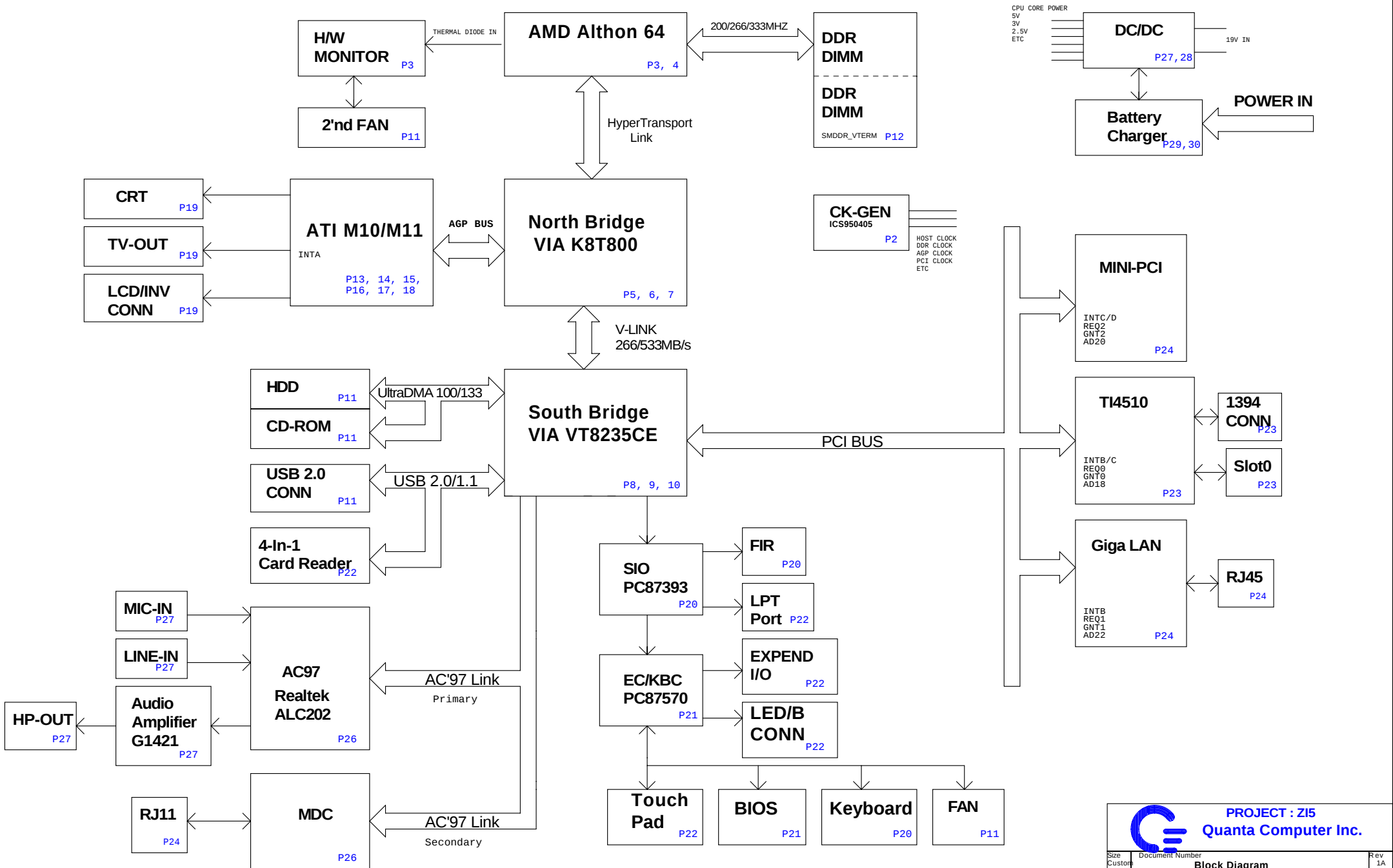
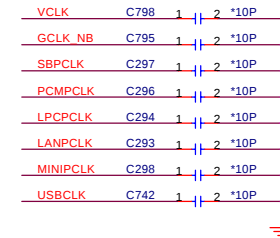
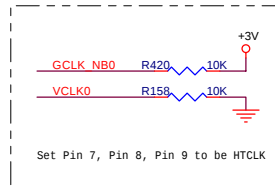
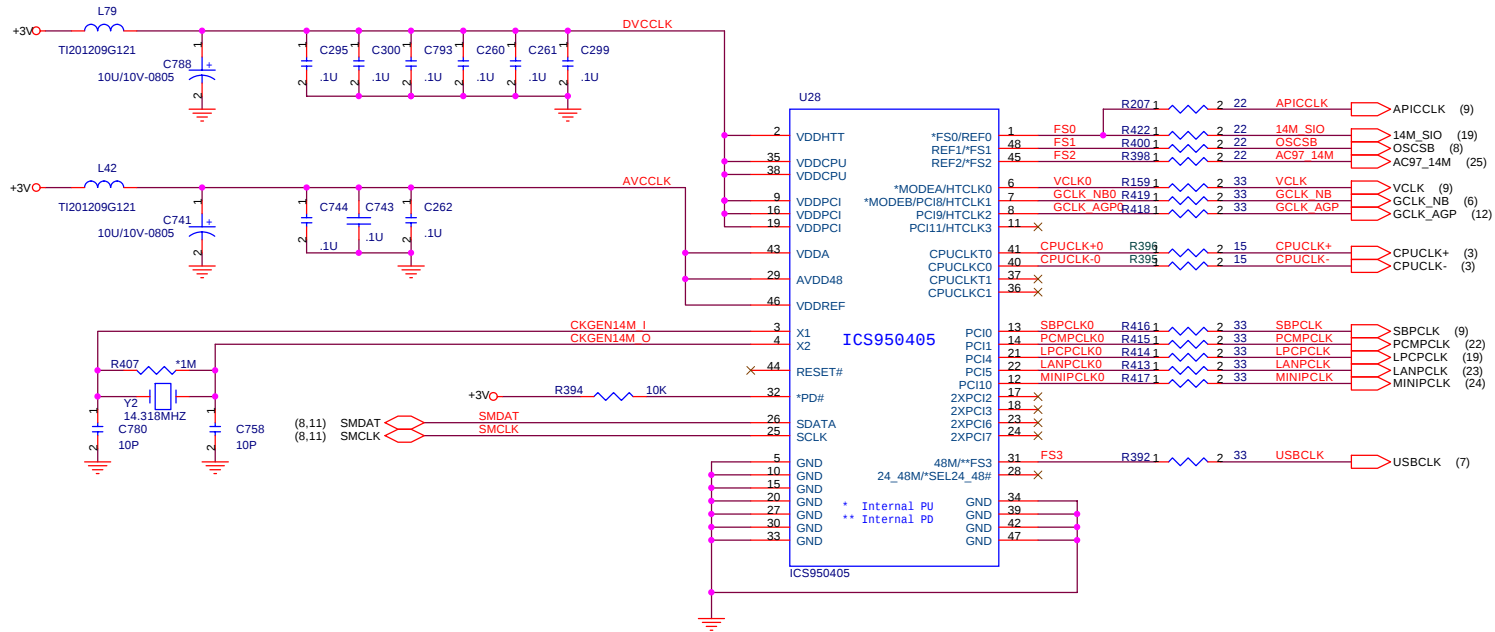
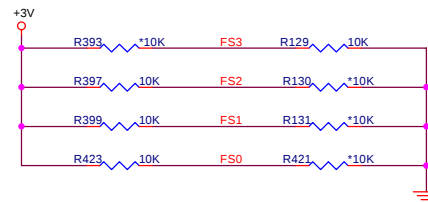


ZI5 SYSTEM BLOCK DIAGRAM

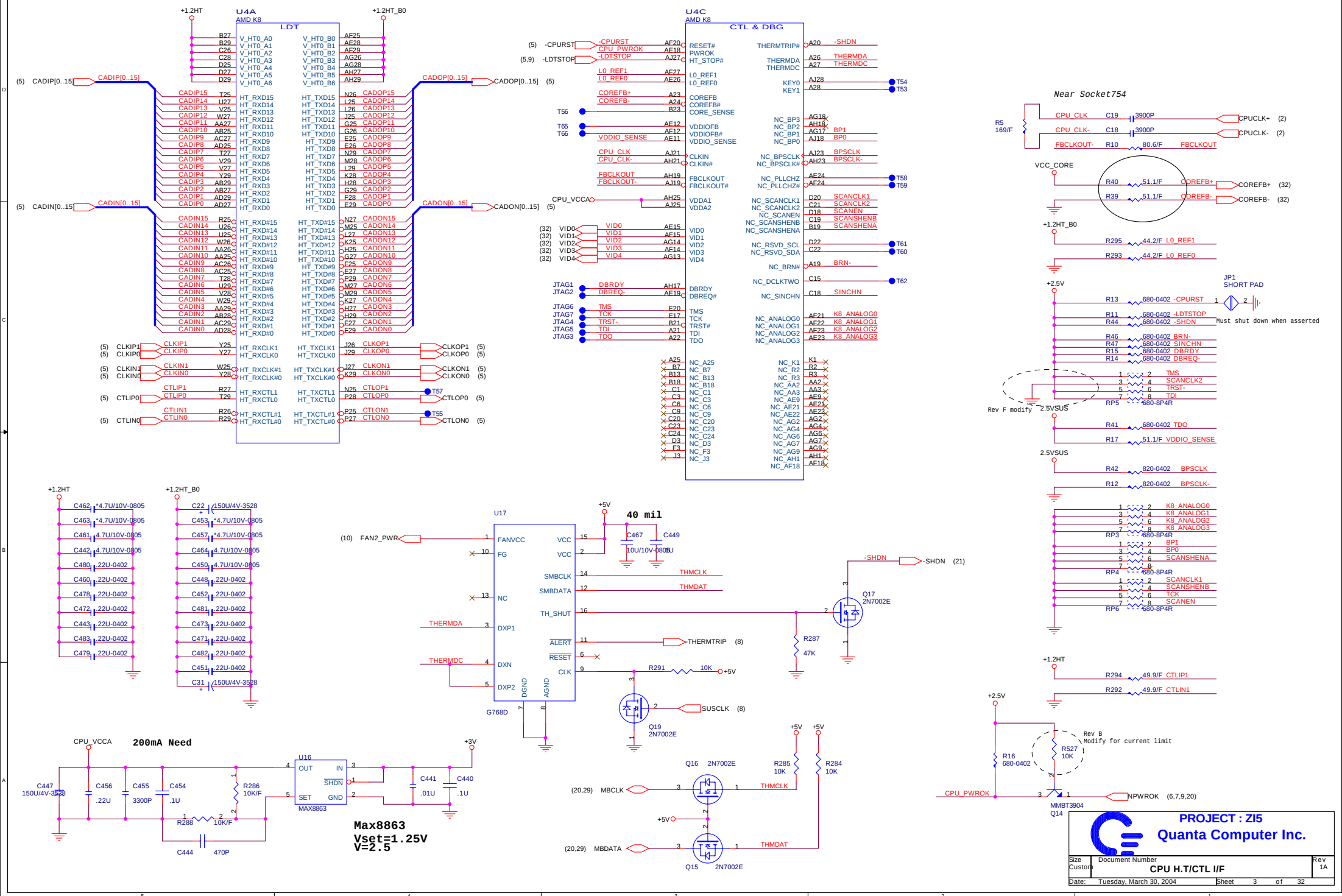




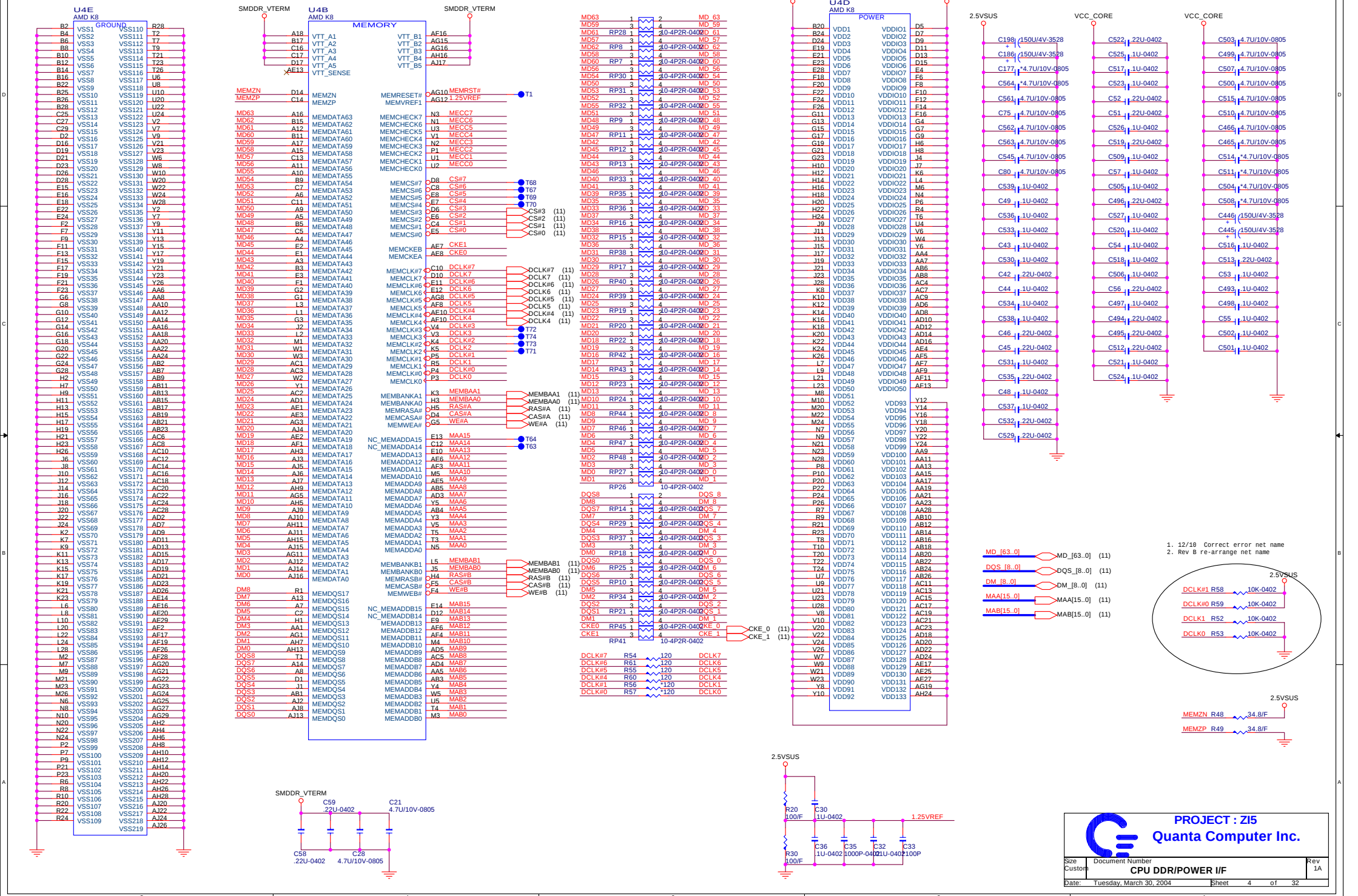
FS3	FS2	FS1	FS0	CPUCLK MHZ	HTT MHZ	PCCLK MHZ
0	0	0	0	100.00	67.27	33.63
0	0	0	1	133.90	66.95	33.48
0	0	1	0	168.00	67.32	33.60
0	0	1	1	202.00	67.32	33.67
0	1	0	0	100.00	66.70	33.10
0	1	0	1	133.90	66.70	33.18
0	1	1	0	168.00	66.70	33.34
0	1	1	1	202.00	66.70	33.40
1	0	0	0	150.00	66.00	33.00
1	0	0	1	180.00	66.00	33.00
1	0	1	0	210.00	66.00	33.00
1	0	1	1	240.00	66.00	33.00
1	1	0	0	270.00	66.70	33.00
1	1	0	1	300.00	66.70	33.00
1	1	1	0	330.00	66.70	33.00
1	1	1	1	360.00	66.70	33.00

