

ZW6 BLOCK DIAGRAM

CENTRINO

@:ZI66 Internal Gra.

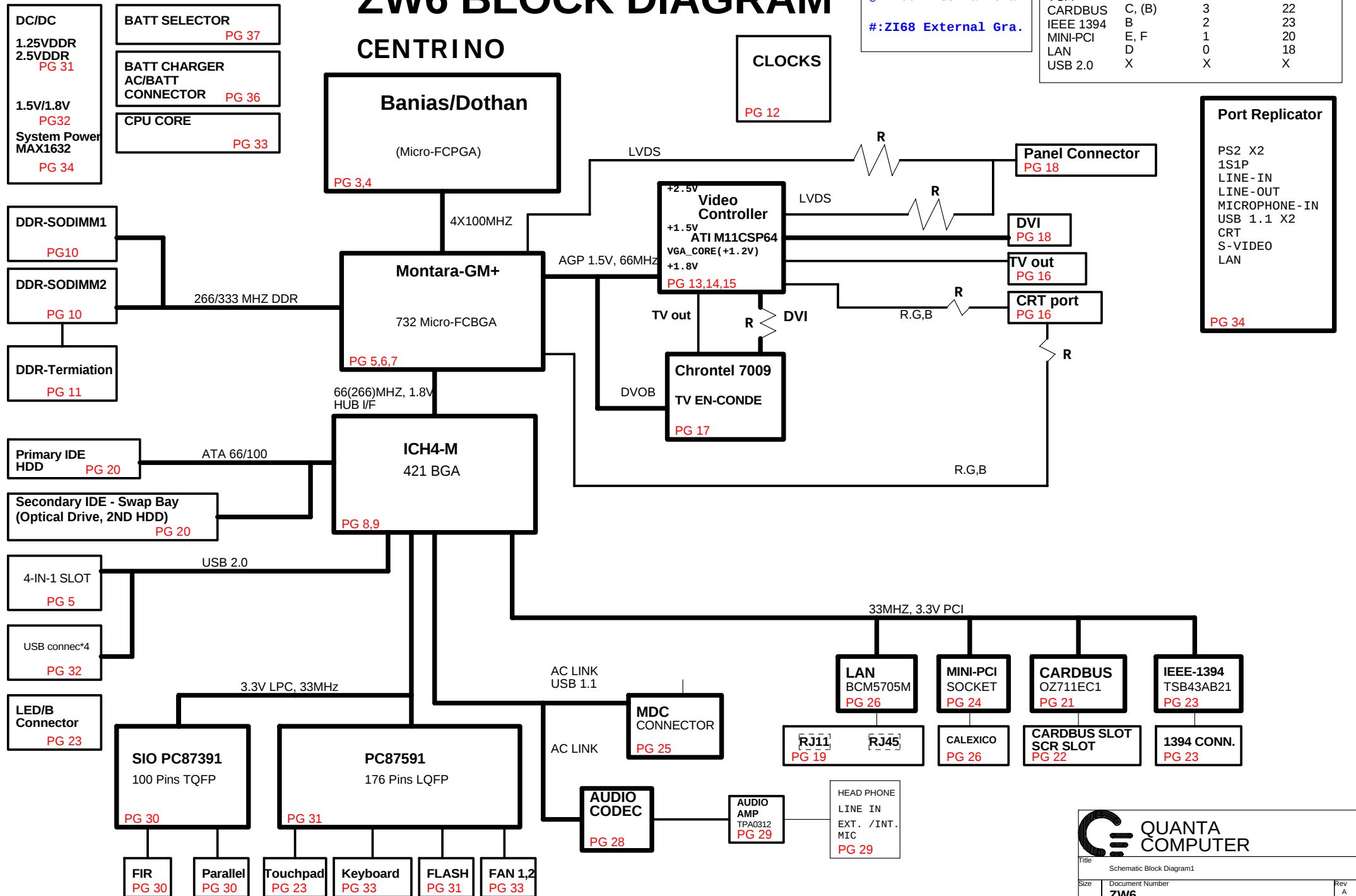
#:ZI68 External Gra.

