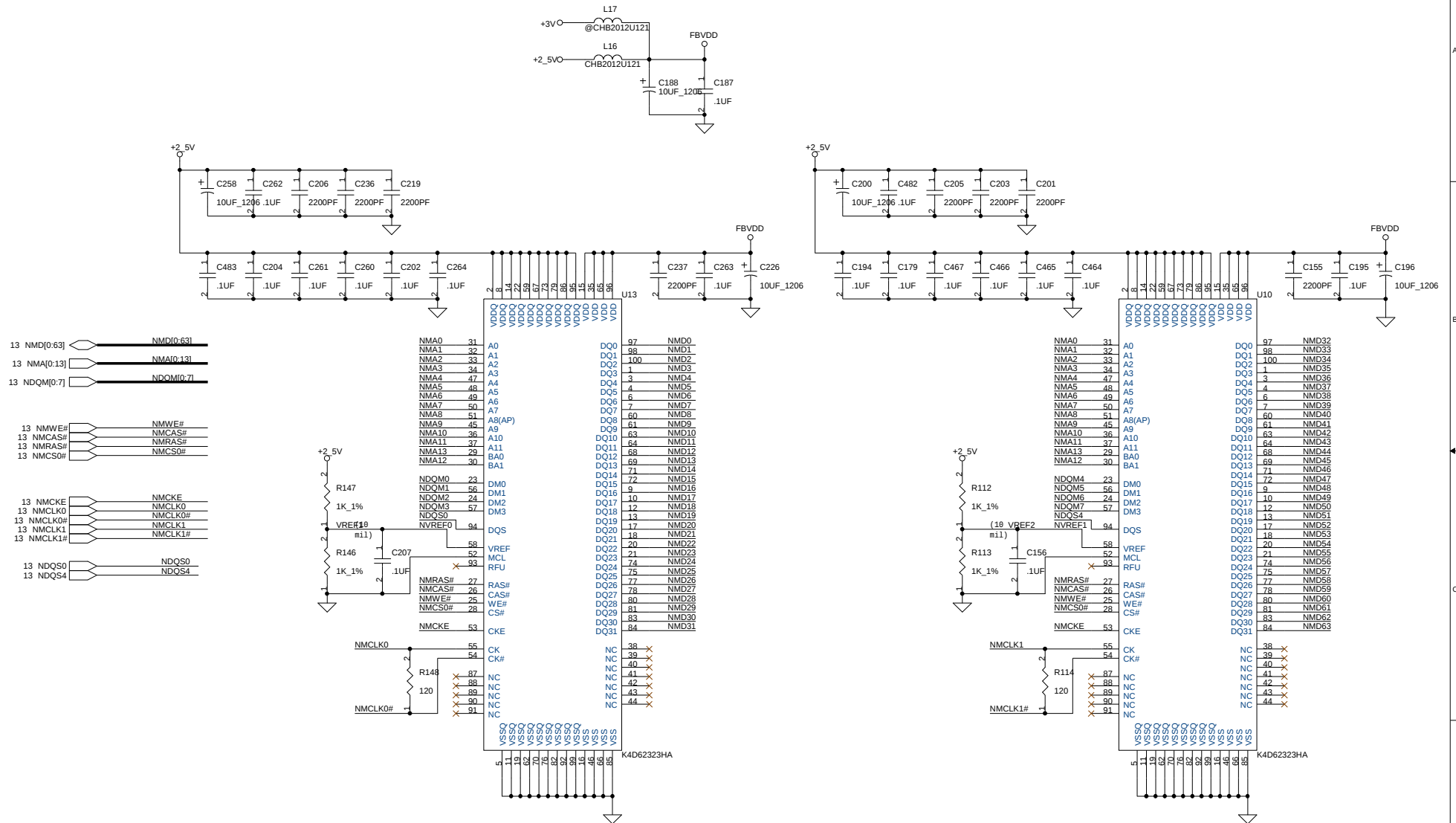
Date: Wednesday, February 06, 2002 Sheet 11 of 39

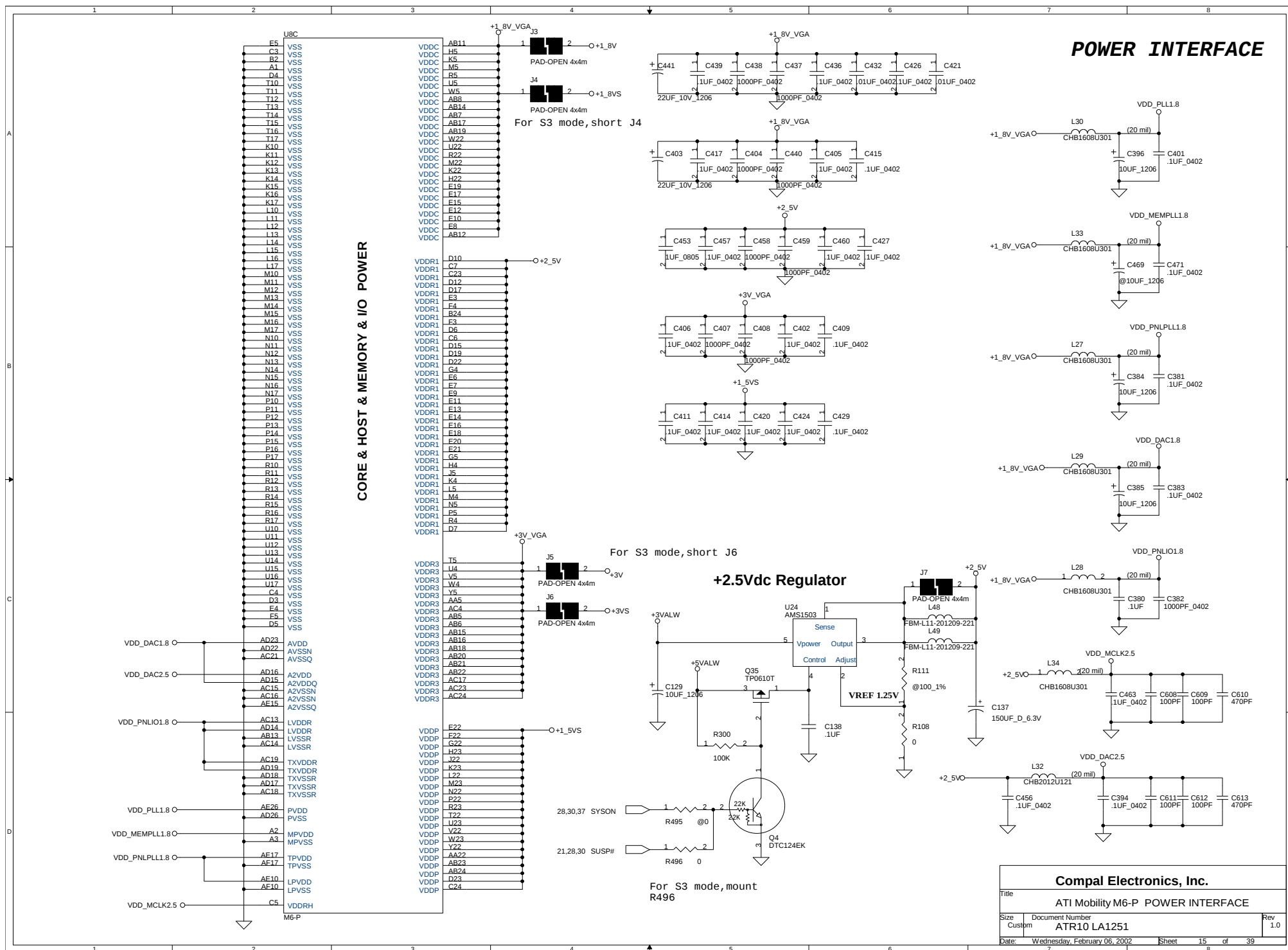


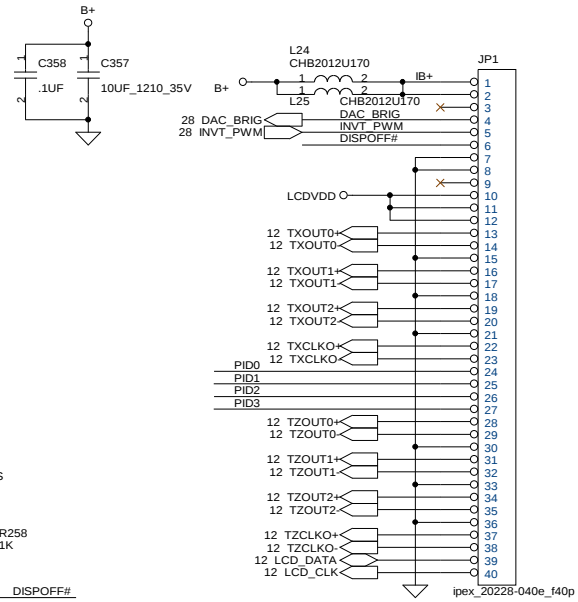
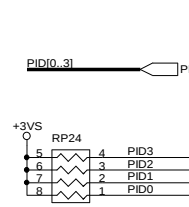
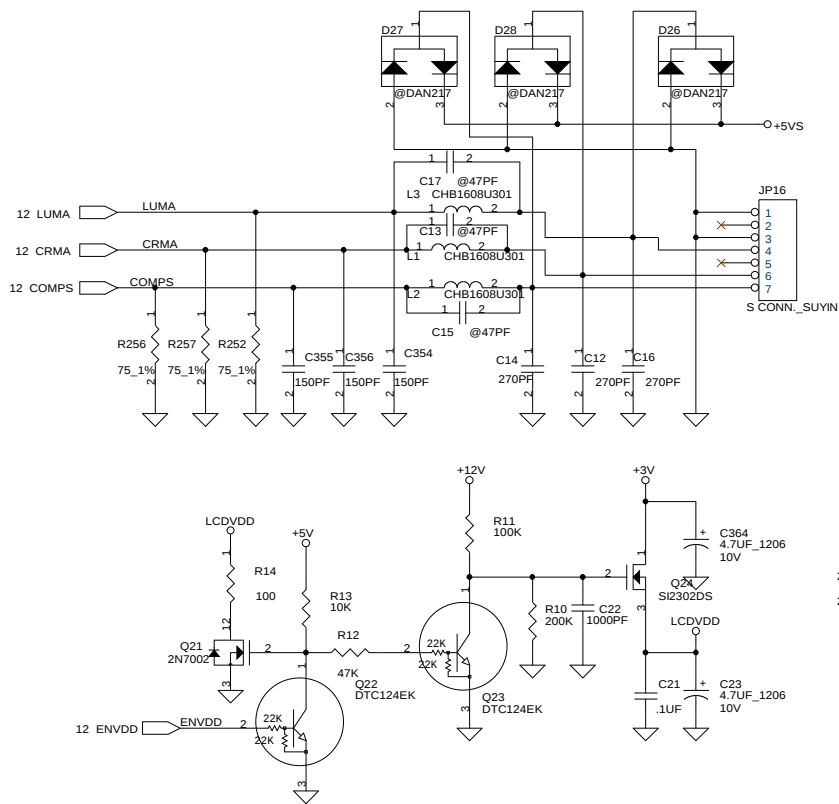
Date: Wednesday, February 06, 2002 Sheet 13 of 39



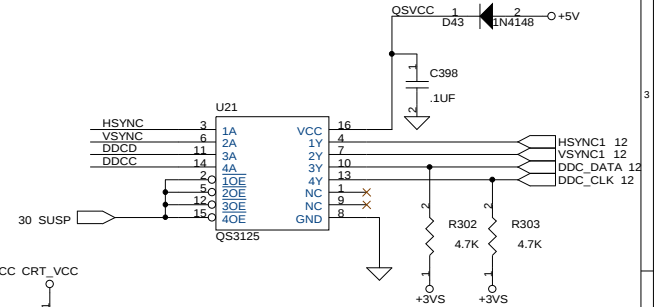
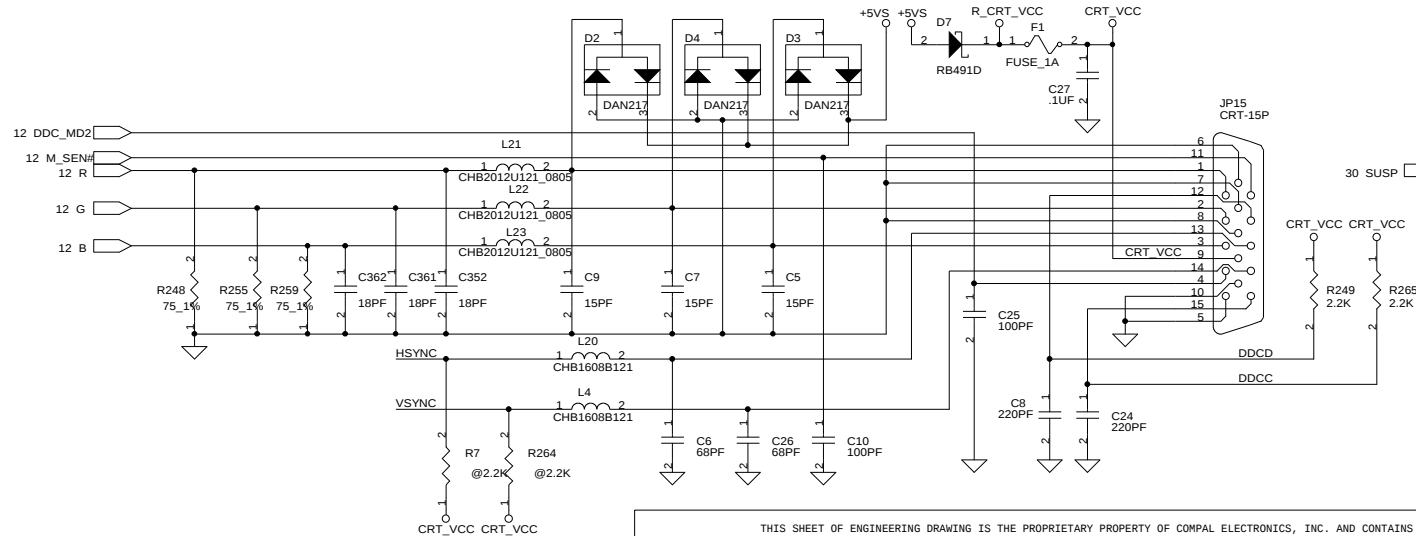
DDR SDRAM