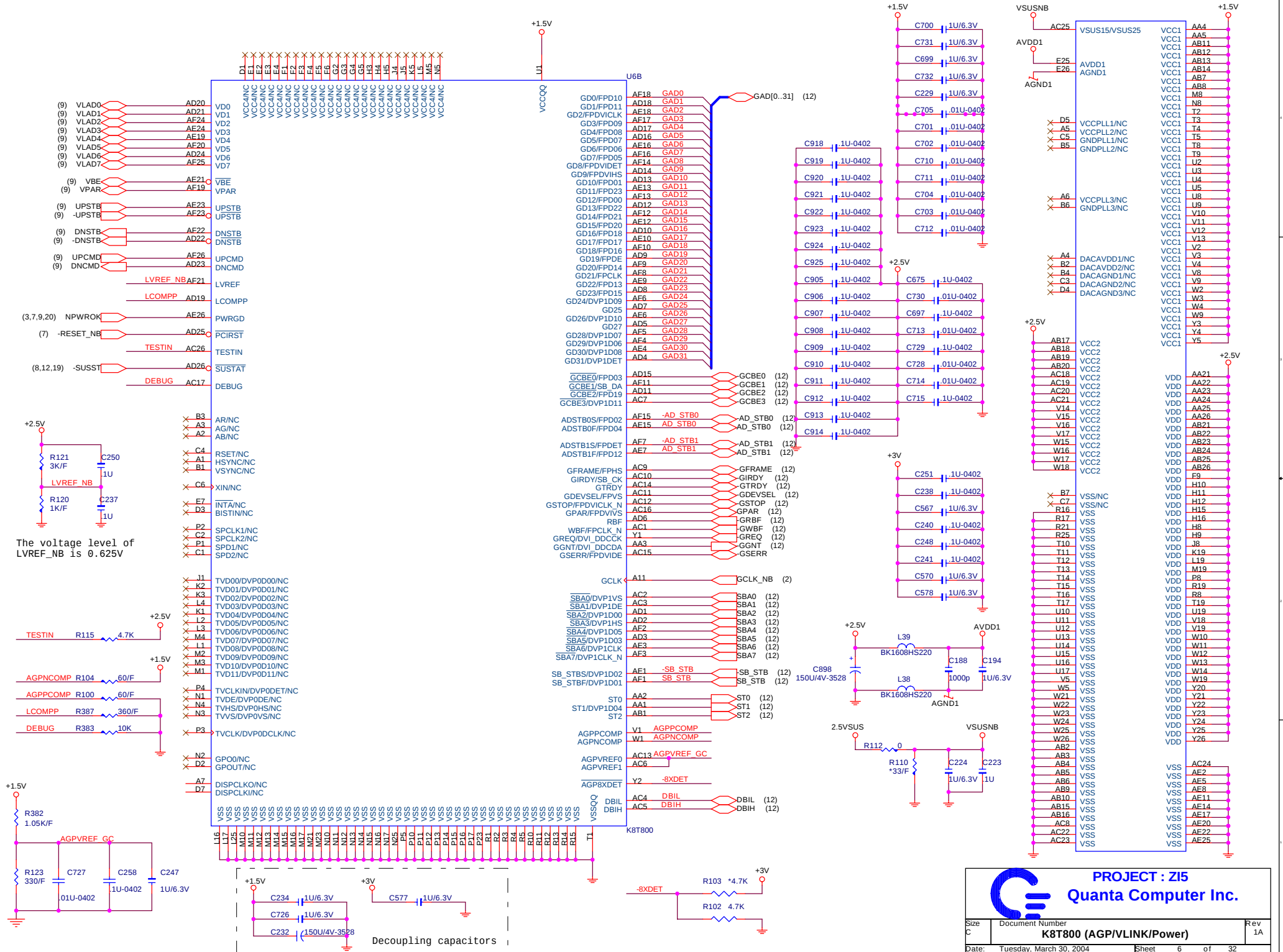


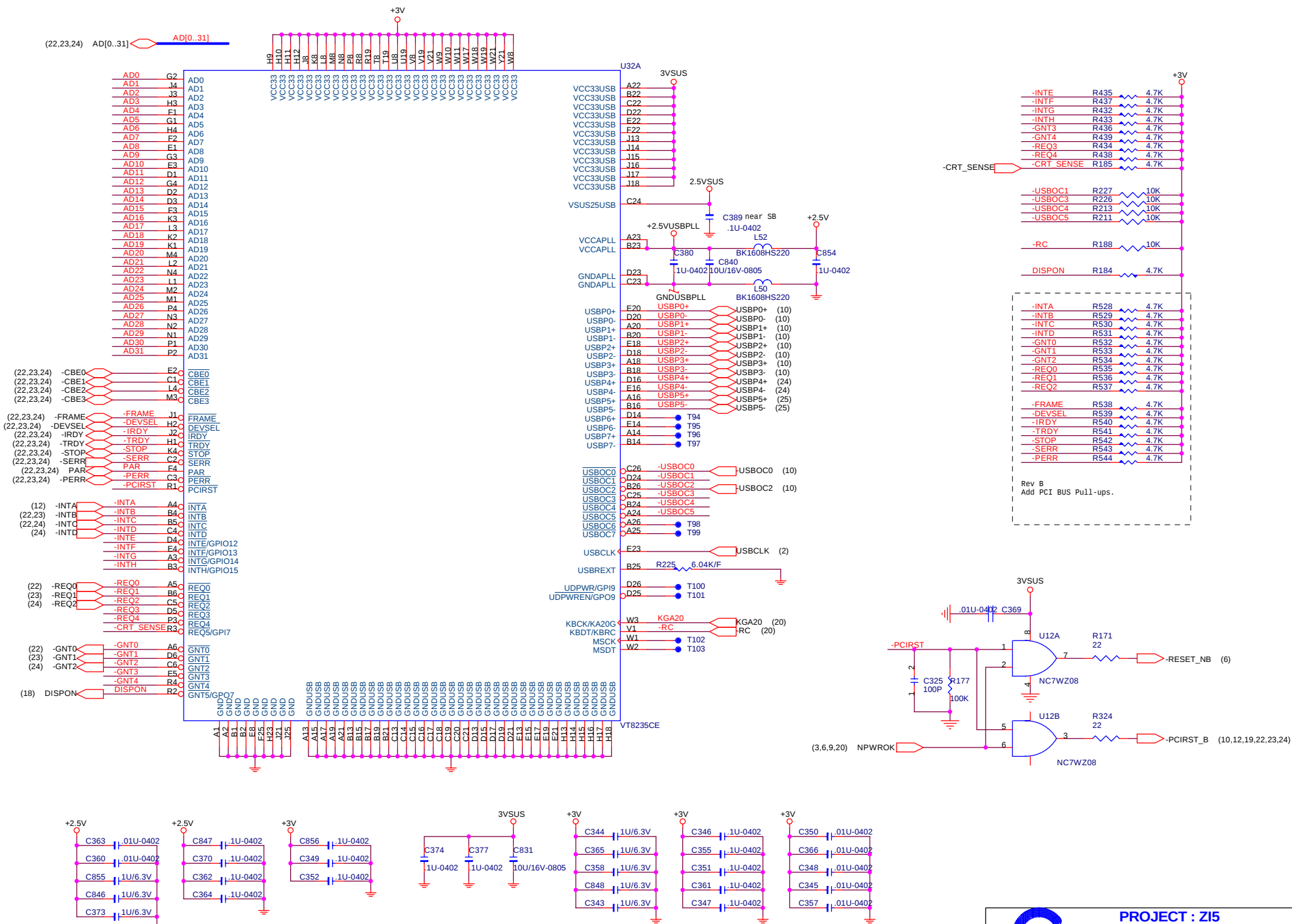
CPU H.T/CTL I/F



CPU DDR/POWER I/F

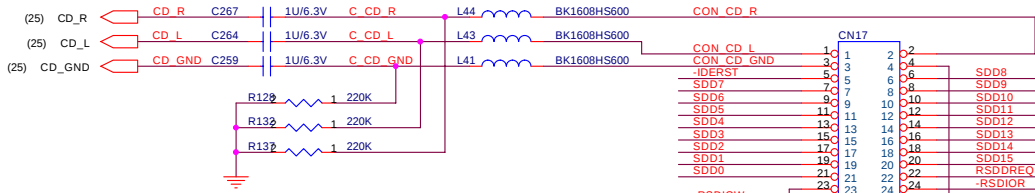




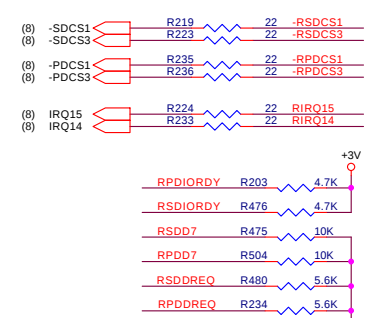
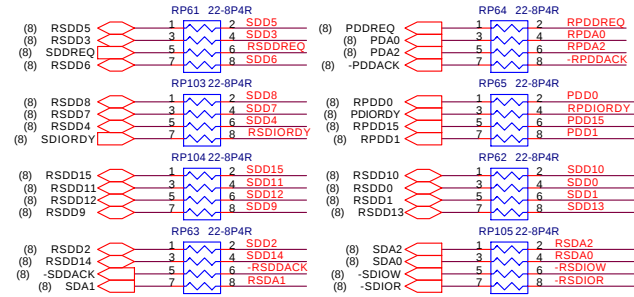
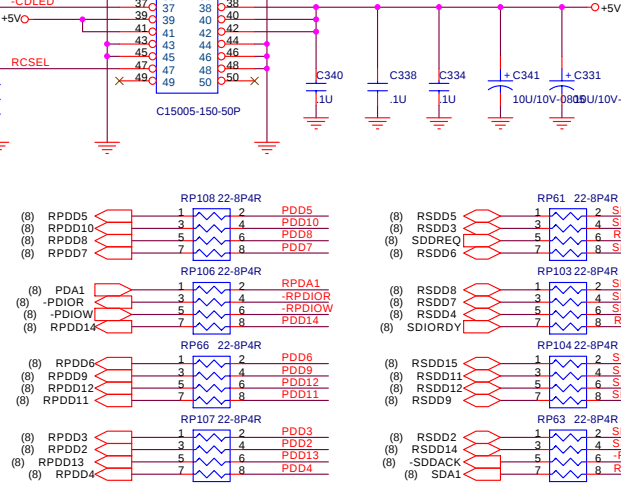
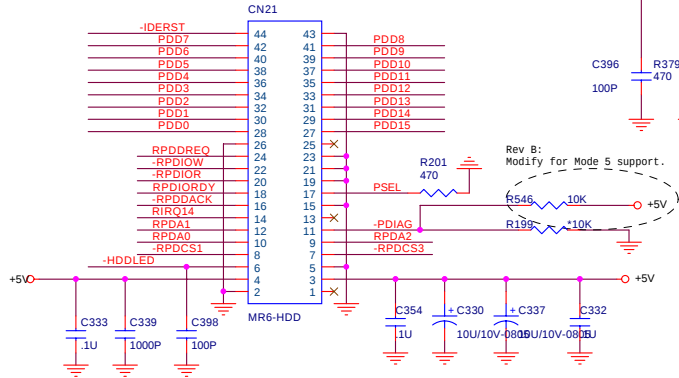