	PIRQ#	REQ#/GNT#	IDSEL
VGA	X	X	X
CARDBUS	C, (B)	3	22
IEEE 1394	B	2	23
MINI-PCI	E, F	1	20
LAN	D	0	18
USB 2.0	X	X	X

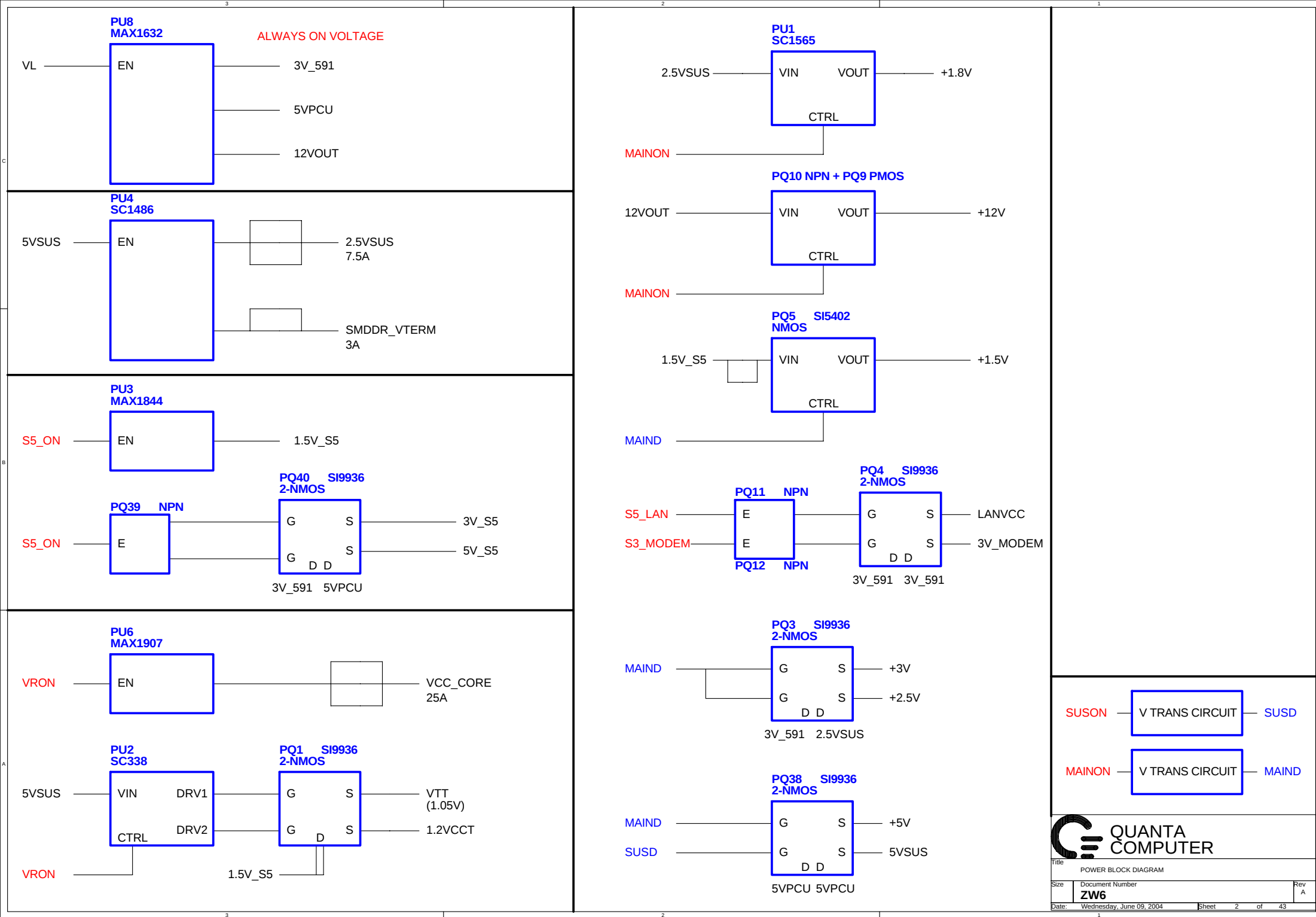
Port Replicator