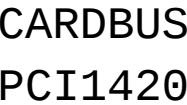


CRT Connector



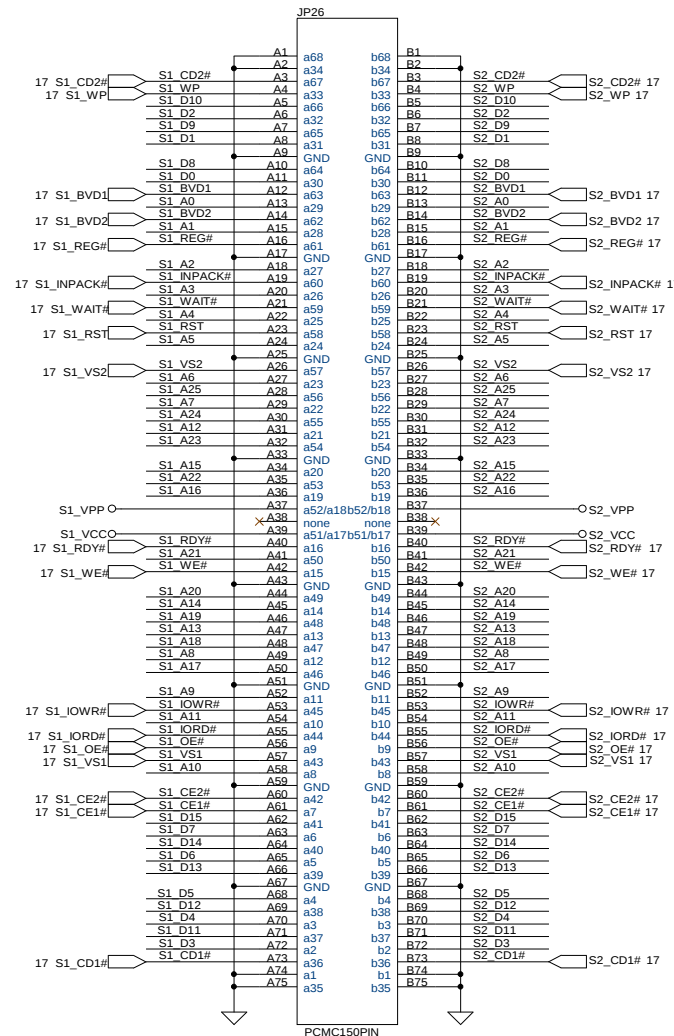
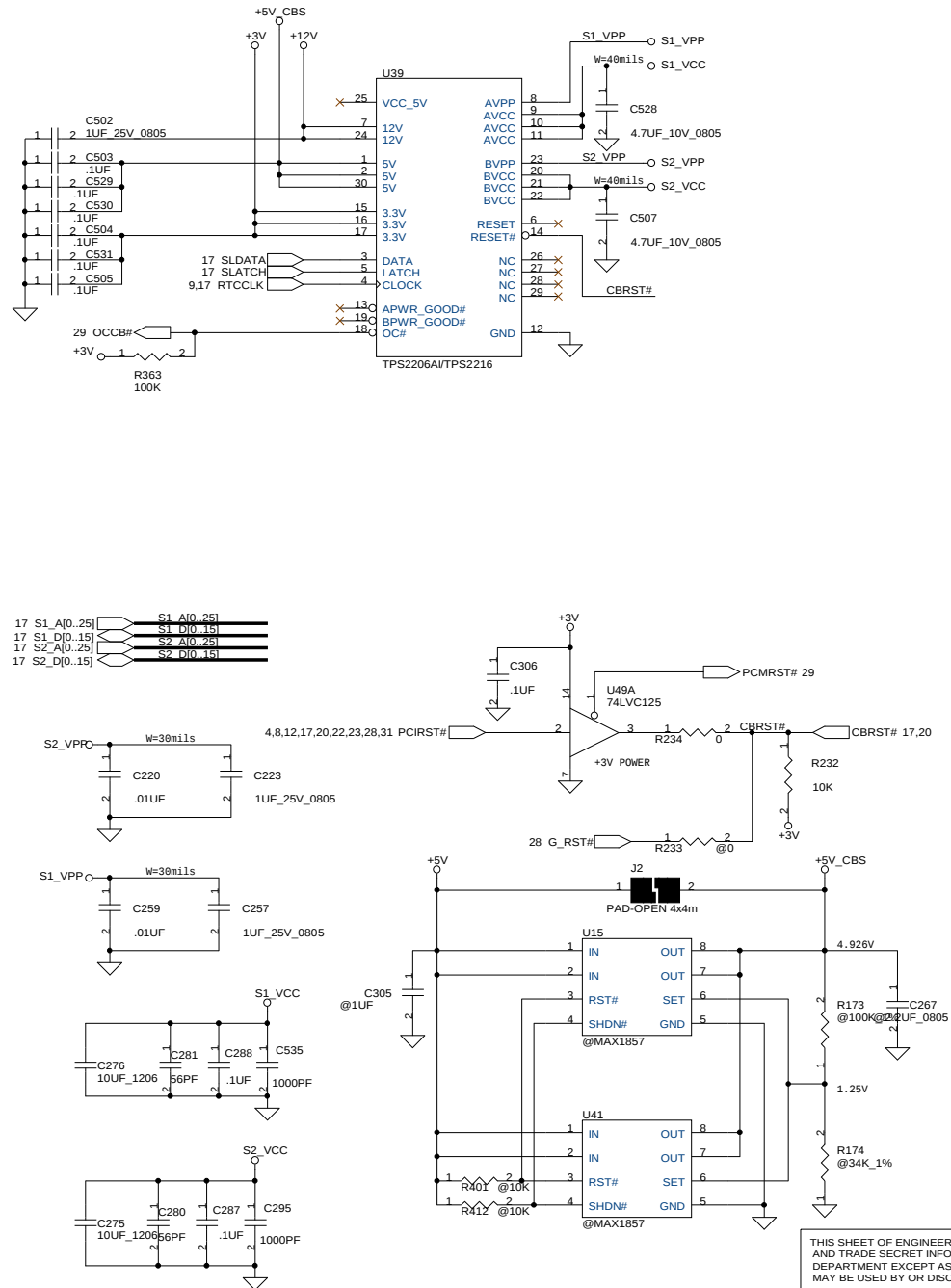
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Title CRT&TV-OUT&LVDS Connector			
Size B	Document Number ATR10 LA1251		Rev 1.0
Date: Wednesday, February 06, 2002	Sheet 16	of 39	

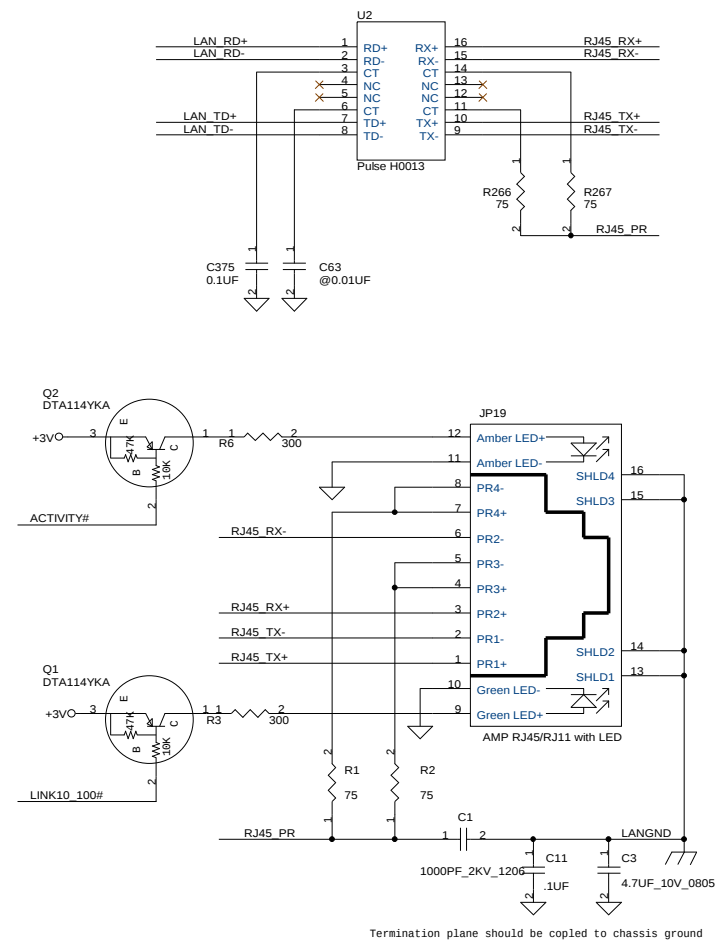


PCMCIA POWER CTRL.