PROJECT : ZI5
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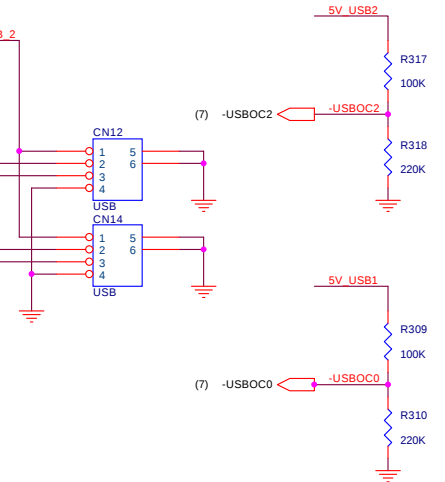
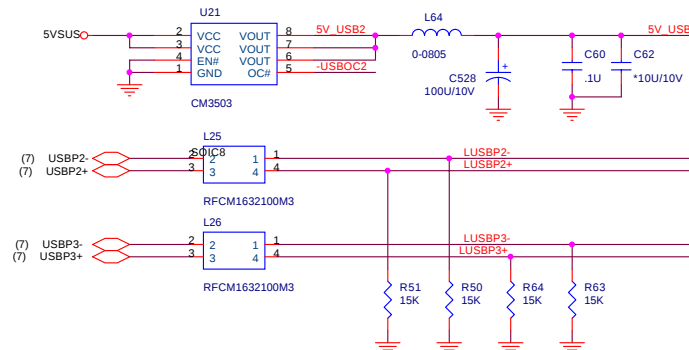
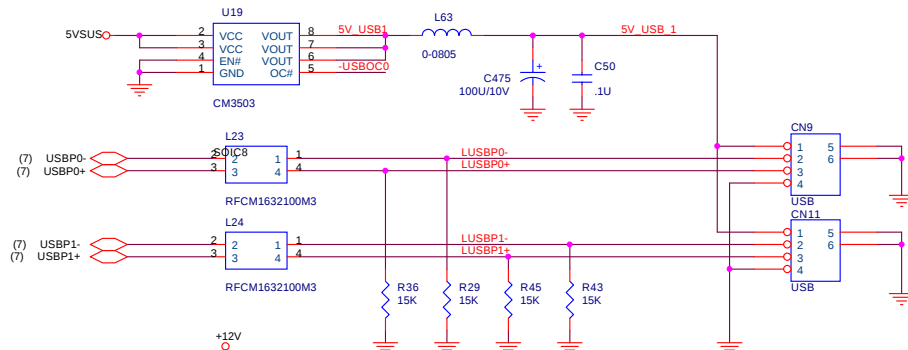
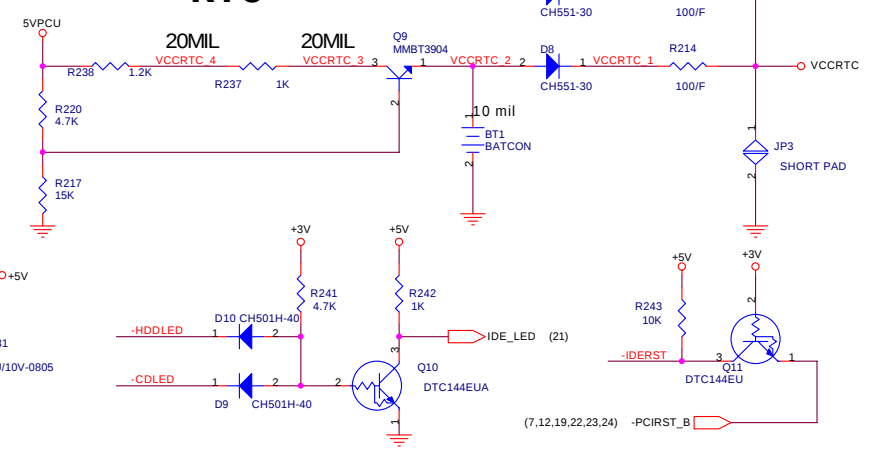
ODD CONNECTOR



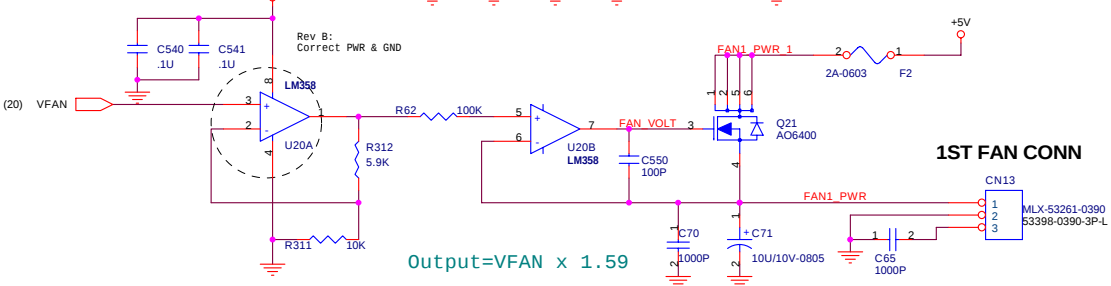
HDD connector



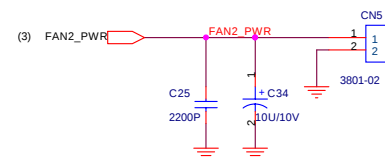
RTC



1ST FAN CONN

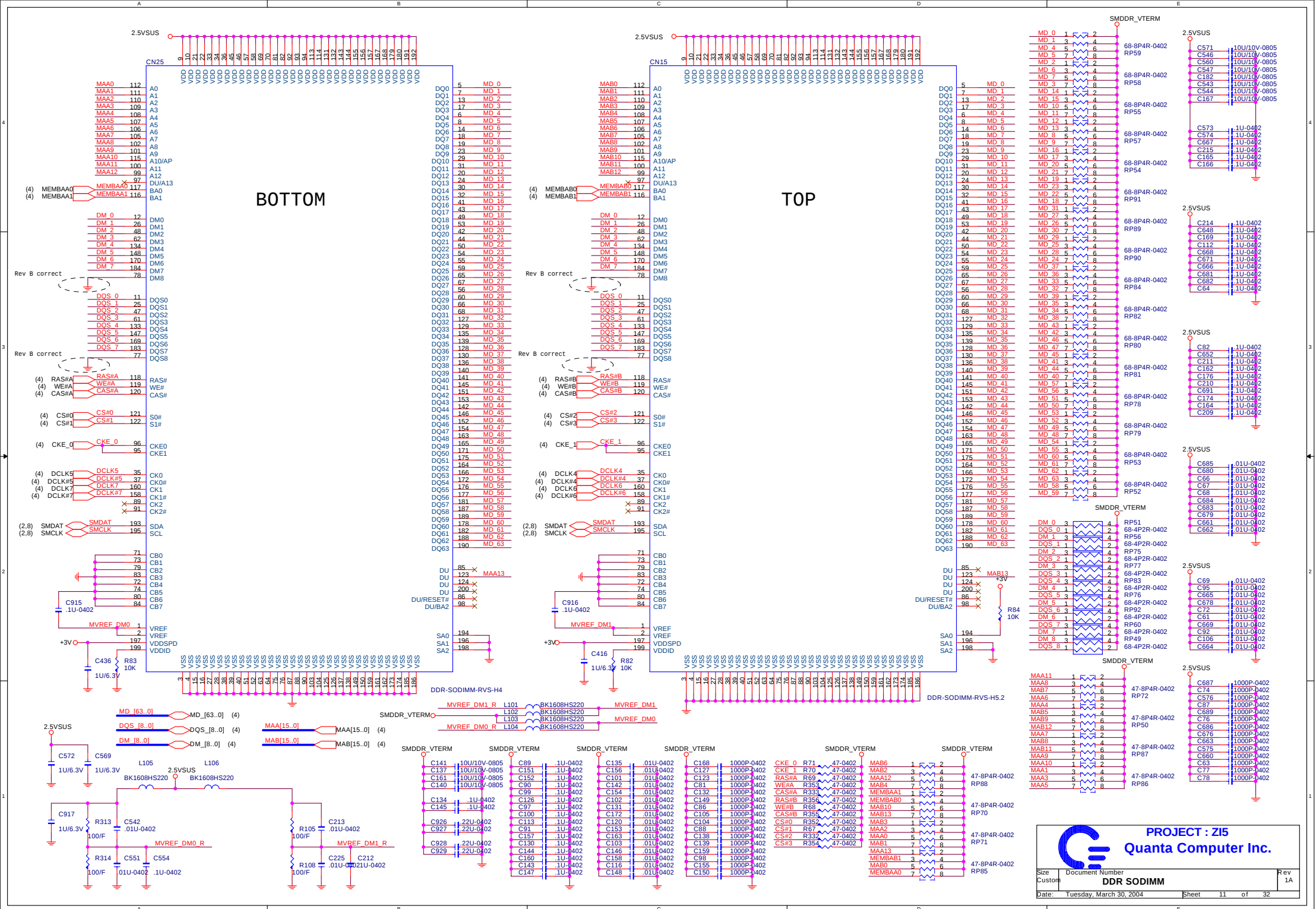


Second FAN

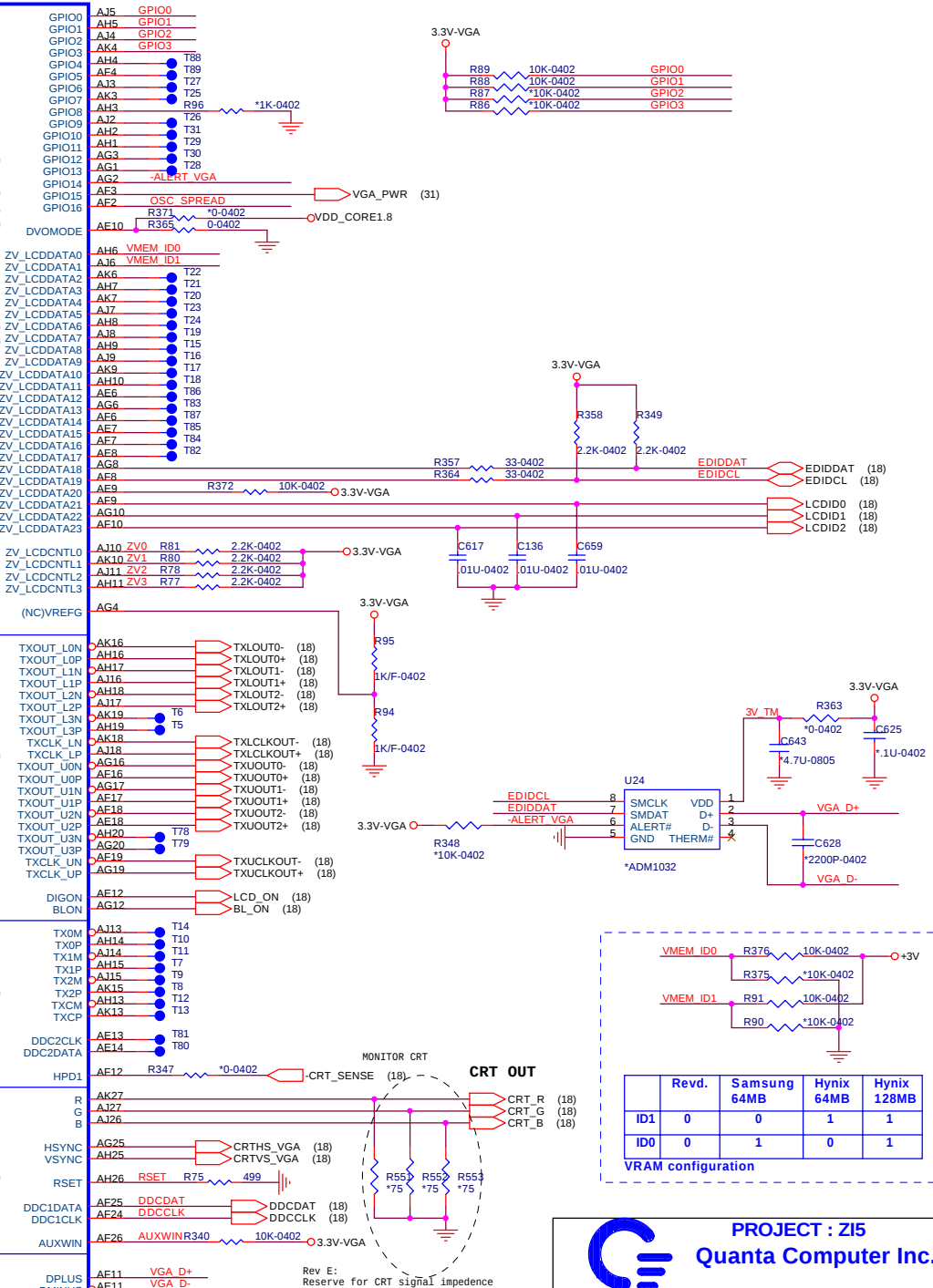
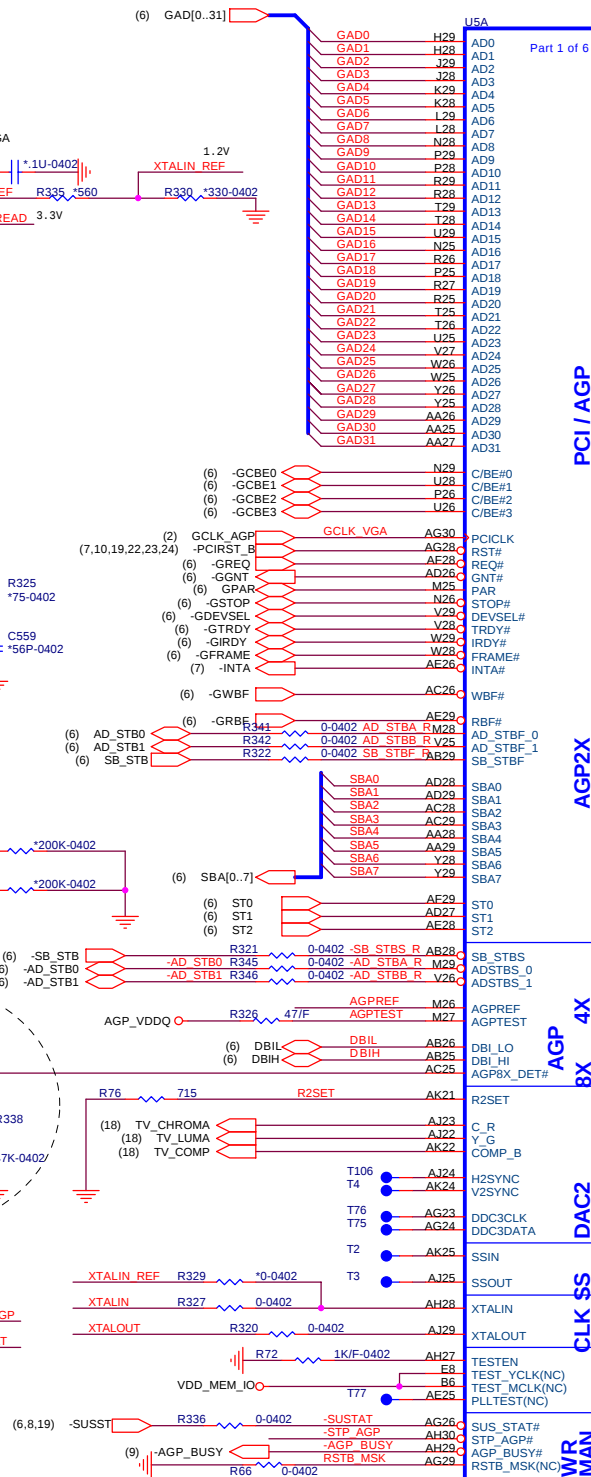
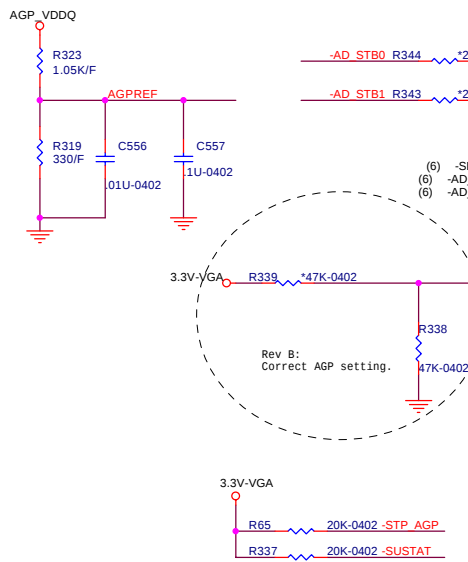


PROJECT : ZI5
Quanta Computer Inc.

Size Custom	Document Number IDE/RTC/USB/FAN	Rev 1A
Date: Tuesday, March 30, 2004	Sheet 10 of 32	

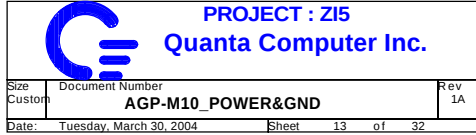


Place Y1 and caps close to GPU



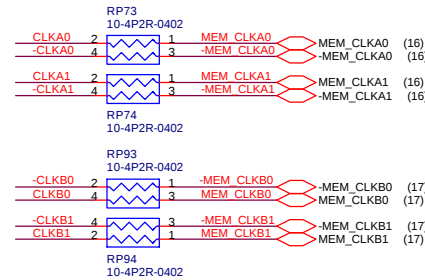
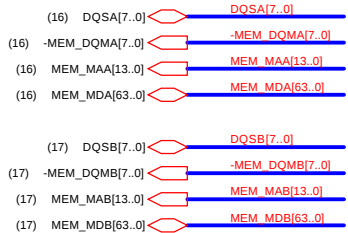
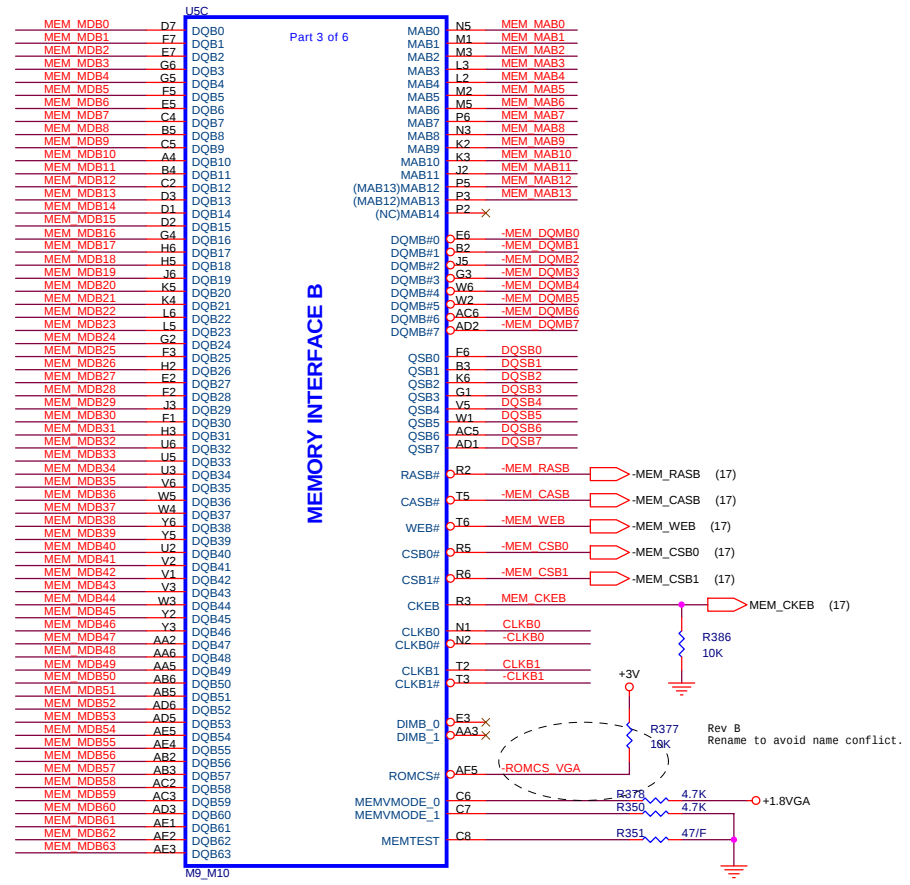
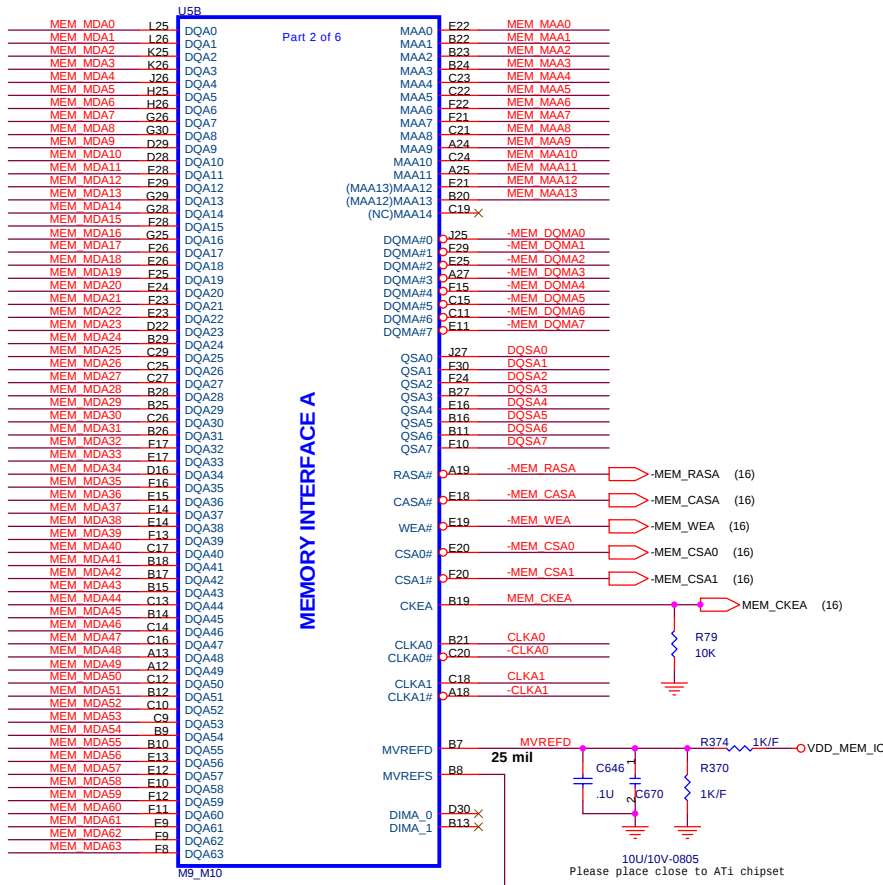
	Rev'd.	Samsung 64MB	Hynix 64MB	Hynix 128MB
ID1	0	0	1	1
ID0	0	1	0	1

 PROJECT : ZI5
Quanta Computer Inc.



MEMORY CHANNEL A

MEMORY CHANNEL B

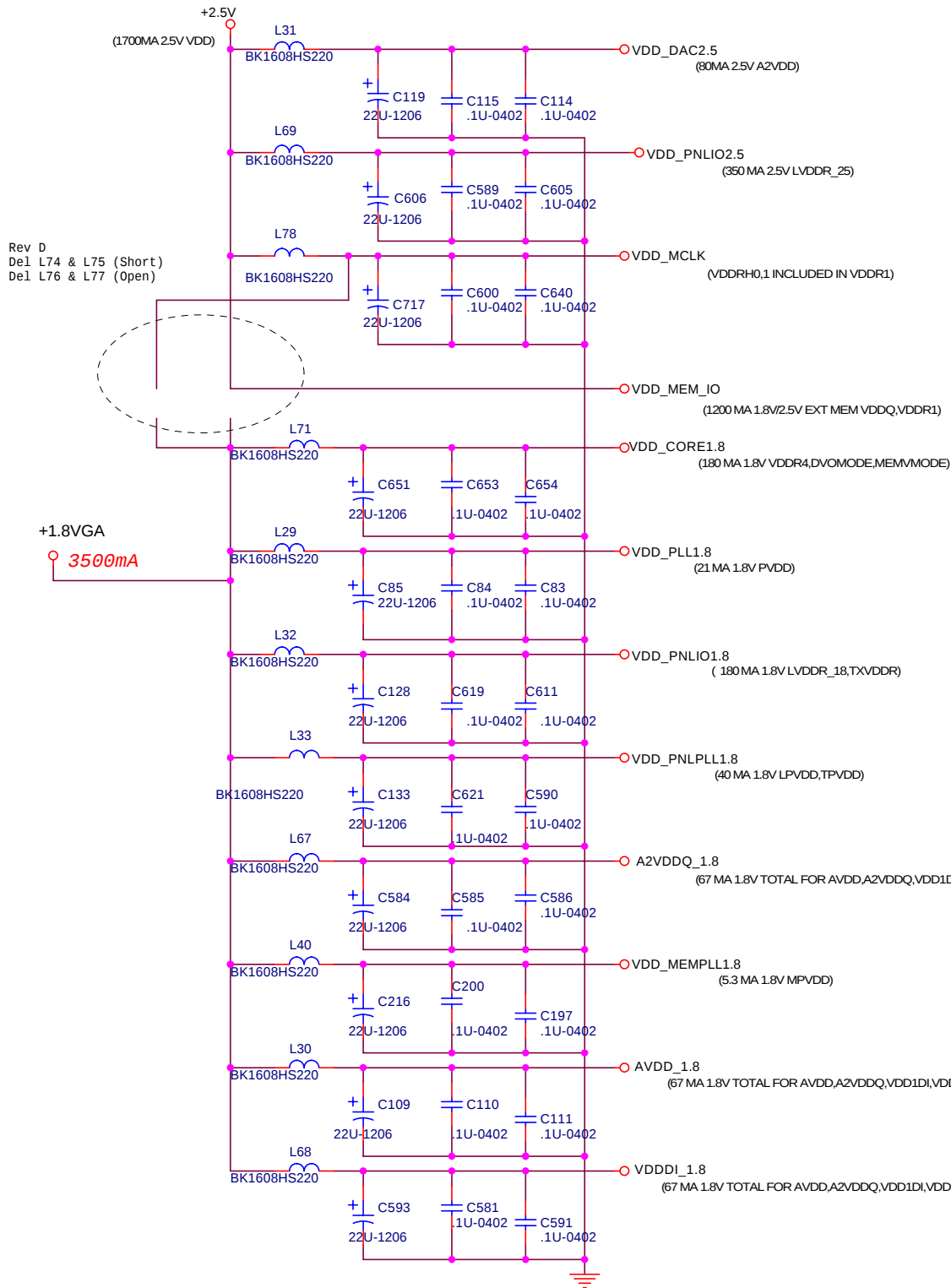


MEMVMODE[1:0]	MEMORY IO VOLTAGE
0 1	2.5V (DDR)
1 0	1.8V (DDR)
1 1	3.3V (SDR)

PROJECT : ZI5
Quanta Computer Inc.