CARDBUS
SOCKET

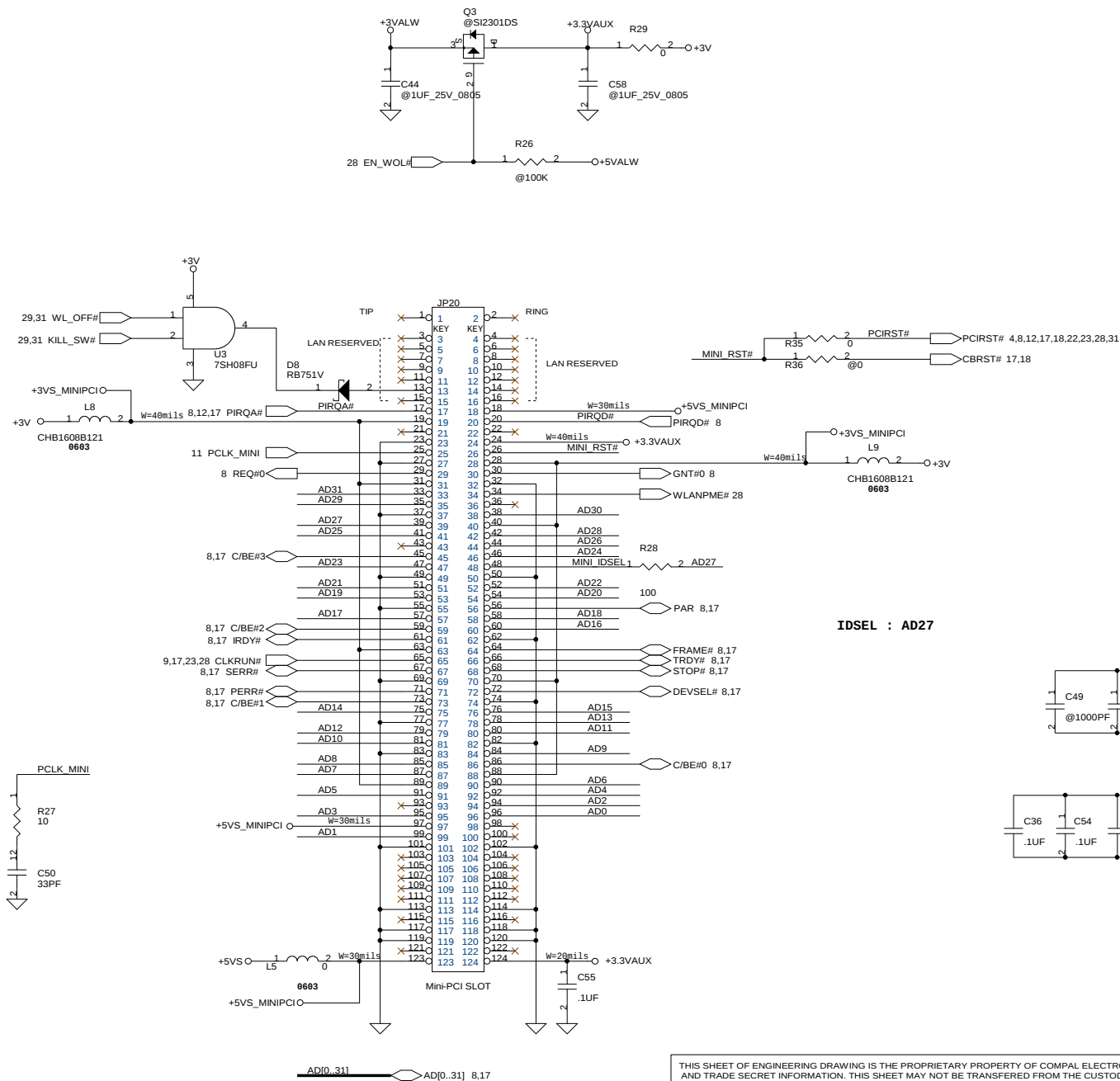


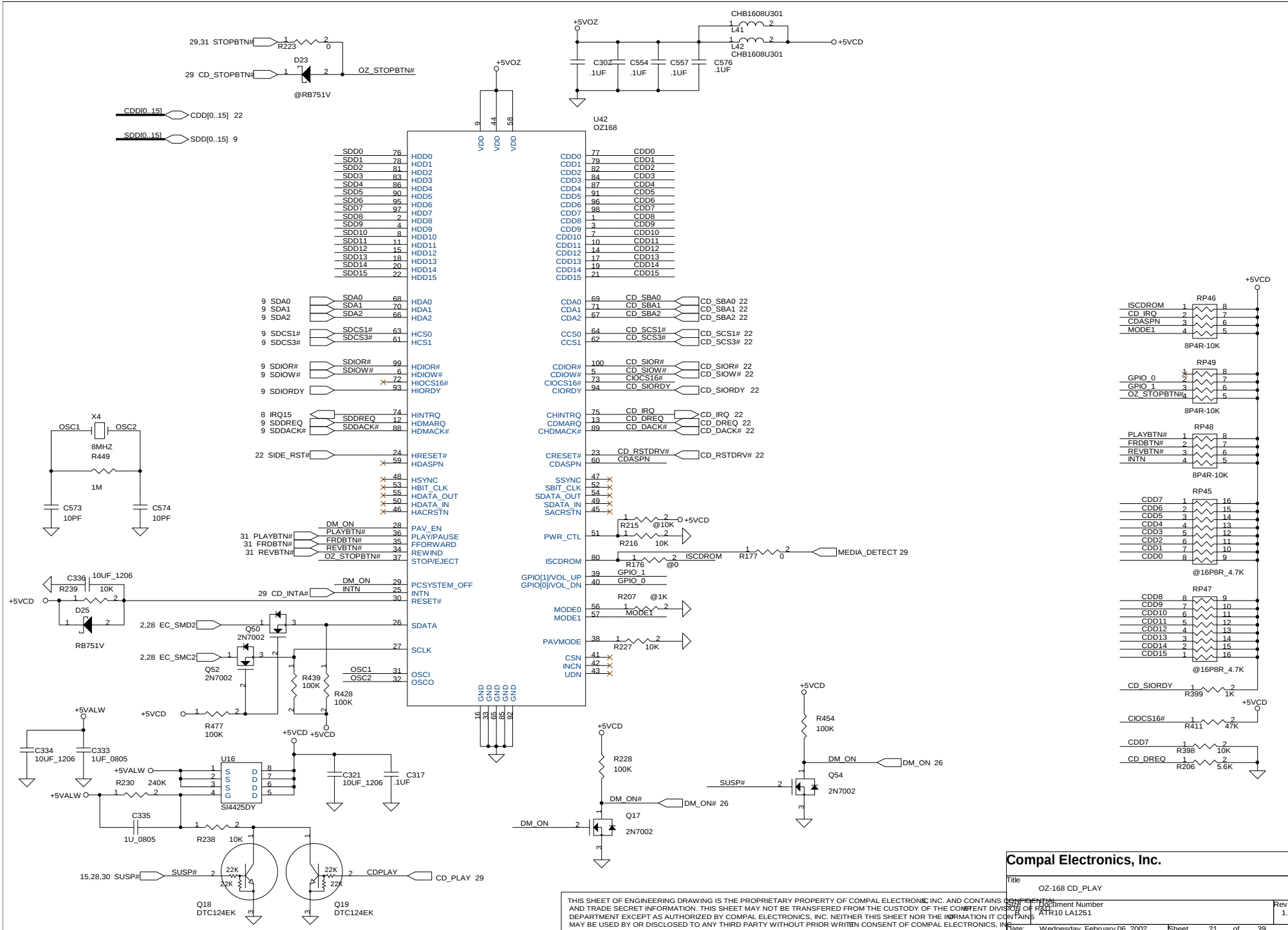
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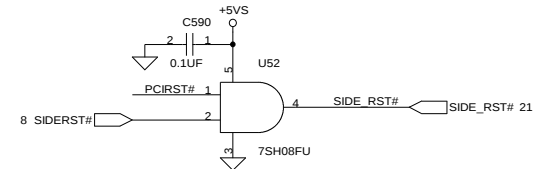
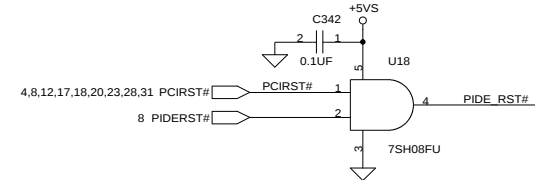
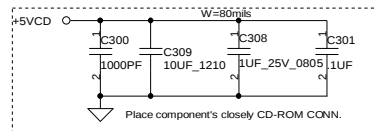
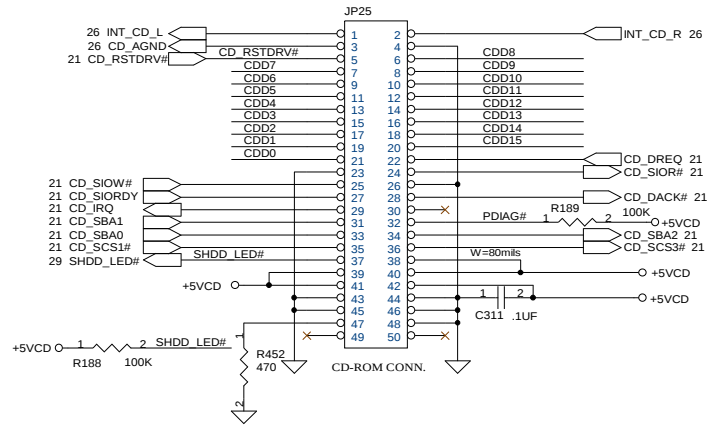
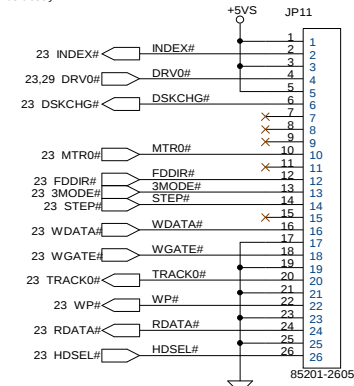
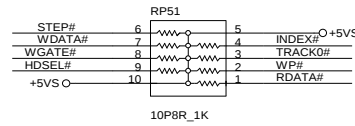
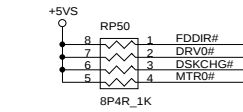
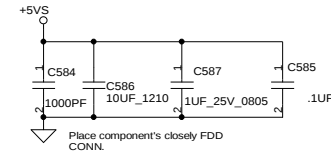
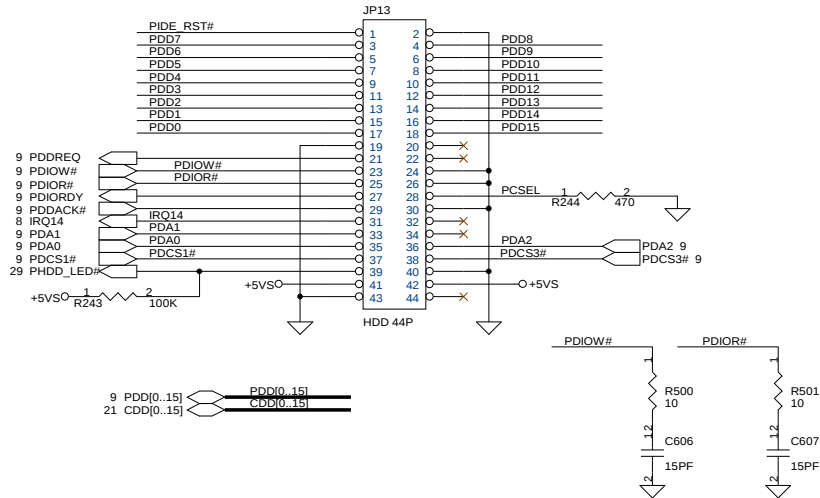
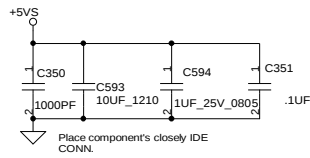
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Size	Document Number	Rev	
B	ATR10 LA1251	1.0	
Date:	Wednesday, February 06, 2002	Sheet	19 of 39

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IDE,CD-ROM Module CONN.



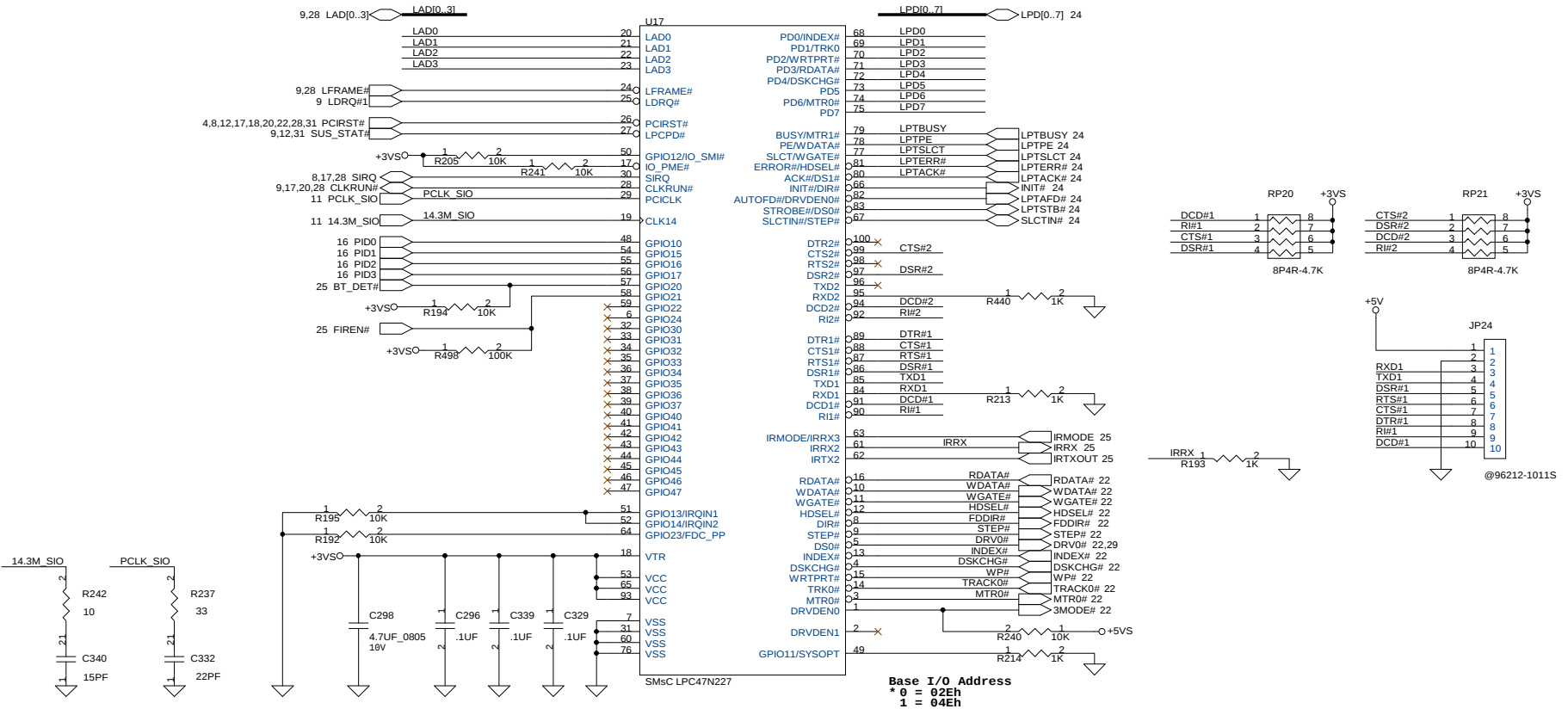
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Title IDE/ FDD MODULE CONN.