Size: Custom Document Number: AGP-M10_VRAM I/F Rev 1A

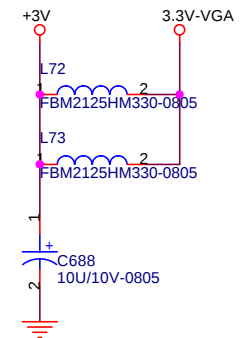
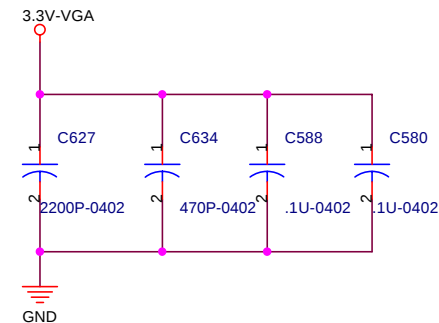
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VDDRH, VDDQ AND VDDR1 VOLTAGE SELECTION

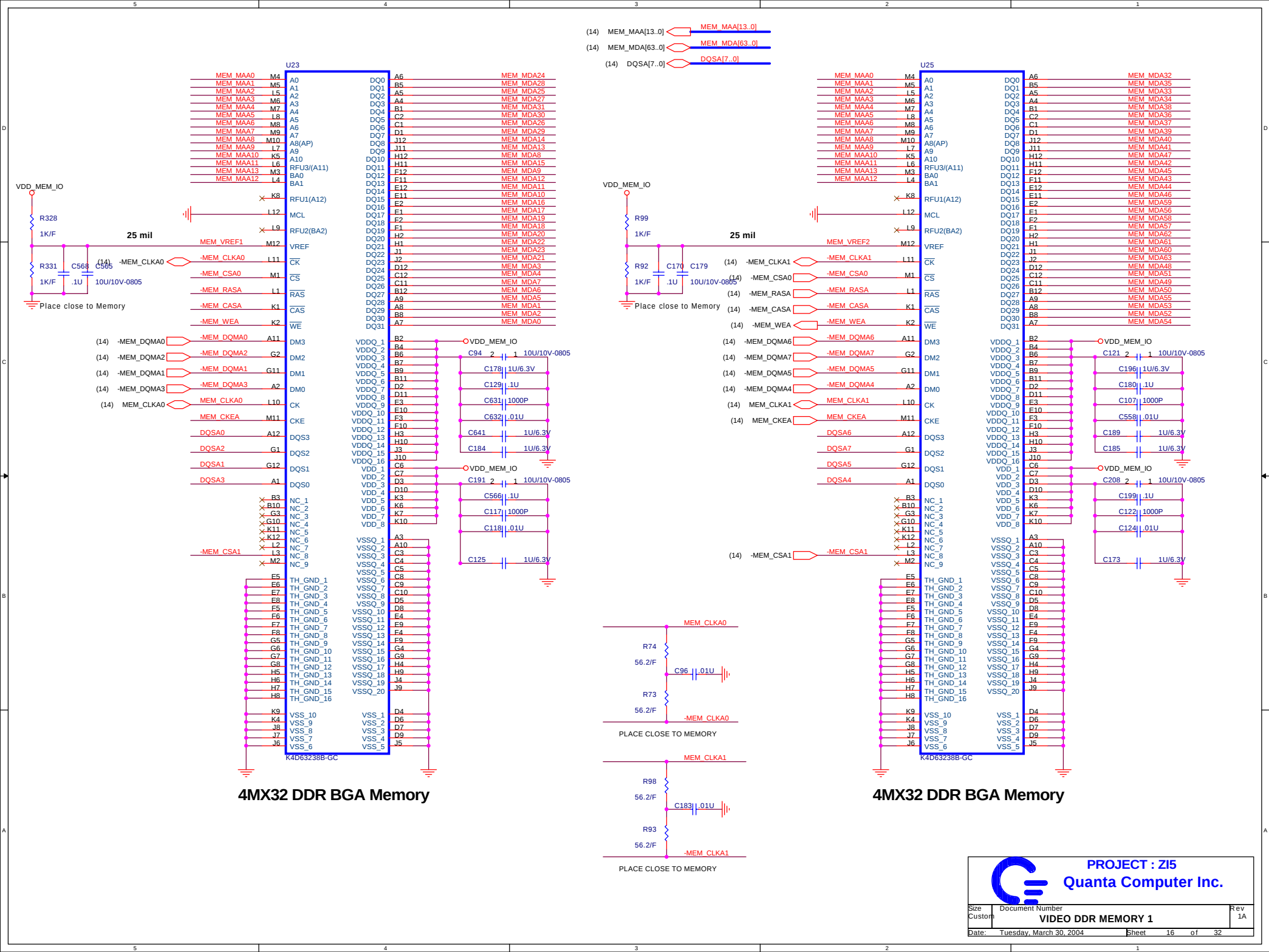
VDD_MEM_IO	FBa	FBb	FBc	FBd
1.8V (ELPIDA)	IN	OUT	OUT	IN
25V	OUT	IN	IN	OUT

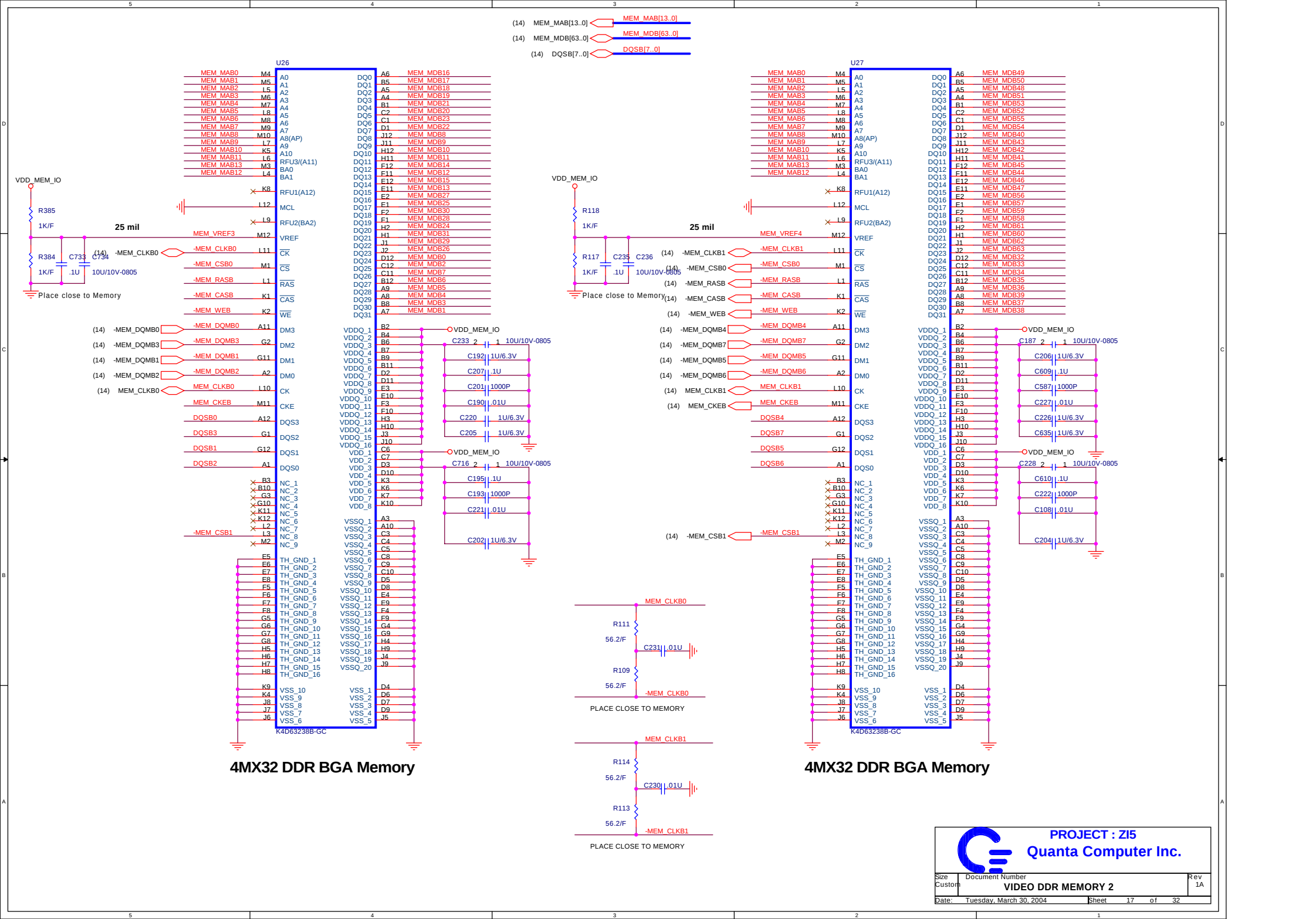
PLACE CAPS FOR THESE GROUNDS CLOSE TO ASIC AND RUN DEDICATED TRACES FROM PINS THAT JOIN TO GROUND PLANE WITH ONE VIA AT CAP



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Quanta Computer Inc.

Size Custom	Document Number VGA POWER	Rev 1A
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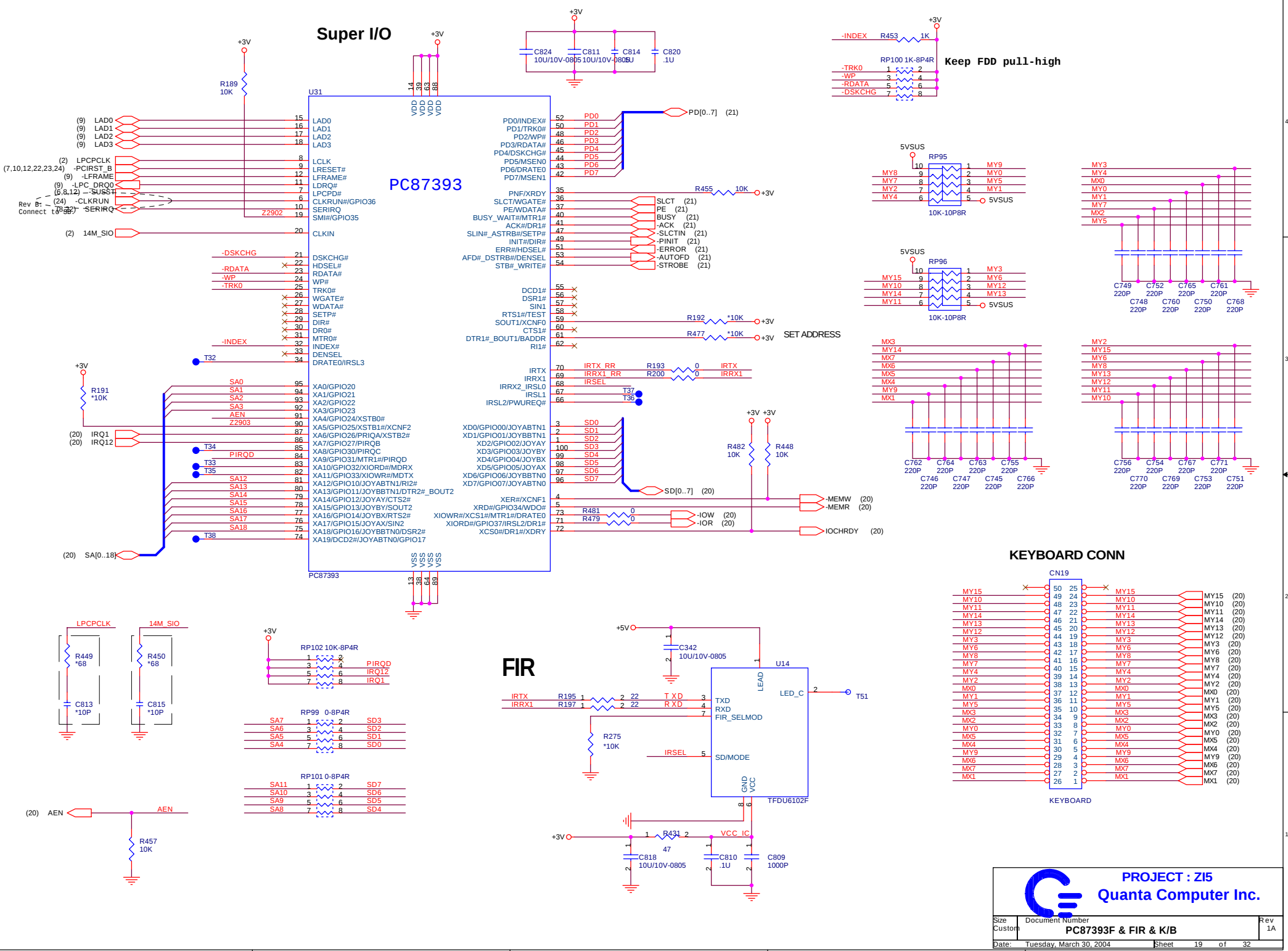
Super I/O

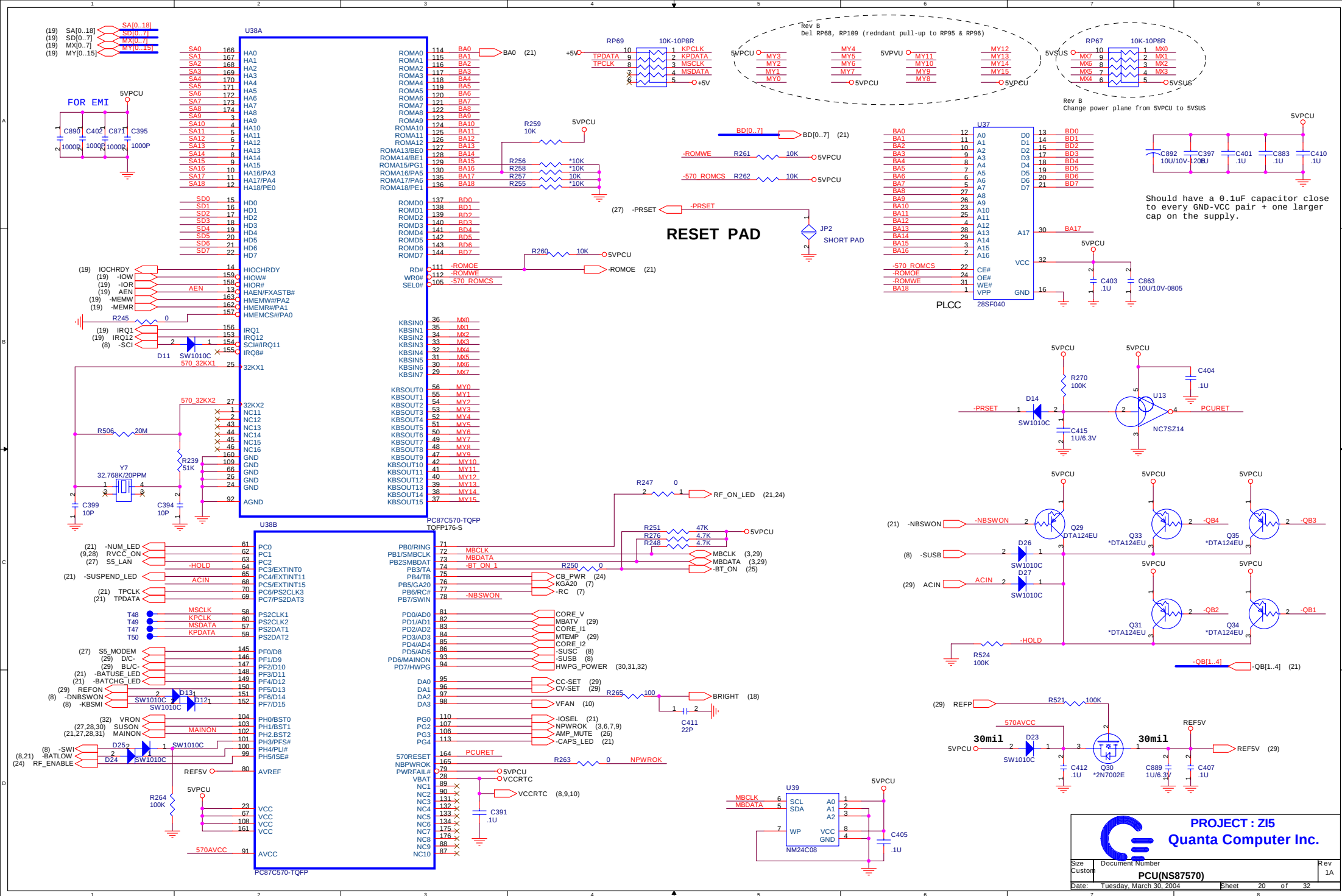
PC87393

FIR

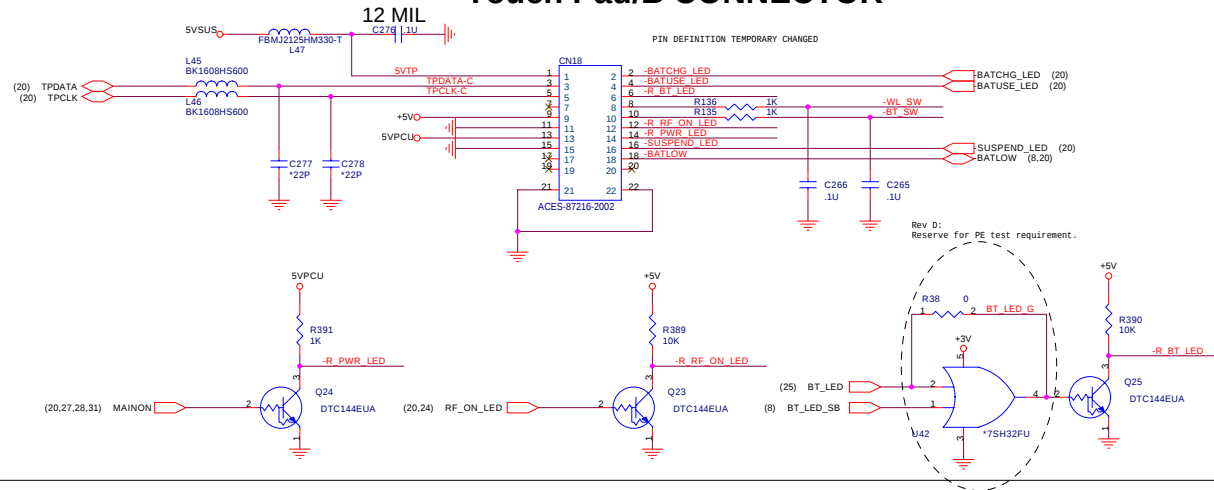
KEYBOARD CONN

PROJECT : Z15
Quanta Computer Inc.