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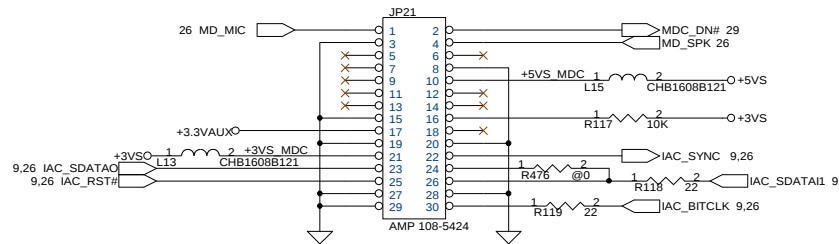
Date: Wednesday, February 06, 2002 Sheet 22 of 39 Rev 1.0

SUPER I/O SMC FDC47N227

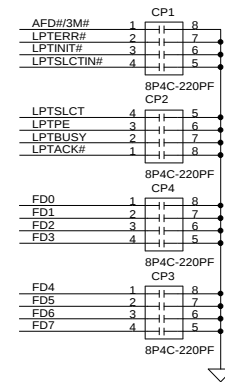
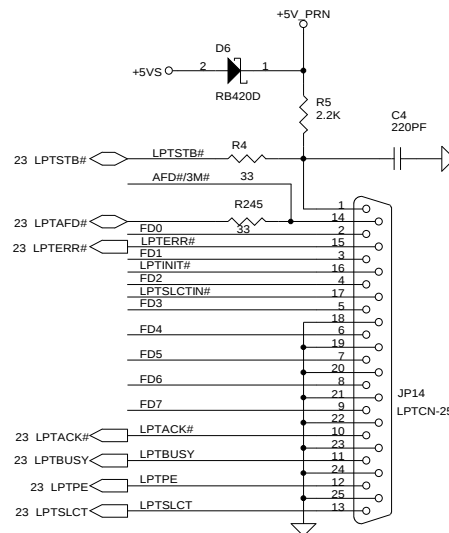
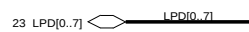
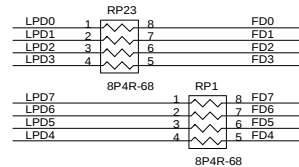
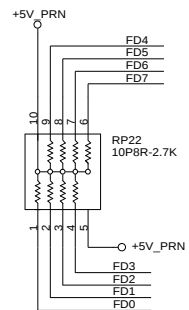
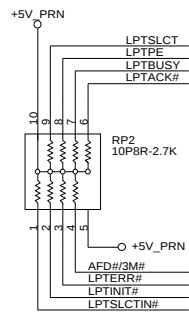


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Size	Document Number	Rev
B	ATR10 LA1251	1.0
Date:	Wednesday, February 06, 2002	Sheet 23 of 39

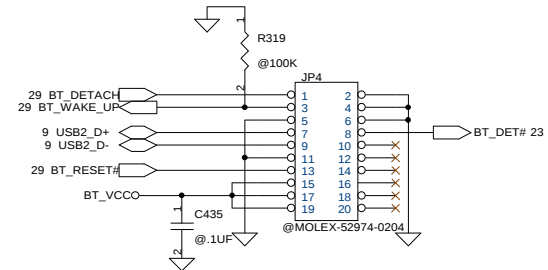
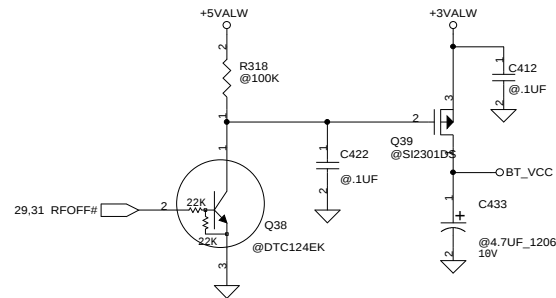
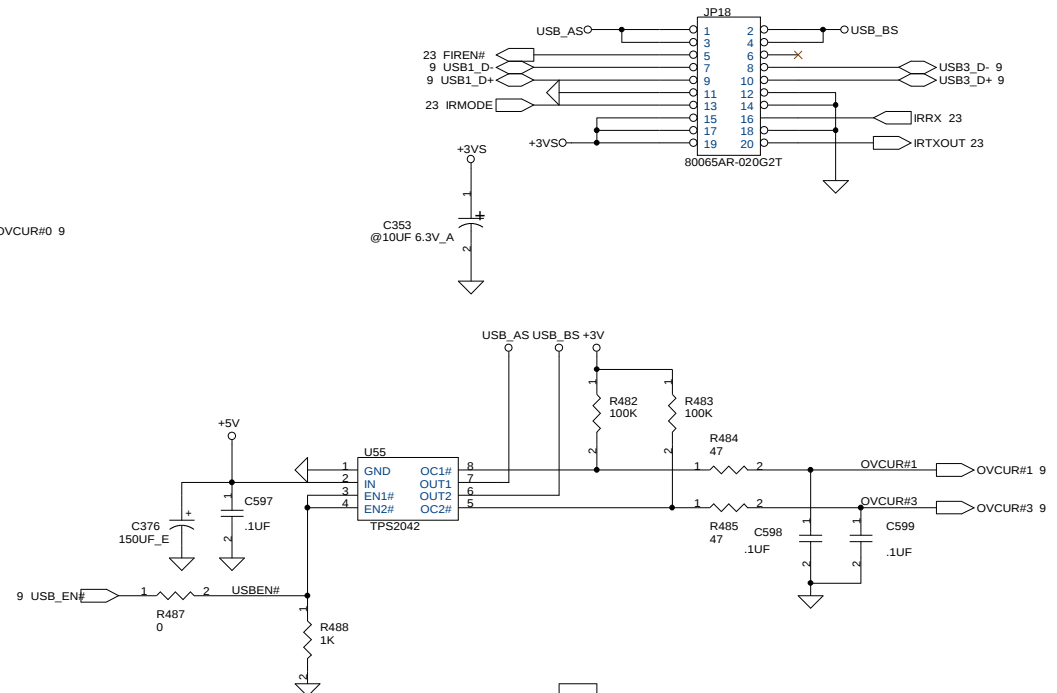
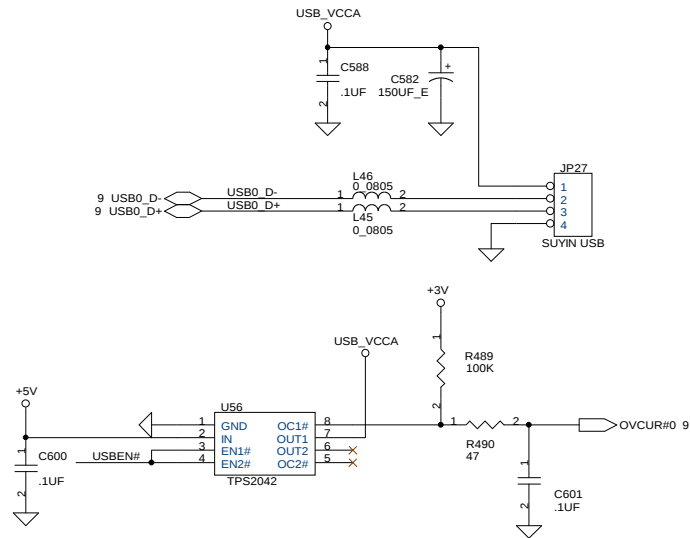


PARALLEL PORT



Compal Electronics, Inc.

Title PARALLEL/MDC PORT



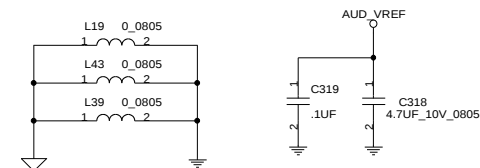
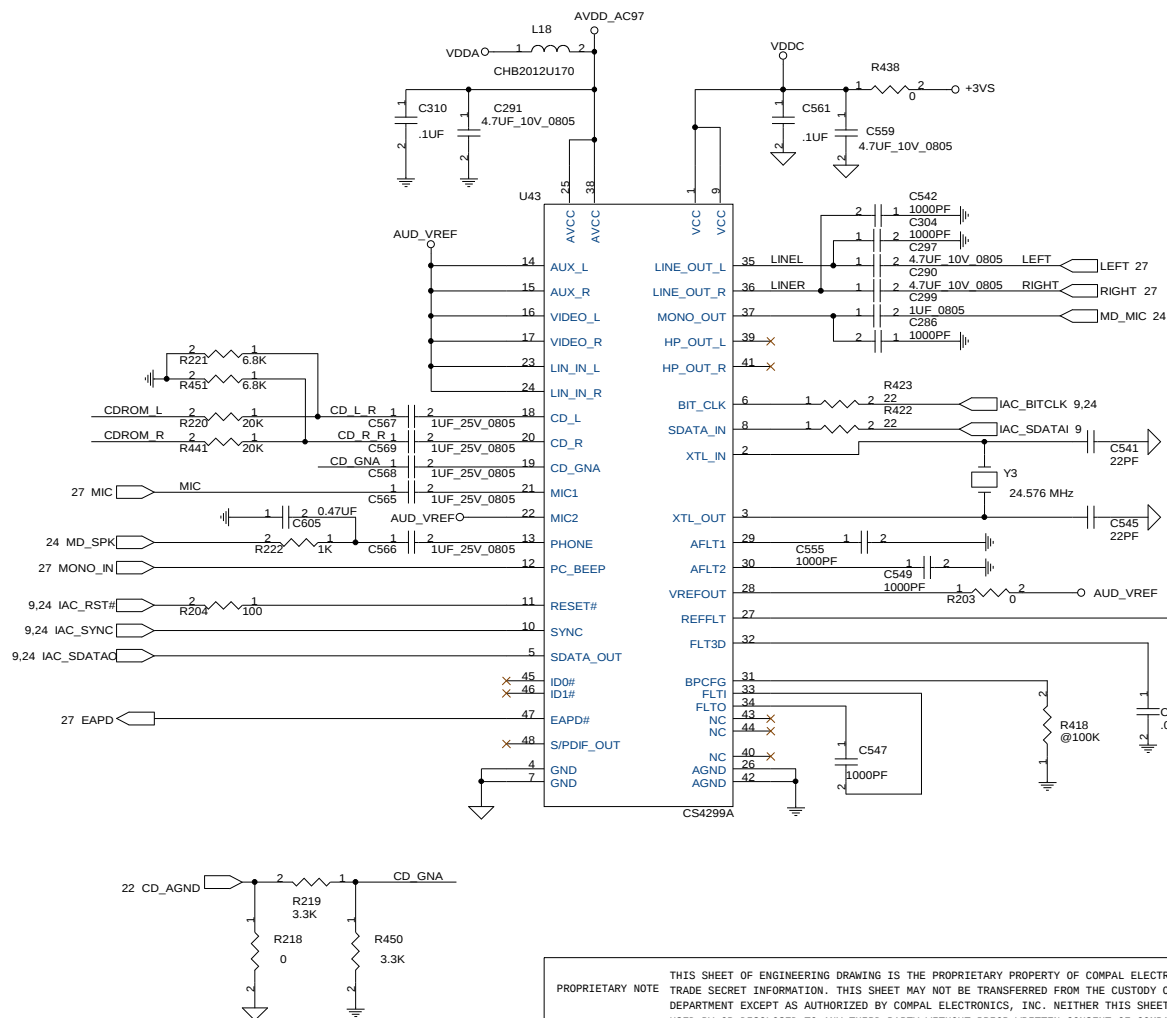
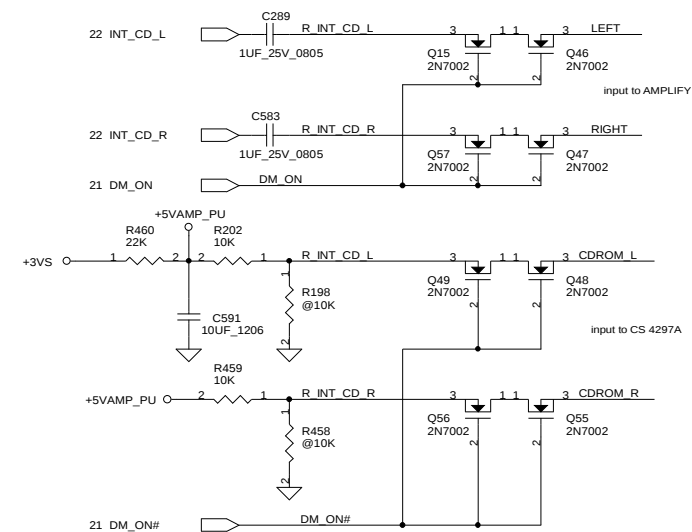
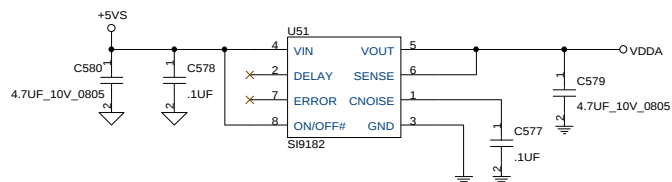
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Title: USB & Bluetooth

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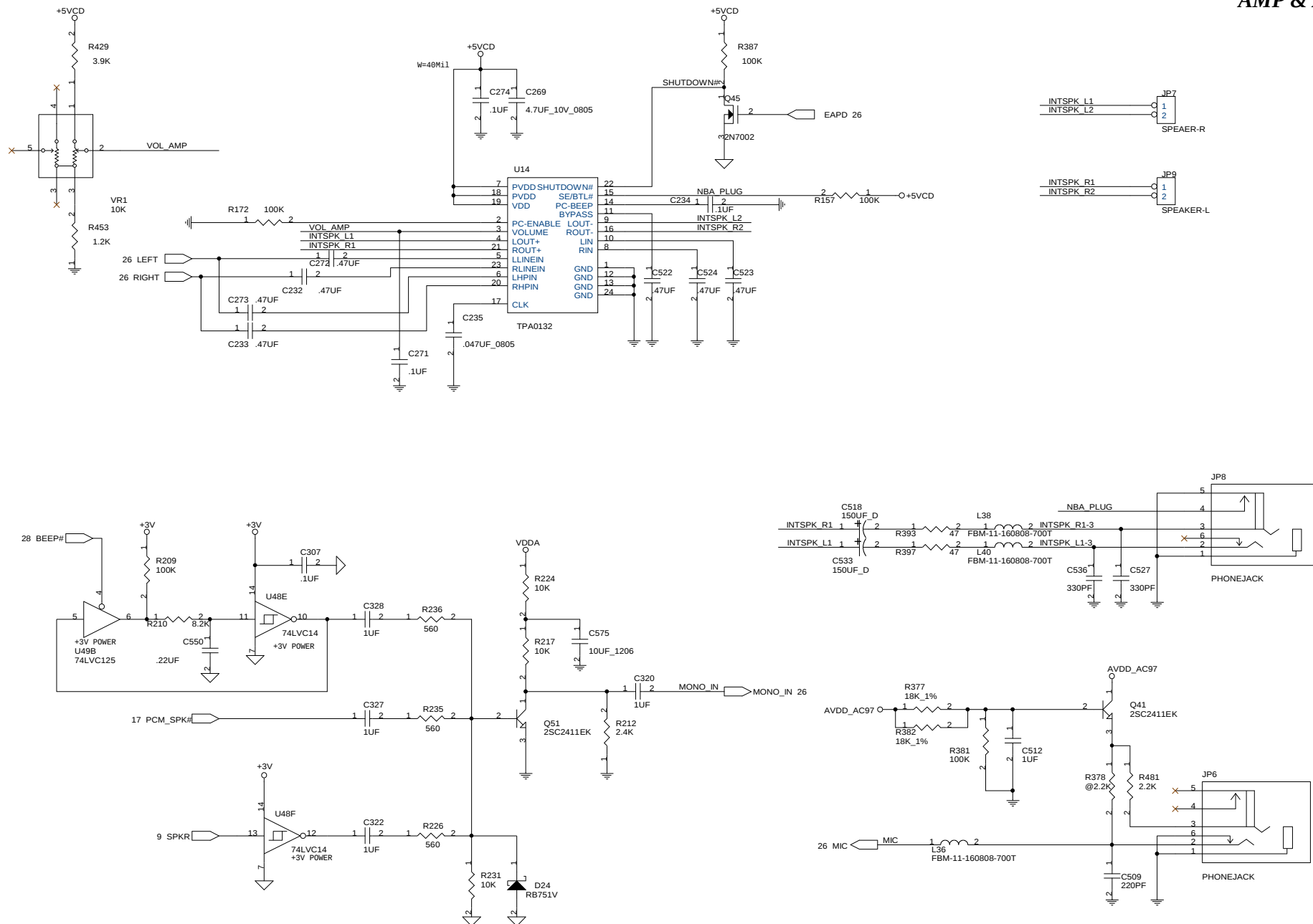
Document Number: ATR10 LA1251
Date: Wednesday, February 06, 2002
Sheet: 25 of 39
Rev: 1.0

AC97 Codec



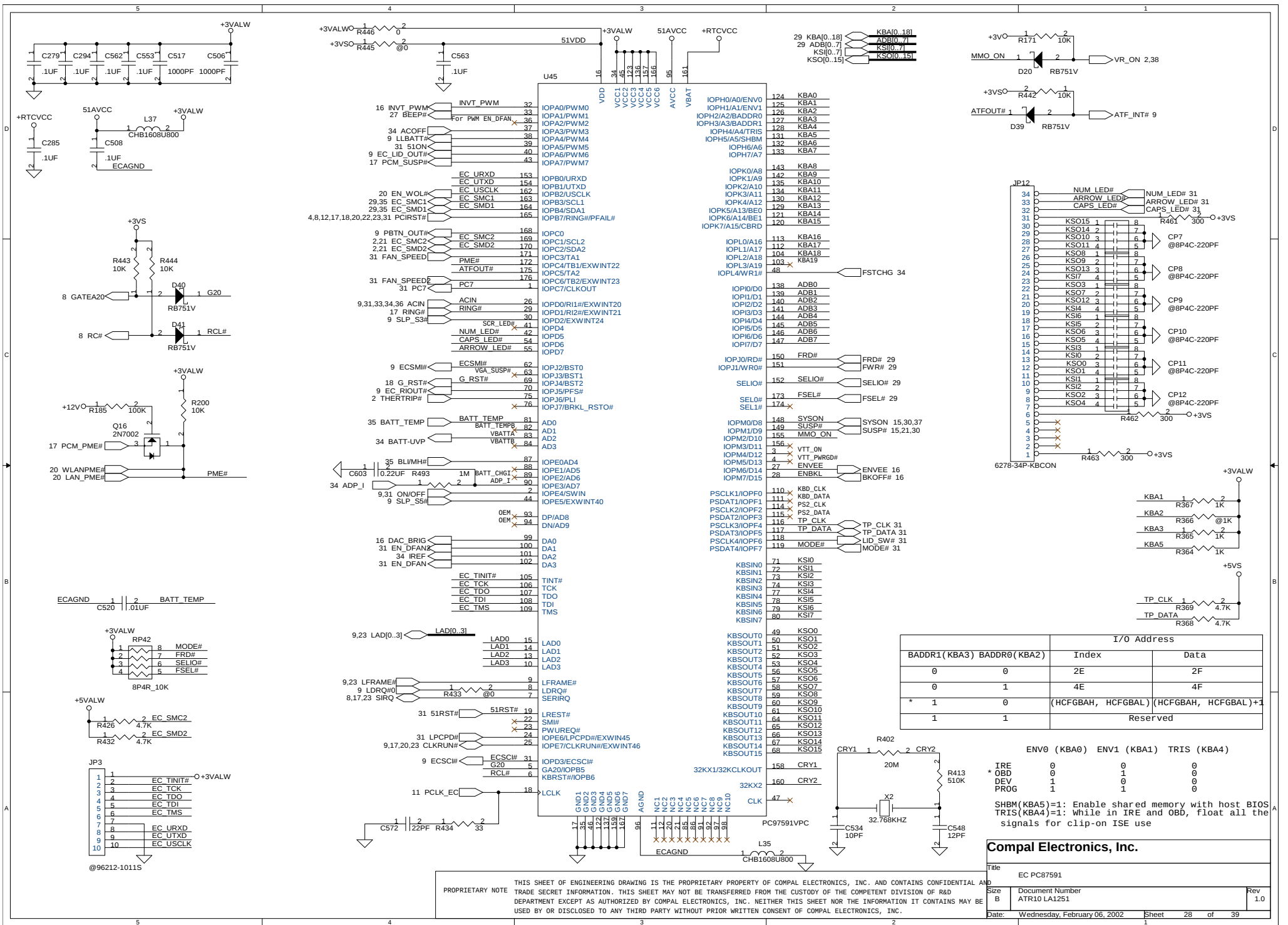
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B	ATR10 LA1251			1.
Date:	Wednesday, February 06, 2002	Sheet	26 of 30	

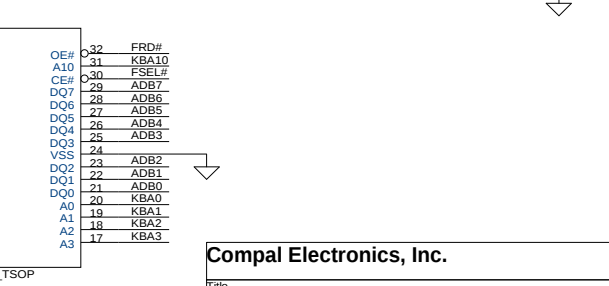
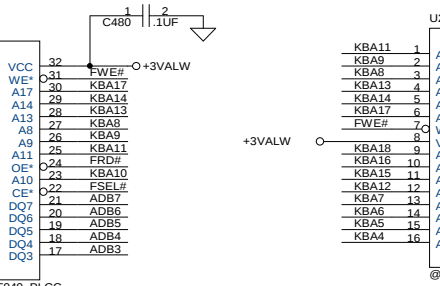
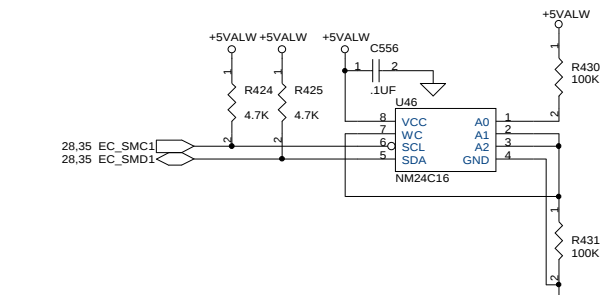
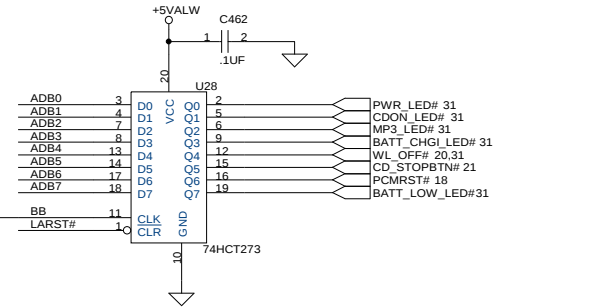
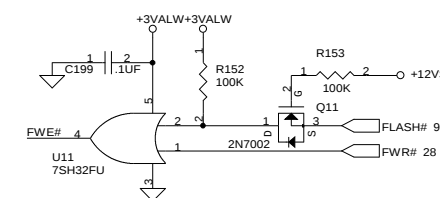
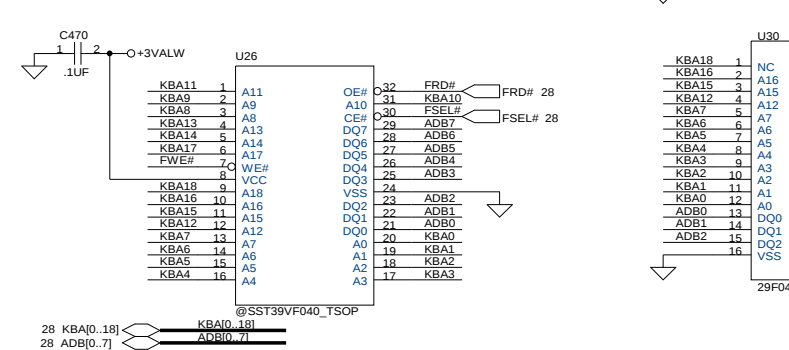
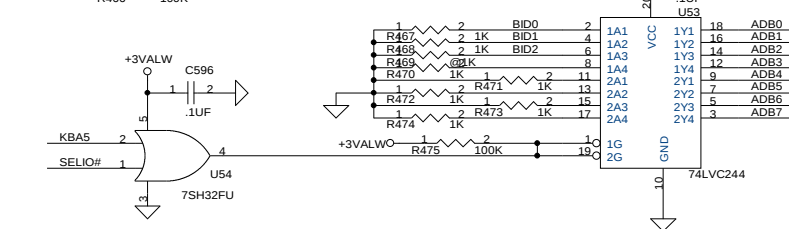
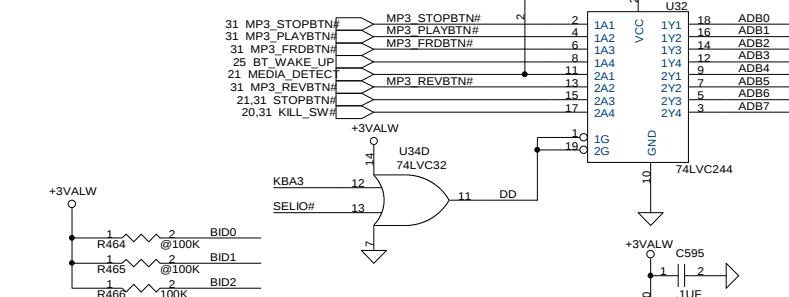
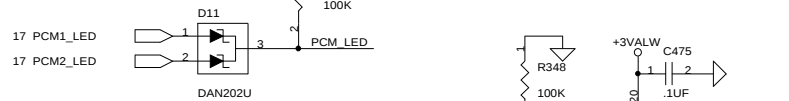
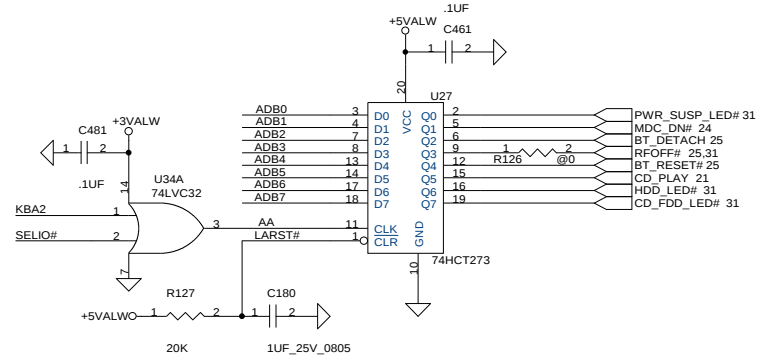
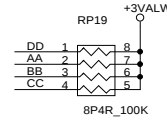
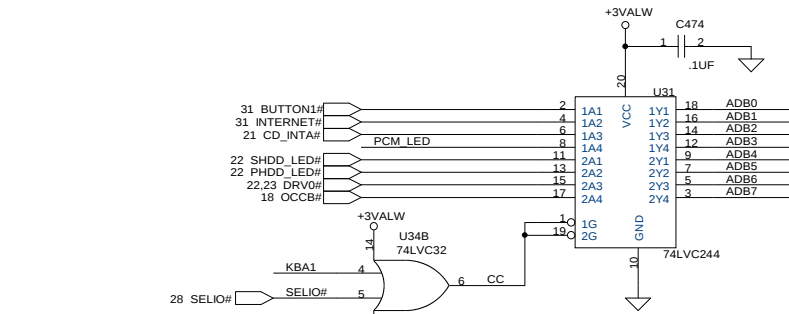
AMP & Audio Jack