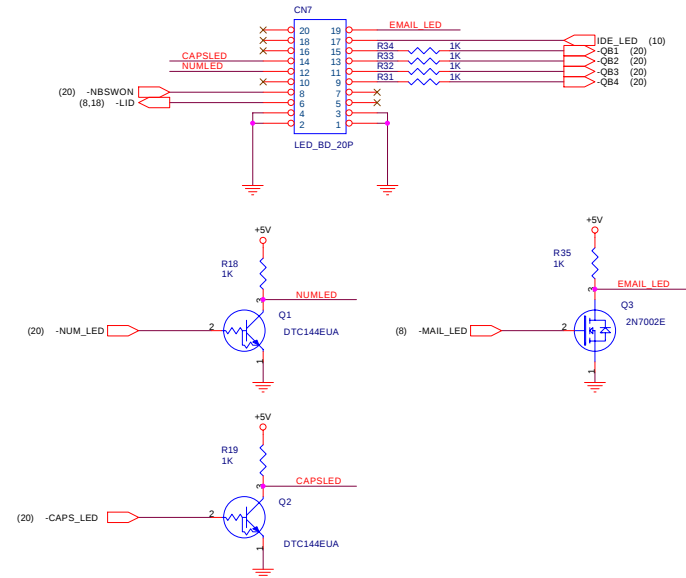




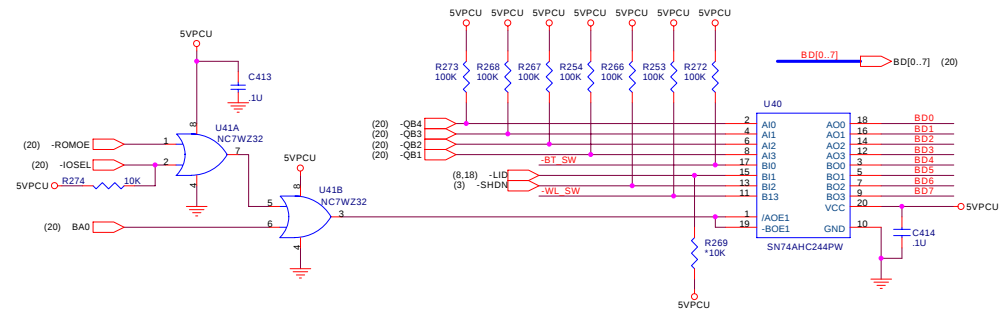
Touch Pad/B CONNECTOR



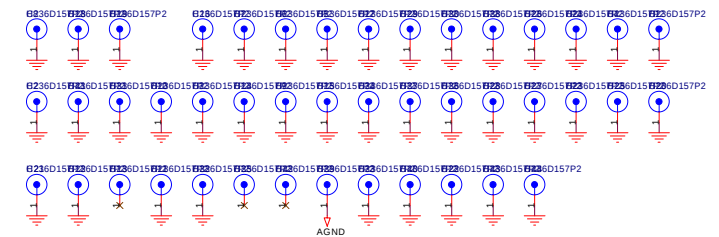
LED/B CONNECTOR



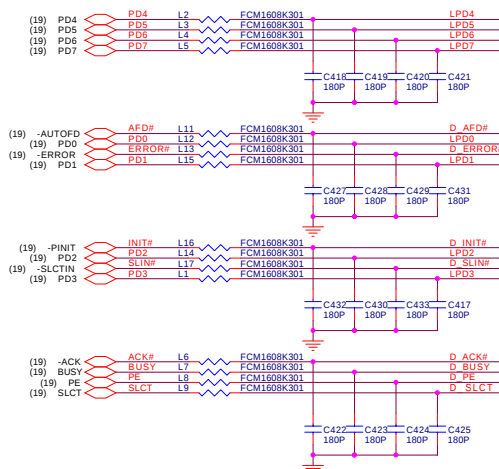
570 EXPEND I/O



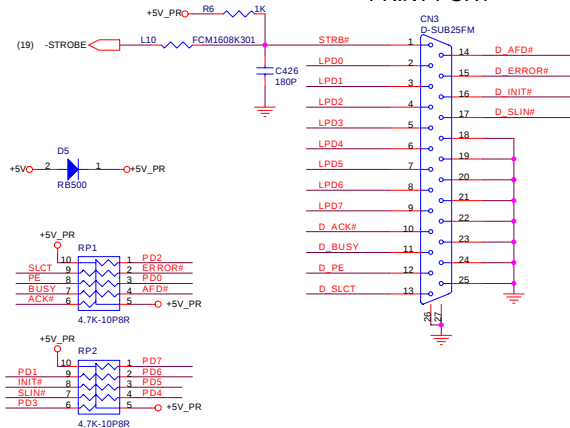
Screw Holes



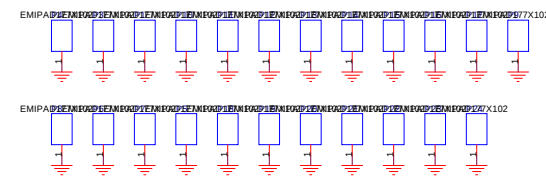
LPT

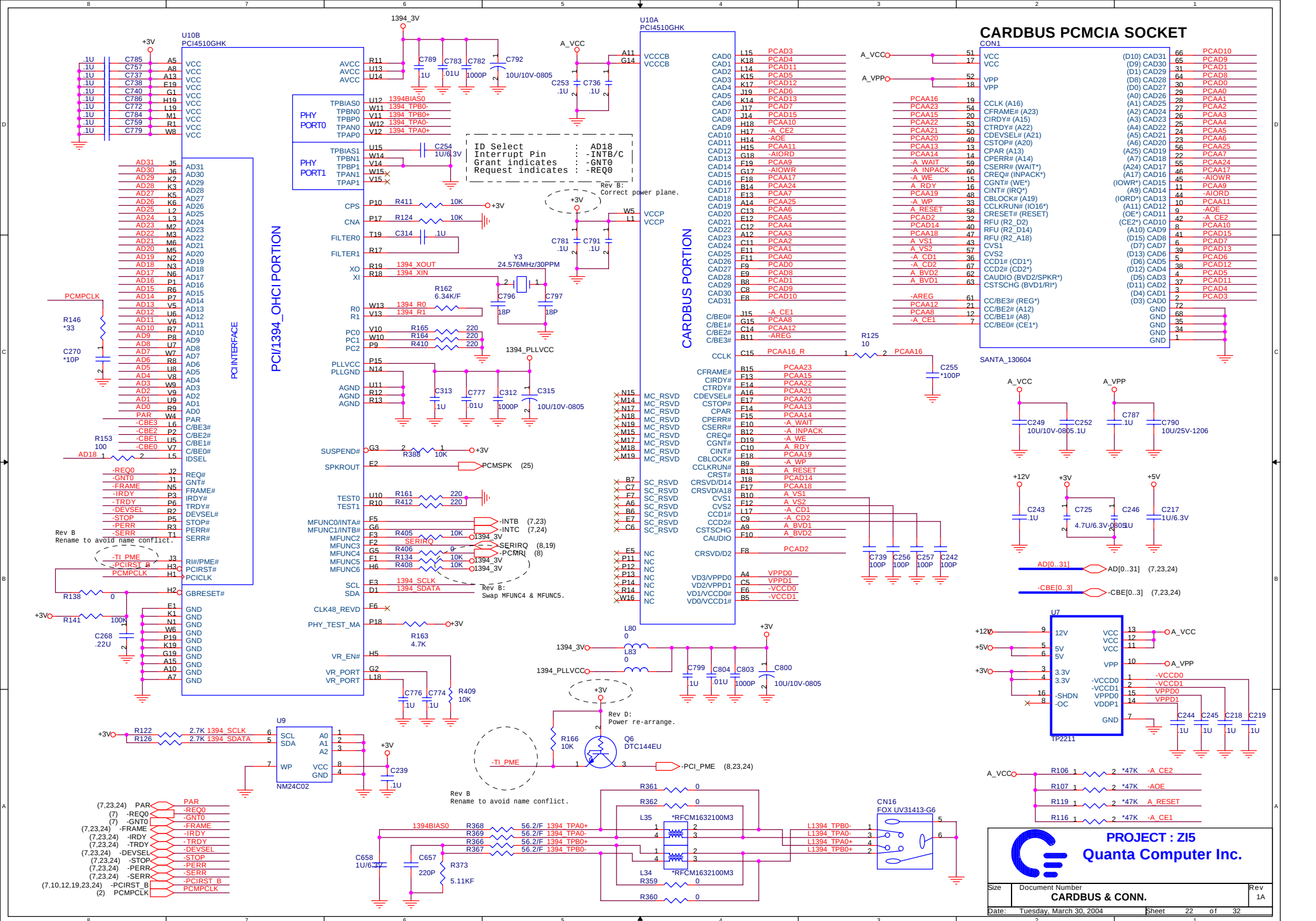


PRINT PORT

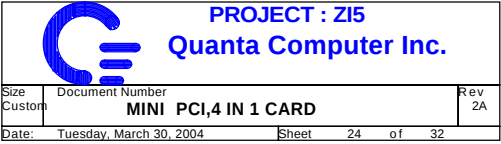


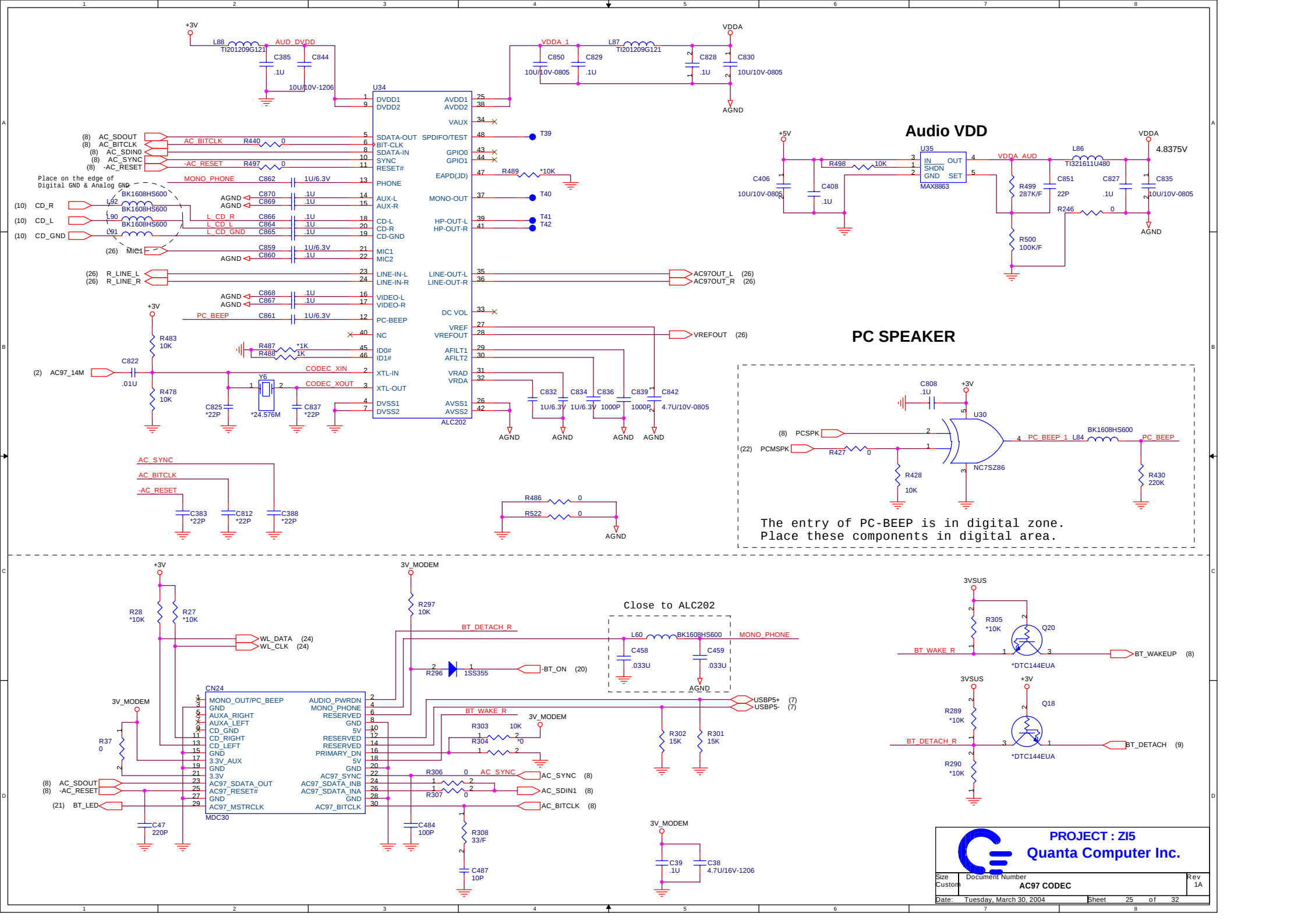
EMI Pads



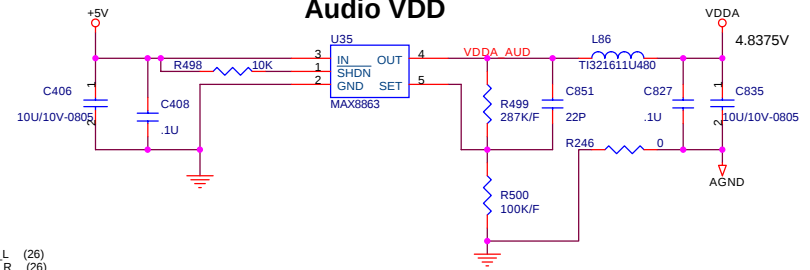


TYPE III MINI PCI SOCKET

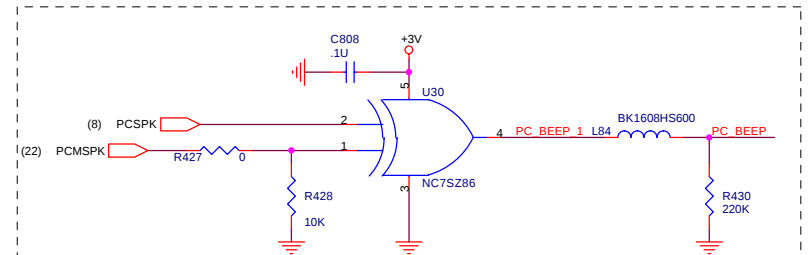




Audio VDD

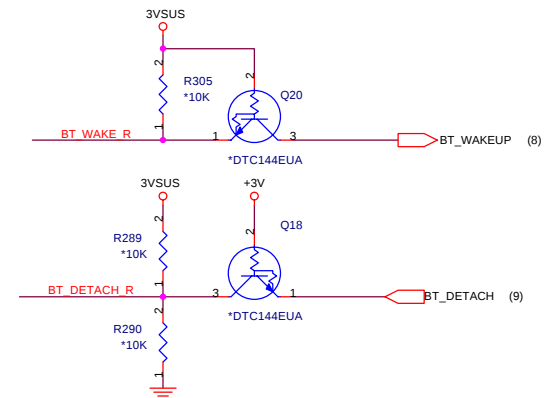
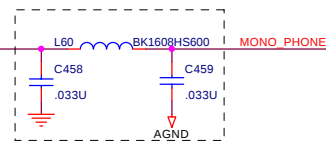


PC SPEAKER



The entry of PC-BEEP is in digital zone.
Place these components in digital area.

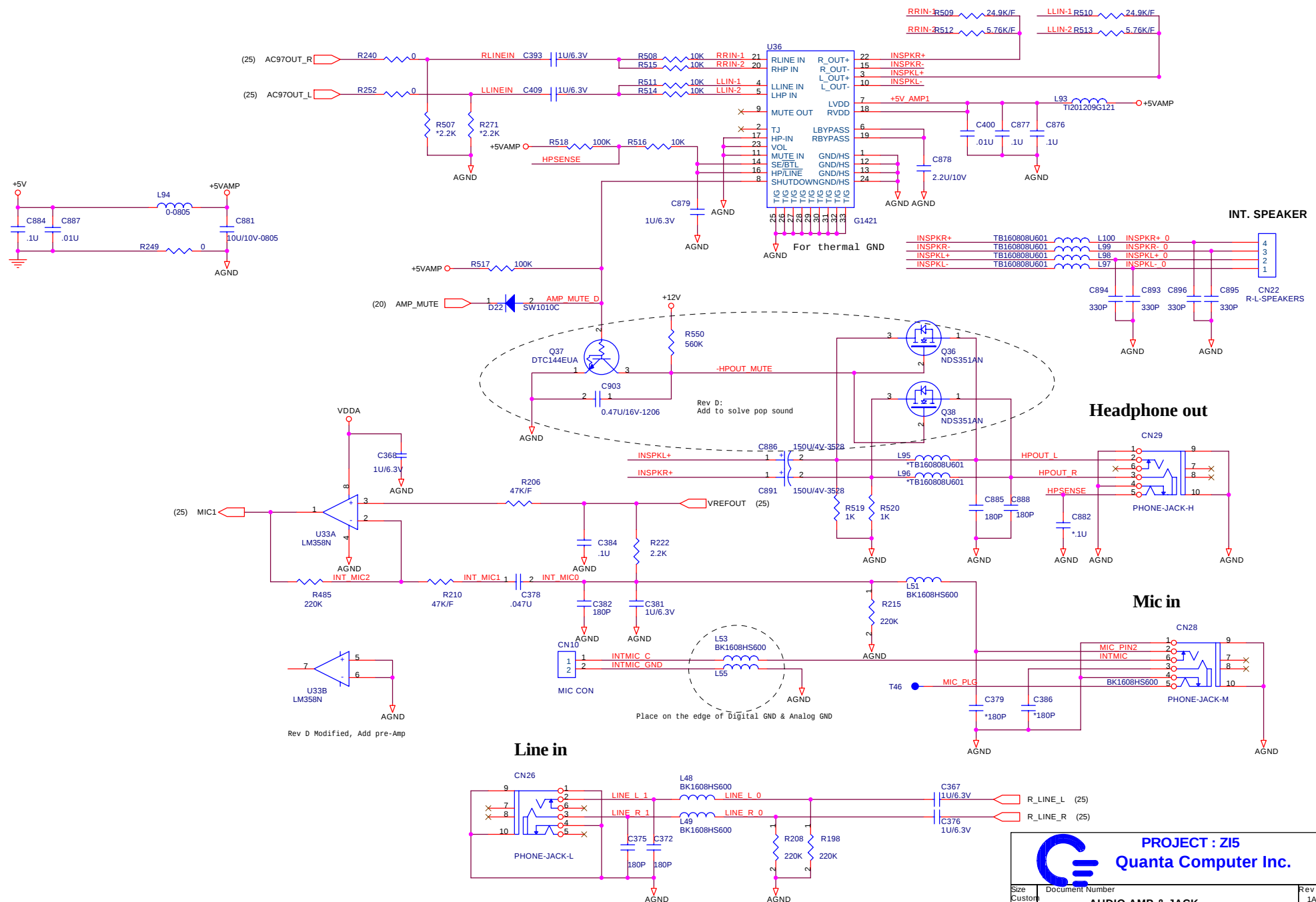
Close to ALC202

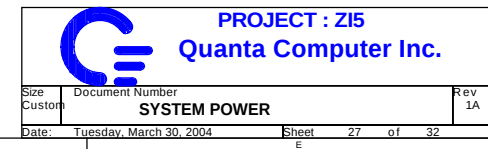


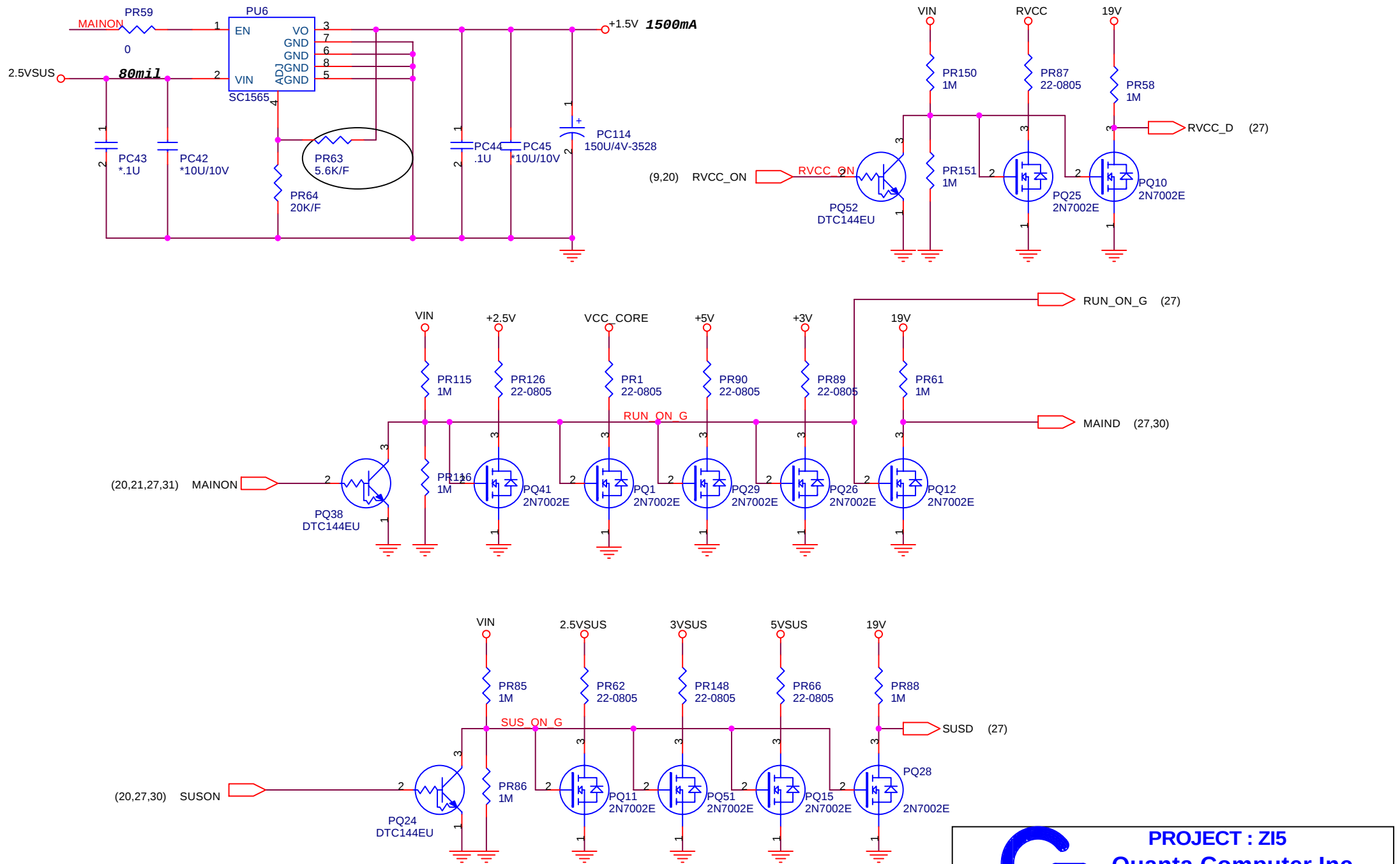
PROJECT : Z15
Quanta Computer Inc.