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Size B	Document Number	Rev 1.0	
	ATR10 LA1251		
Date:	Wednesday, February 06, 2002	Sheet	27 of 39





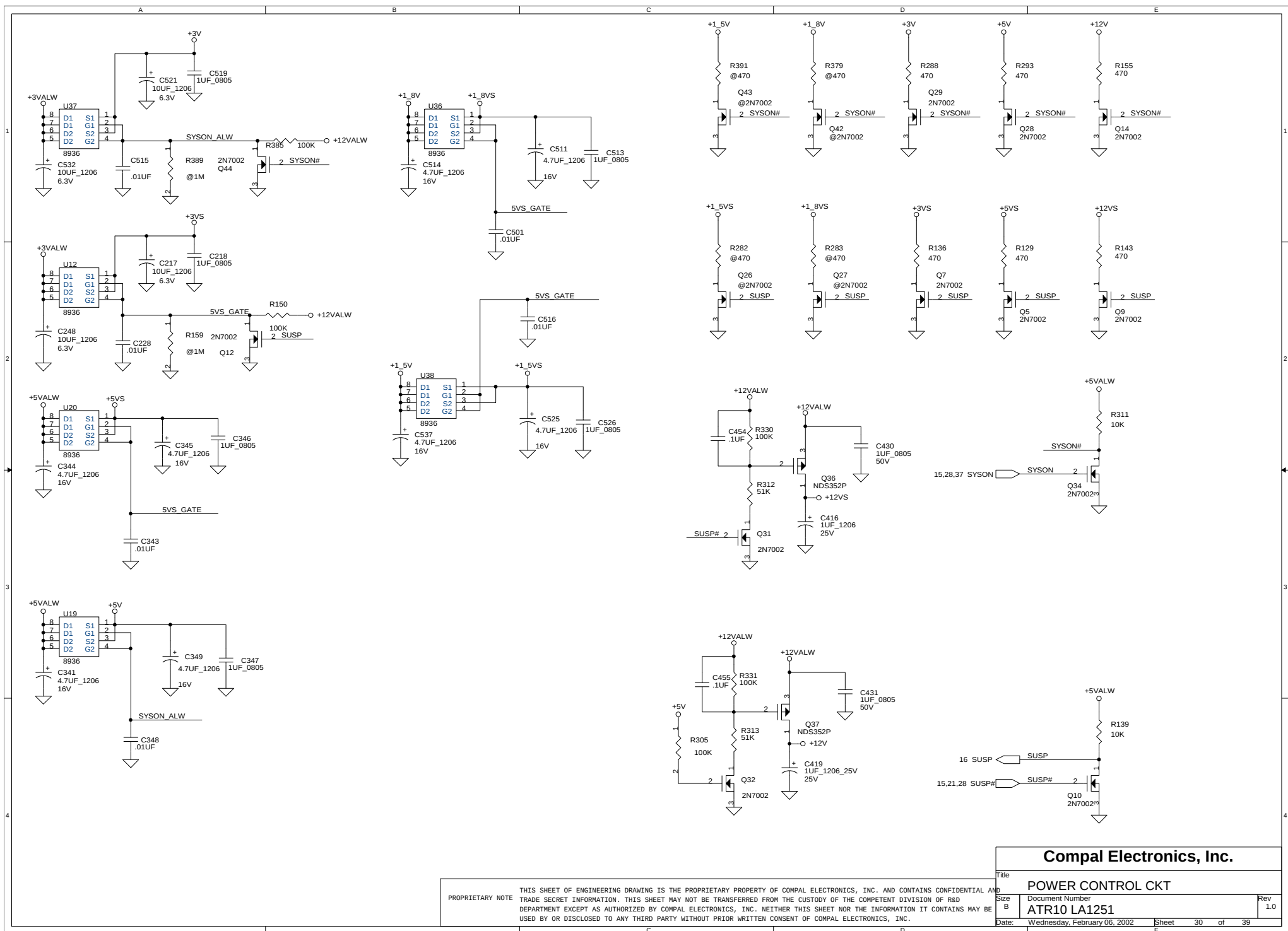
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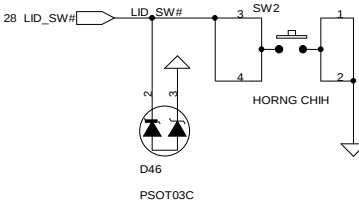
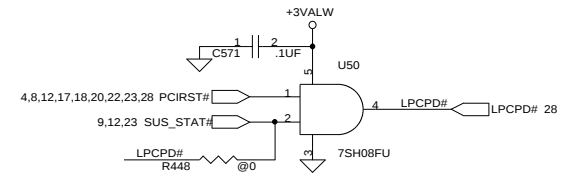
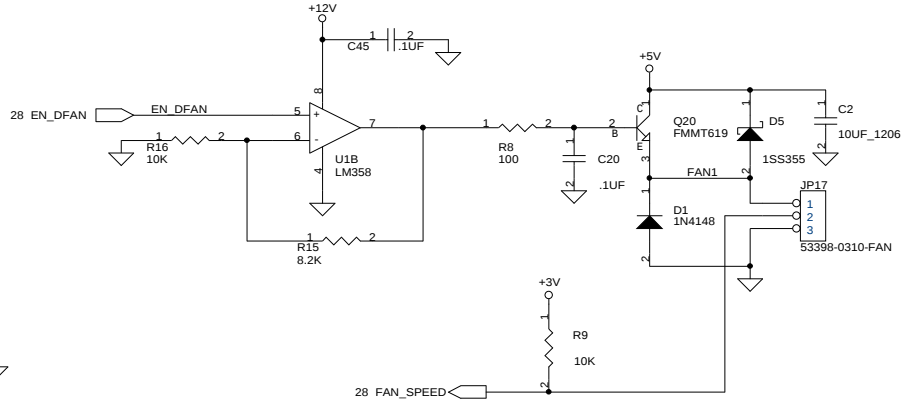
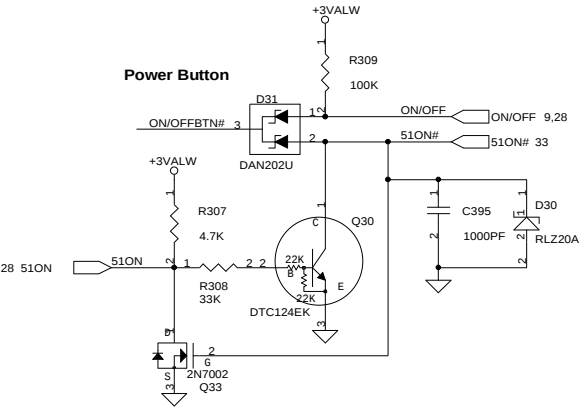
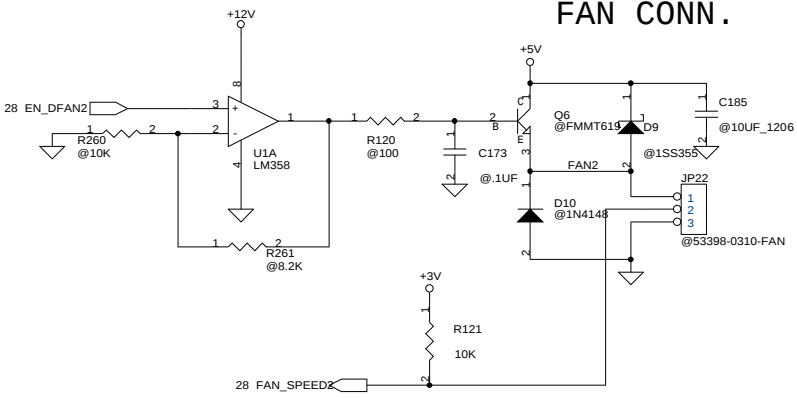
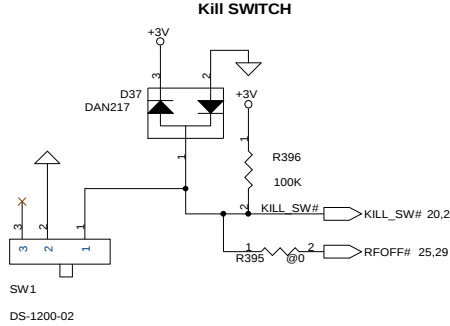
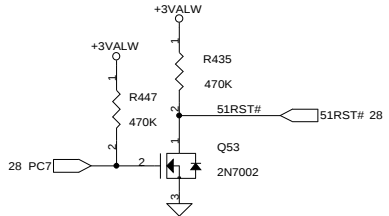
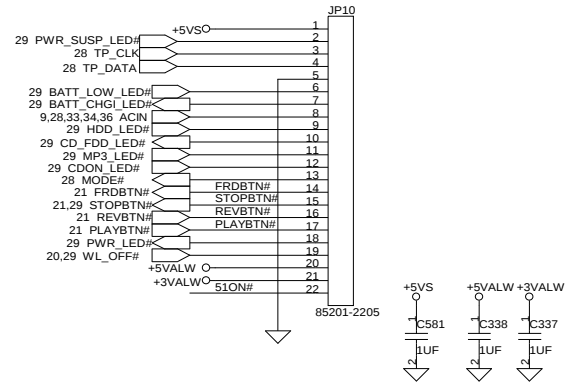
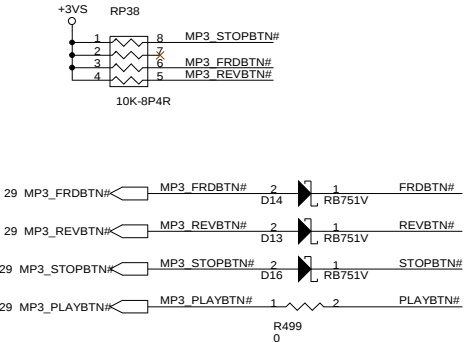
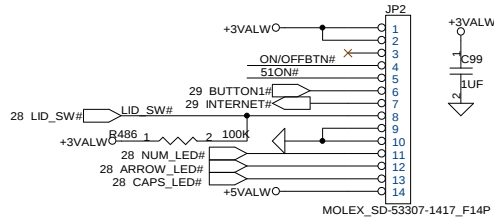
Title: BIOS & EXT. I/O PORT

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Date: Wednesday, February 06, 2002 Sheet 29 of 39





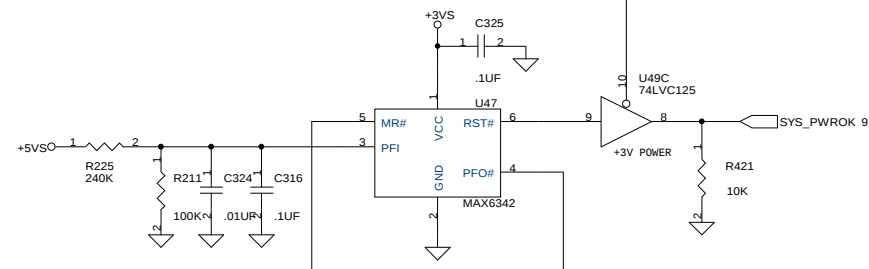
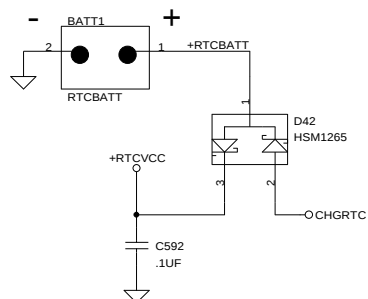
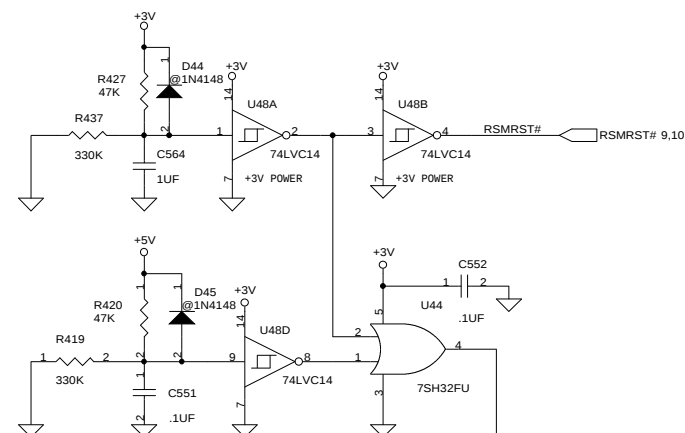
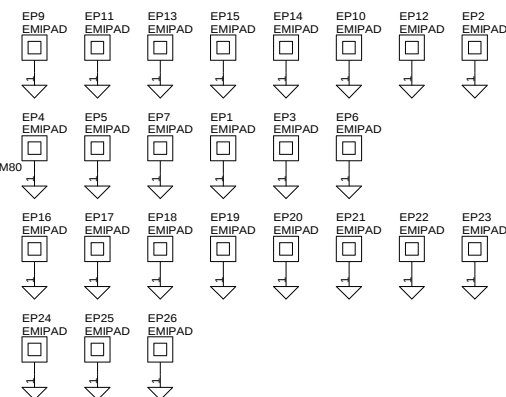
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Title Switches & Connectors

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Document Number ATR10 LA1251 Rev 1.0 Date: Wednesday, February 06, 2002 Sheet 31 of 39

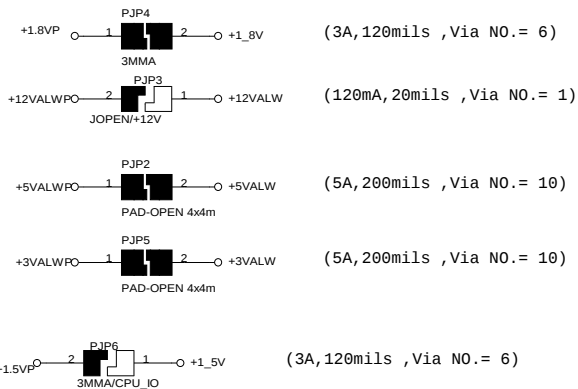
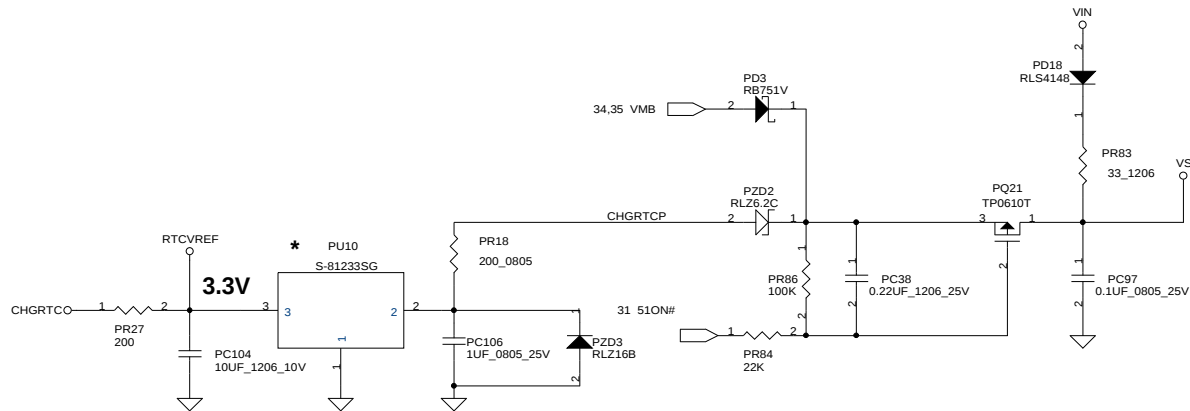
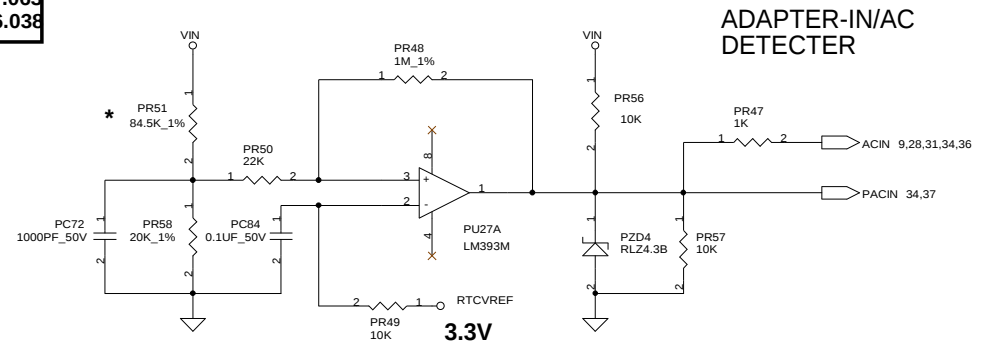
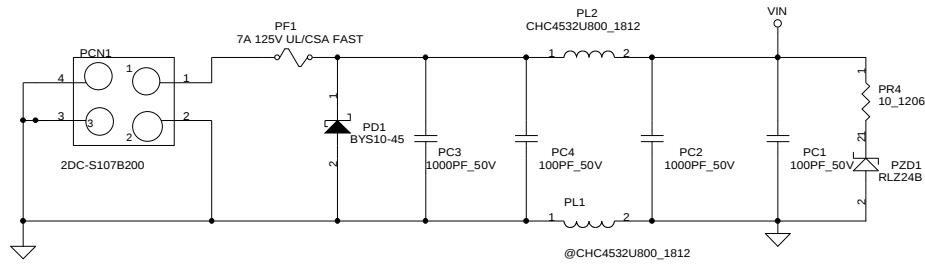


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Size B	Document Number	Rev	
BE	ATR10 LA1251	1.0	
Date:	Wednesday, February 06, 2002	Sheet	32 of 39

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Vin Detector

High 18.764 17.901 17.063
Low 17.745 16.903 16.038



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Title Connector / DC-DC Interface

Size B Document Number

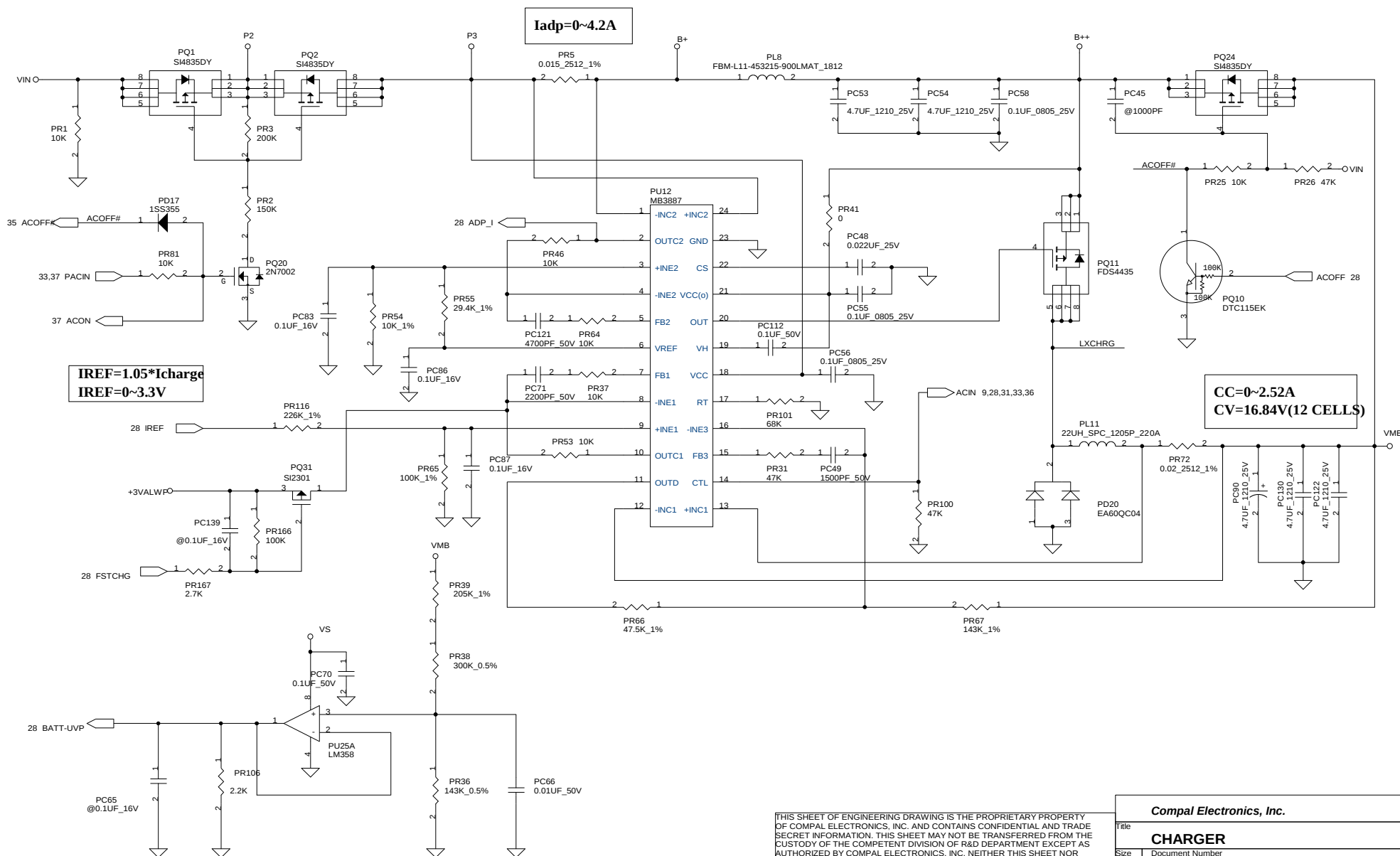
ATR10

Rev 1.0

Date: Wednesday, February 06, 2002

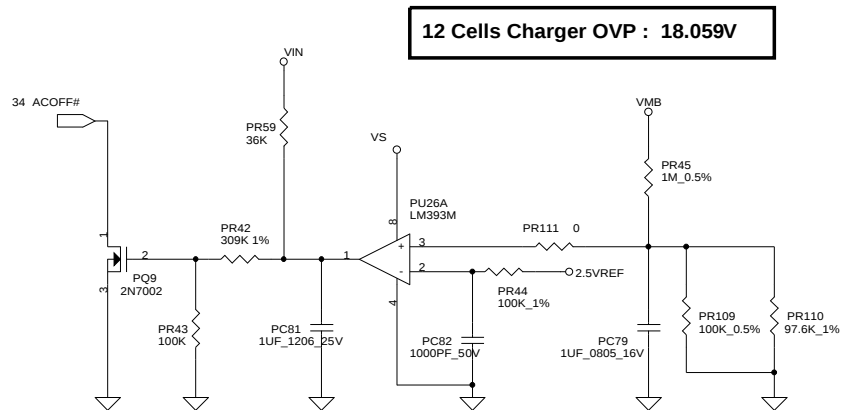
Sheet 33 of 39

CHARGER

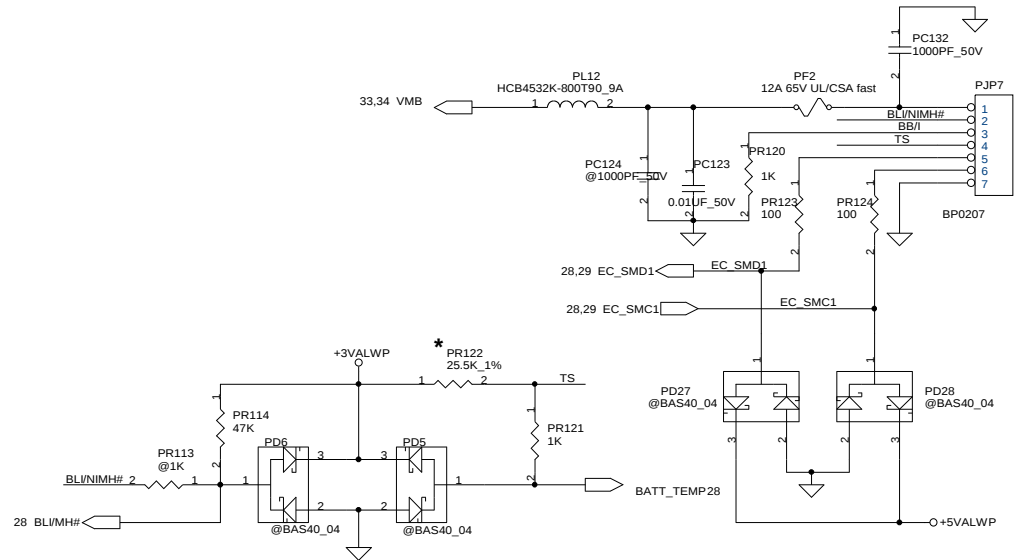
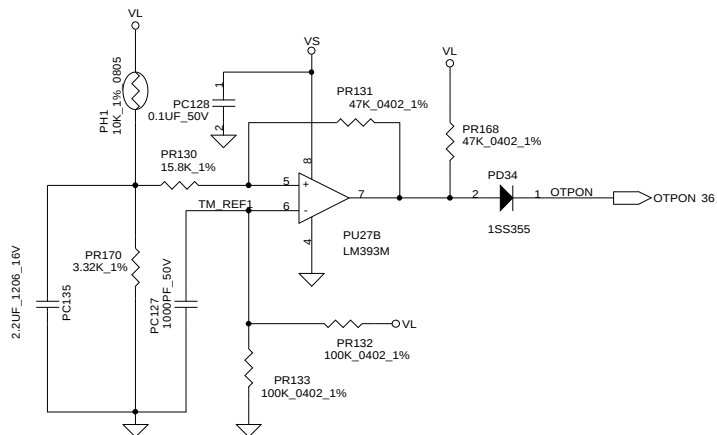