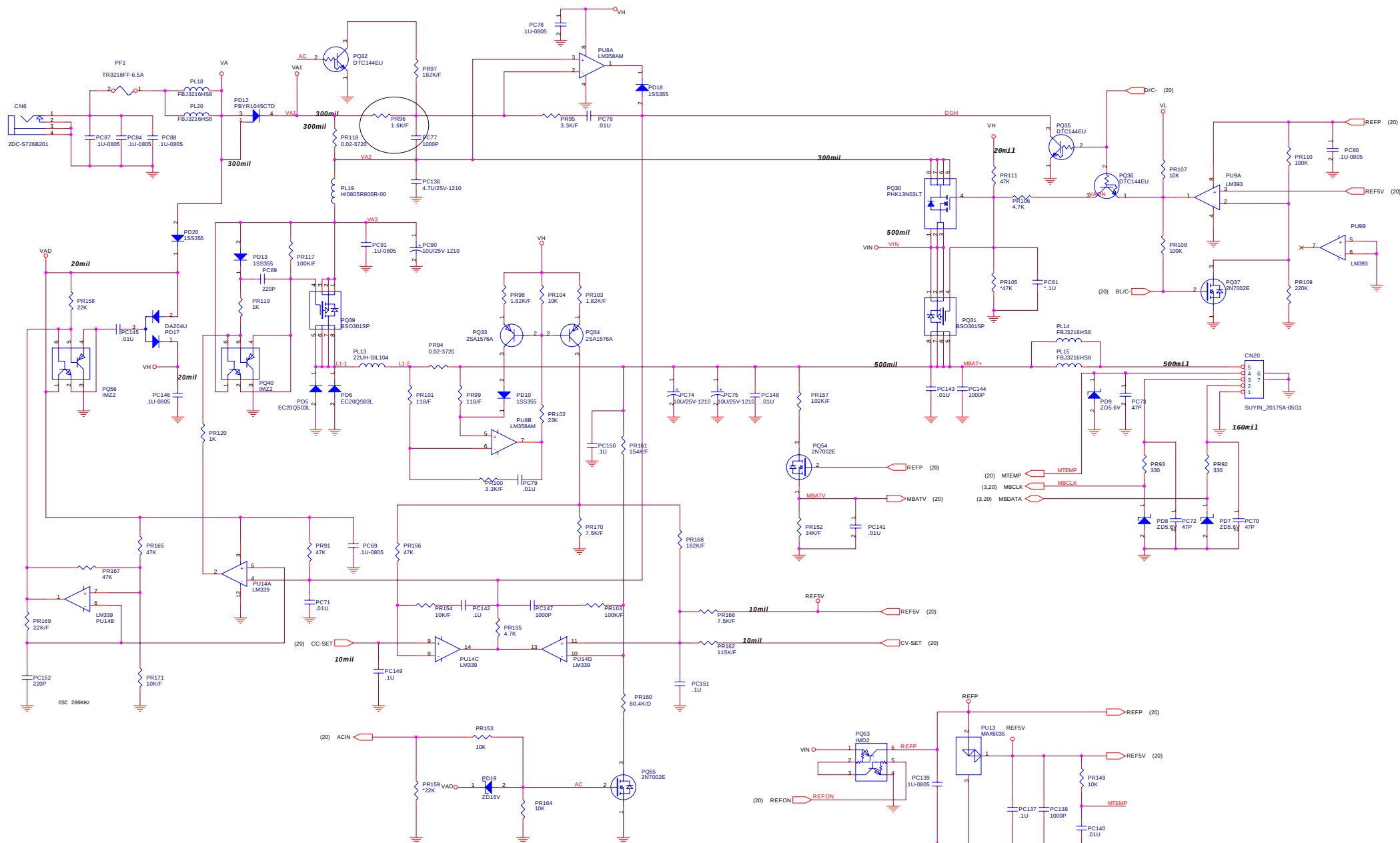
Size	Document Number	Rev
Custom	AC97 CODEC	1A
Date:	Tuesday, March 30, 2004	Sheet 25 of 32

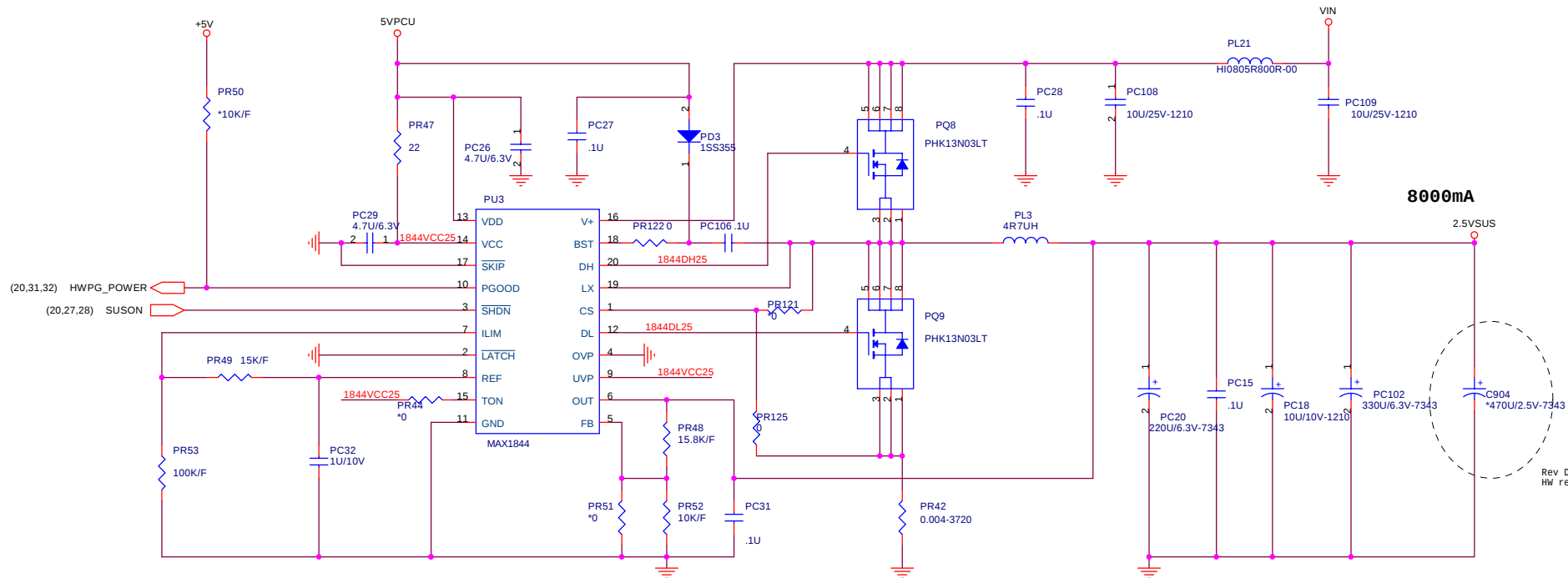
Audio amplifier



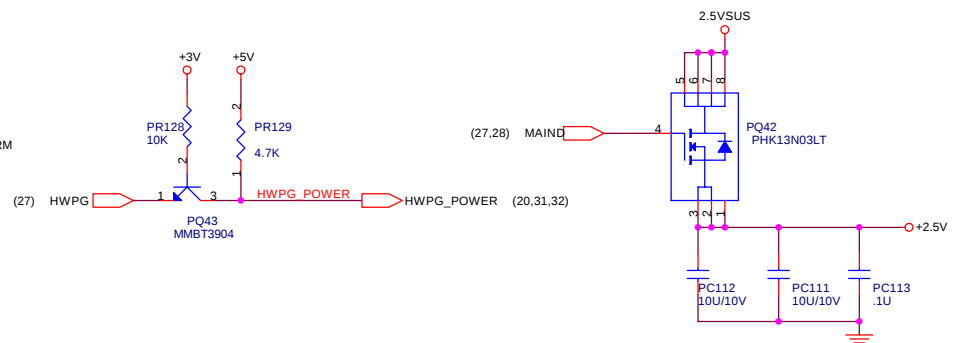
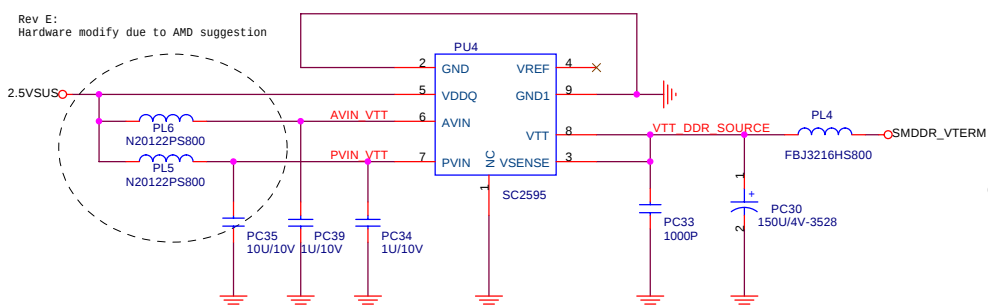


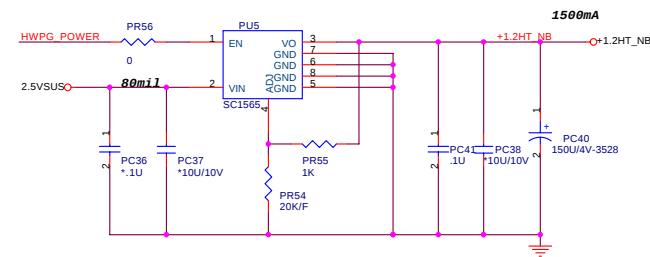
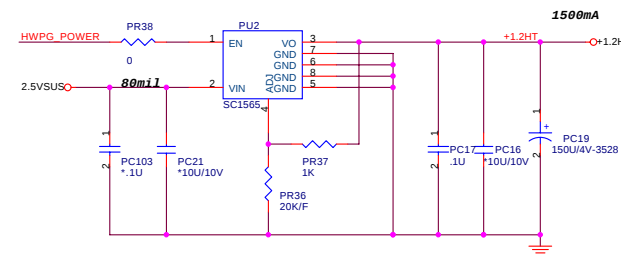
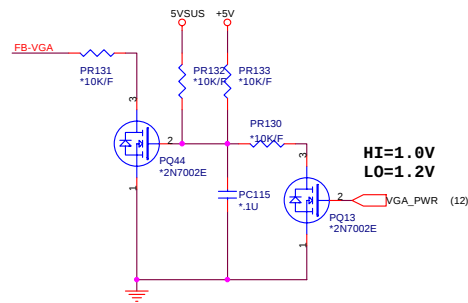
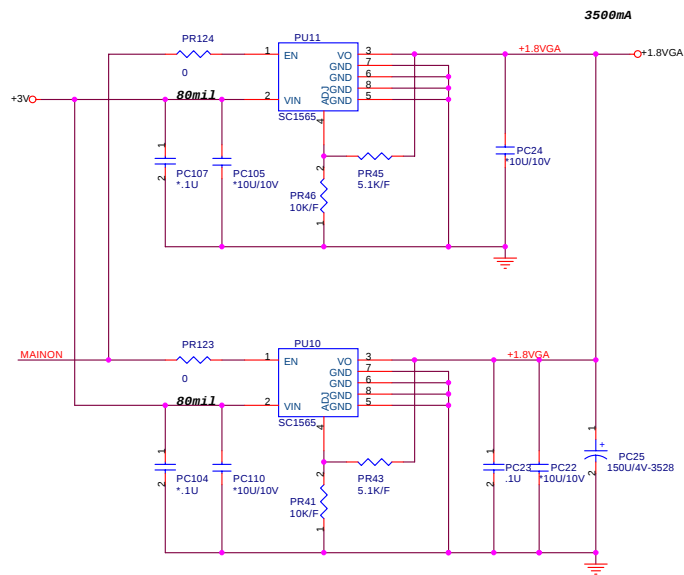
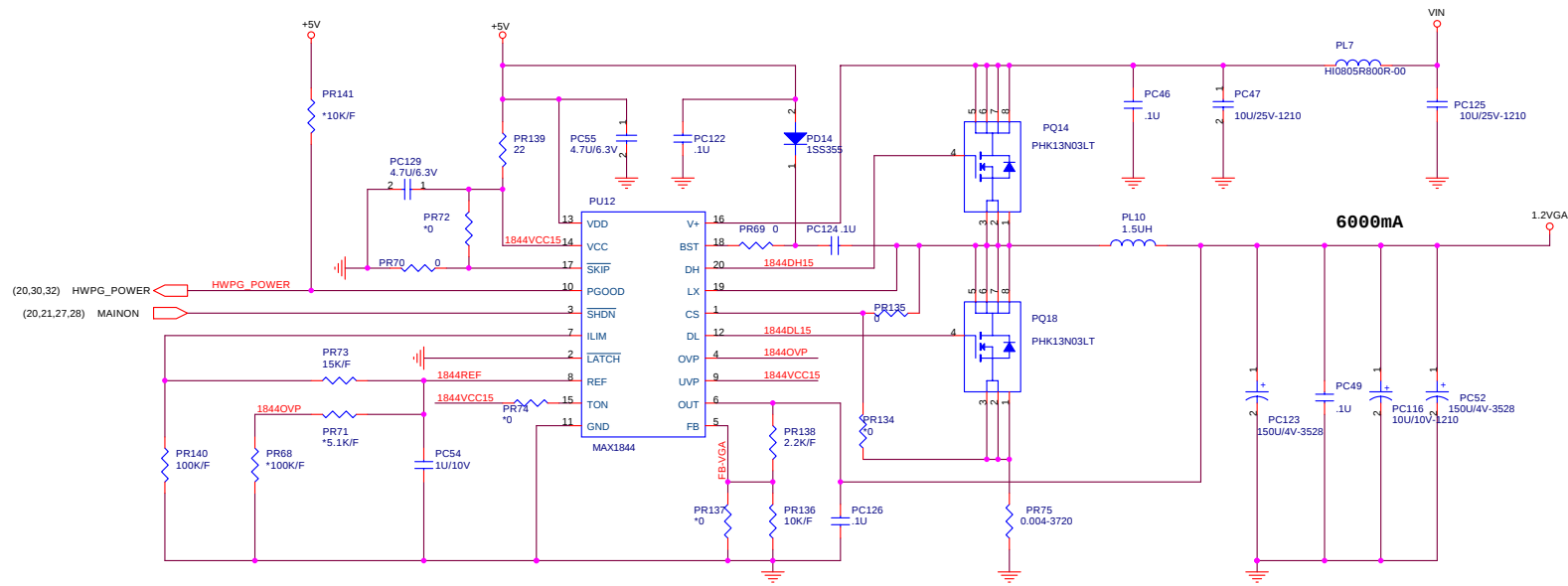






Rev E:
Hardware modify due to AMD suggestion





PROJECT : Z15
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