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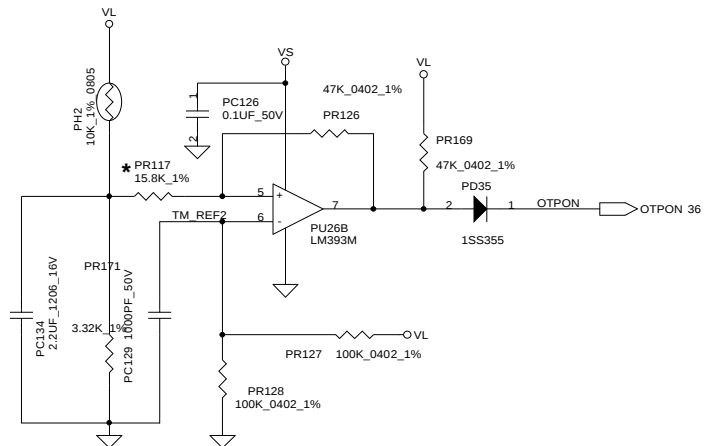
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Title	CHARGER		
Size	Document Number	ATR10	
B		1 of 1	
Date:	Wednesday, February 06, 2002	Sheet	34 of 39



PH1 under CPU botten side :
CPU thermal protection at 82 degree C
Recovery at 50 degree C



PH2 near main Battery CONN :
BAT. thermal protection at 82 degree C
Recovery at 50 degree C



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Title				
Protection				
Size	Document Number			Rev
B	ATR10			1.0
Date: Wednesday, February 06, 2002		Sheet	35	of 39

+3.3V/+5V/+12V

+3.3V Ipeak = 6.66A ~ 10A

+5V Ipeak = 6.66A ~ 10A

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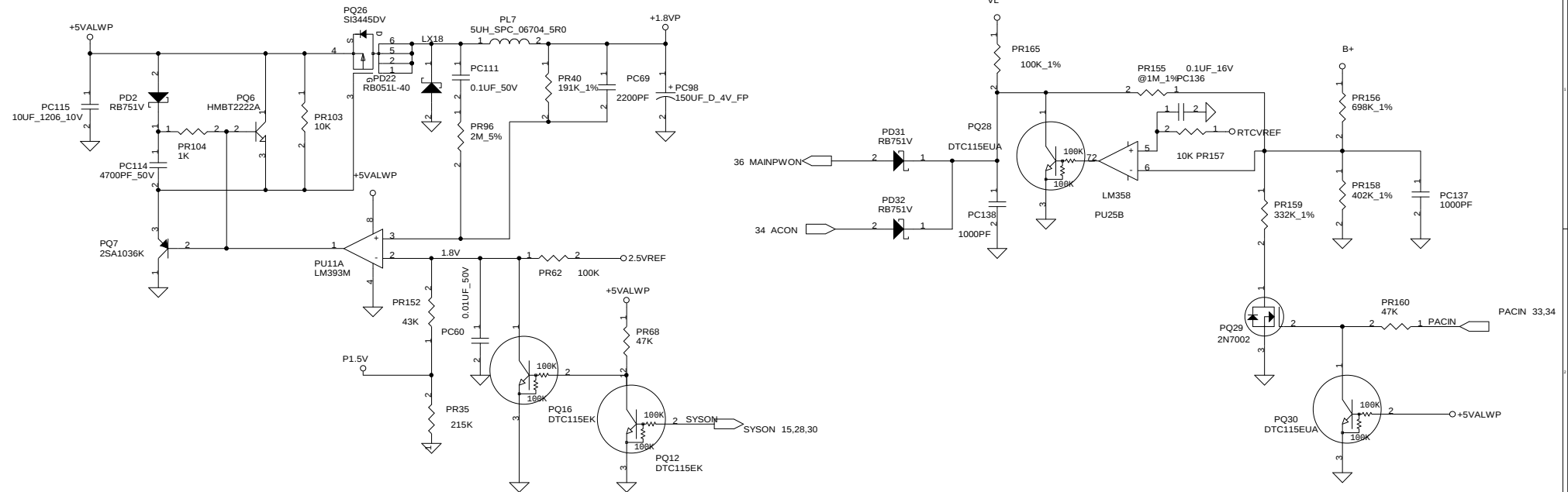
Compal Electronics, Inc.

+3.3V/+5V/+12V

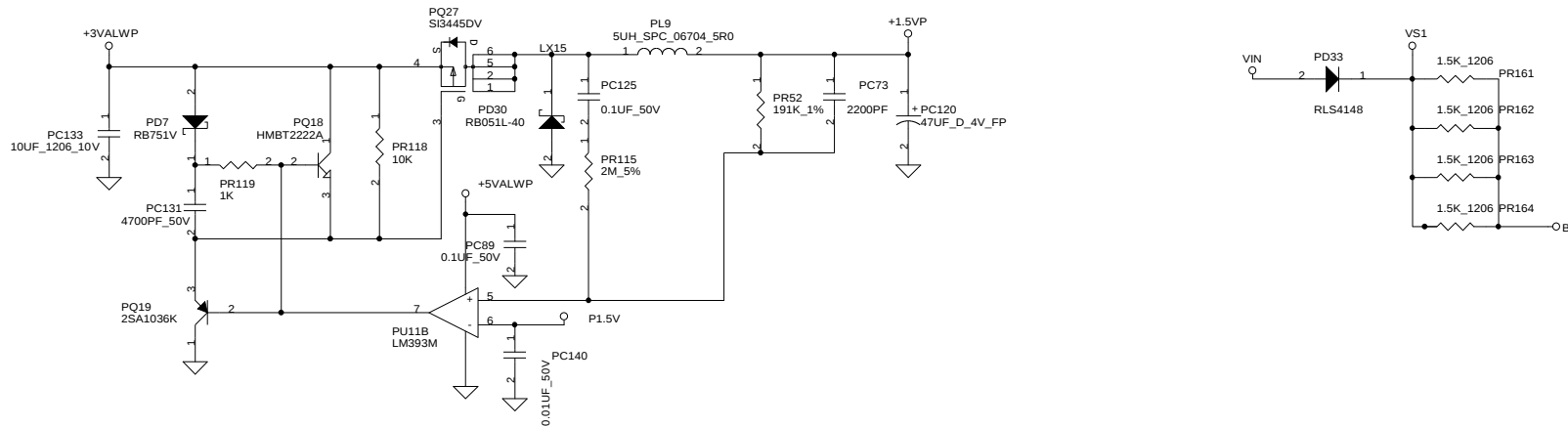
Title	Document Number	Rev
ATR10		1.0
Date	Wednesday, February 06, 2002	Sheet 36 of 39

+1.8VP+-5%

1.8V/1.5V



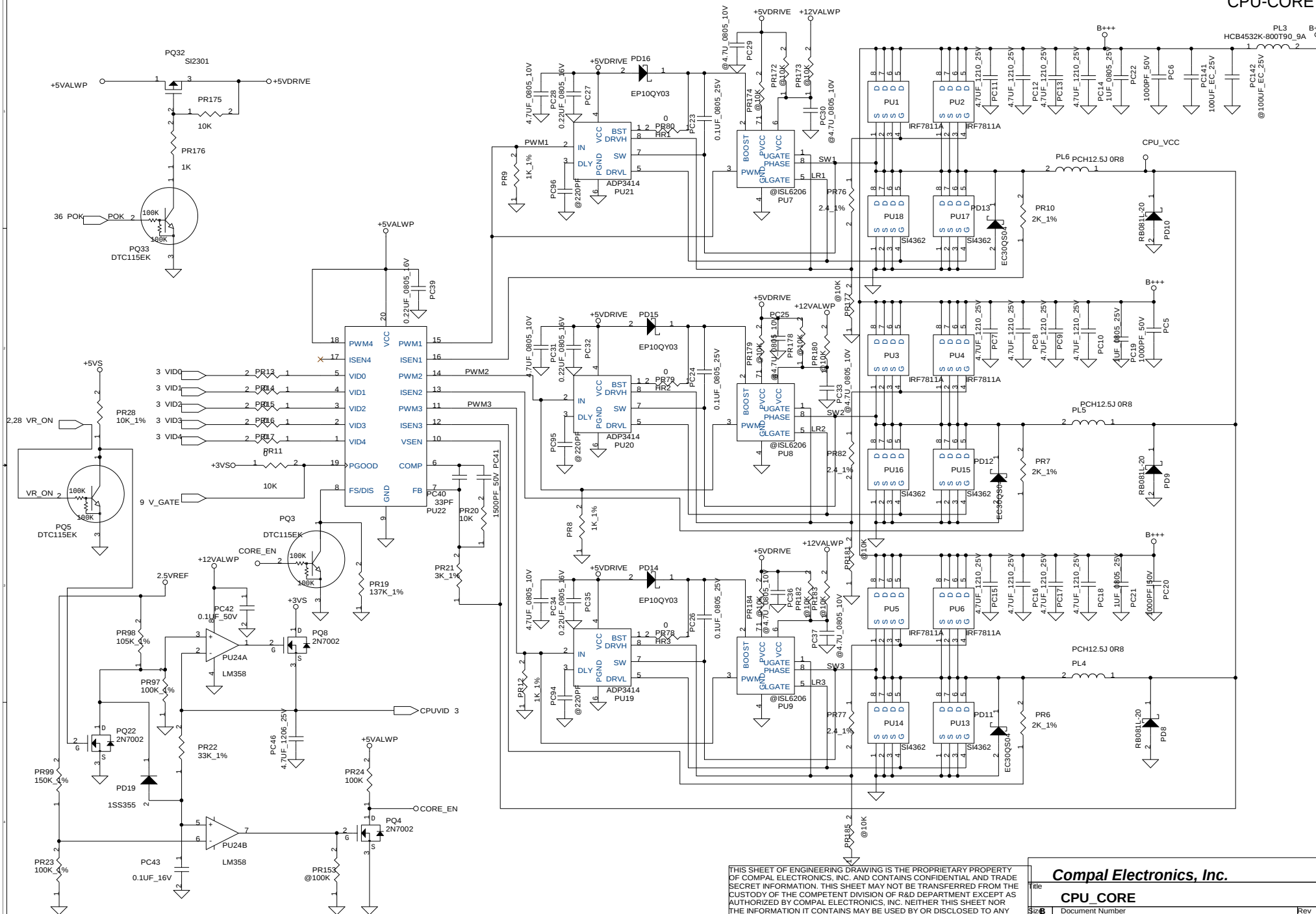
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Size	Document Number	ATR10	
B		Rev	1.0
Date: Wednesday, February 06, 2002 Sheet 37 of 39			

CPU-CORE



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CPU_CORE

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ATR10

Rev
1.0

ATR10 PIR LIST

HW PIR LIST

PWR PIR LIST

ATEST 9/6~			
1	+2.5V LEVEL ERROR	Remove R111 100ohm Change R108 from 100 to 0 ohm	P15
2	SDRAM BANK select error	Change CLK_SDRAM3 from U22.F3 to U22.E3 Change CLK_SDRAM5 from U22.H5 to U22.G5 Change RRAS#3 from U22.H7 to U22.F7 Change RRAS#5 from U22.G6 to U22.H6	P5
3	Add CPU VCCVID pin	Add R492 connect to U23.AF3	P3
4	TV OUT output error	Change CRMA from U8.AF15 to U8.AF16 Change LUMA from U8.AF16 to U8.AF15	P12
5	Add MK1707 output terminate Add low pass filter for	Add R494 22 ohm	P12
6	MK1707 power pin	Add L47	P12
7	Change VGA option resistor to jumper	Change R284 to J3 Change R286 to J4 Change R295 to J5 Change R296 to J6	P15
8	Reserve +2.5V option control	Add R495 for SYS0N control Add R496 for SUSP control	P15
9	Change LCD connector type	Change JP1	P16
10	Add TI TPS2842 for USB protect circuit	Add U56(TPS2842)	P25
BTEST			

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Size	Document Number		Rev
BE Custom	ATR10-1251		1.0
Date:	Wednesday, February 06, 2002	Sheet	39 of 39