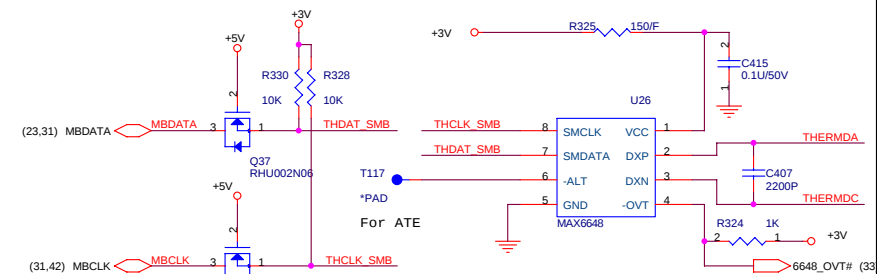
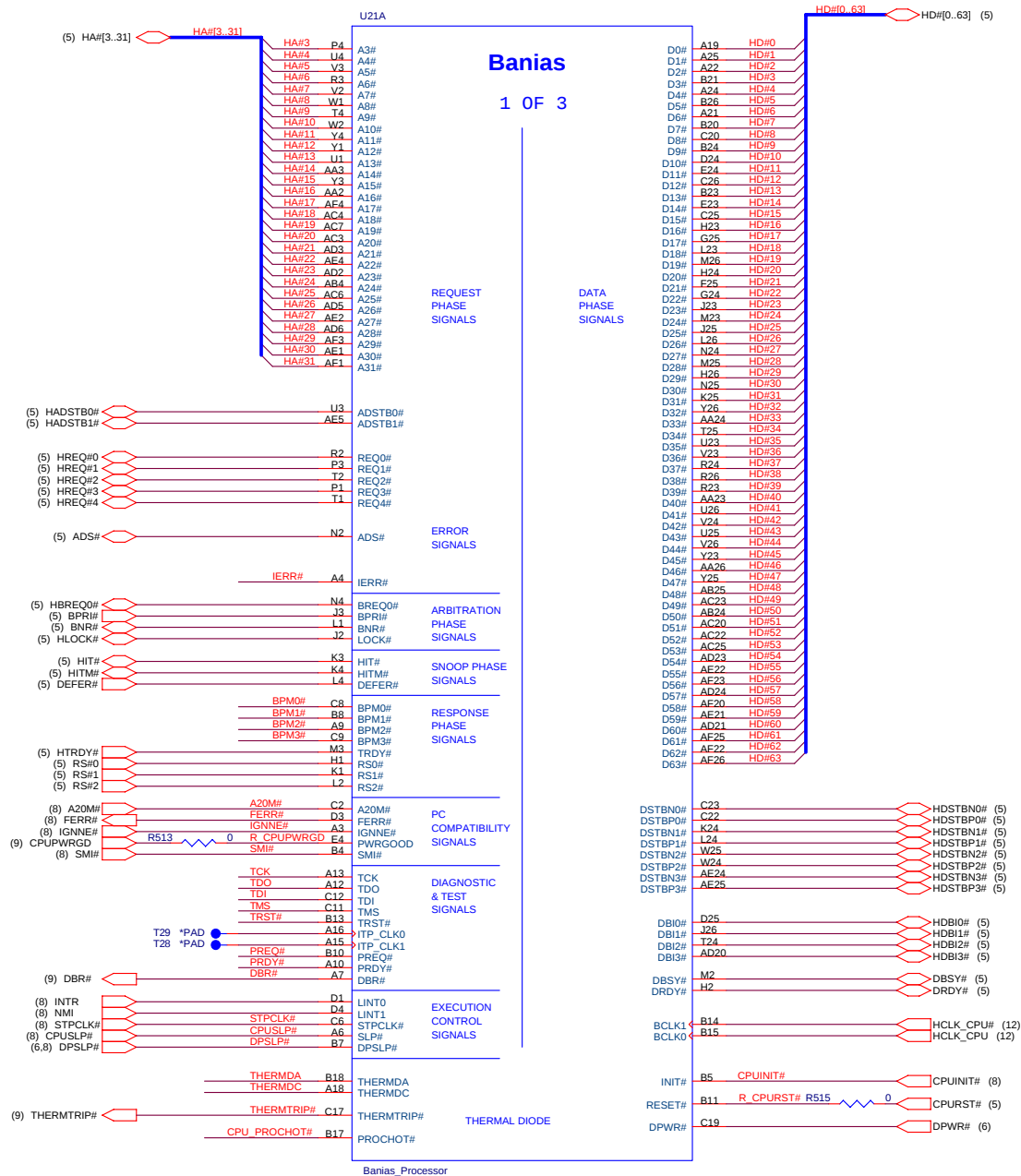
PS2 X2
1S1P
LINE-IN
LINE-OUT
MICROPHONE-IN
USB 1.1 X2
CRT
S-VIDEO
LAN

PG 34

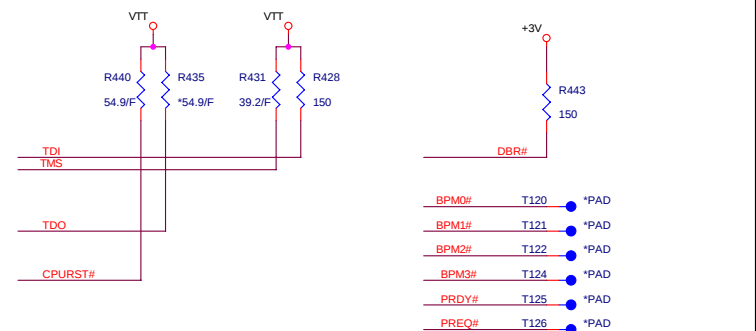
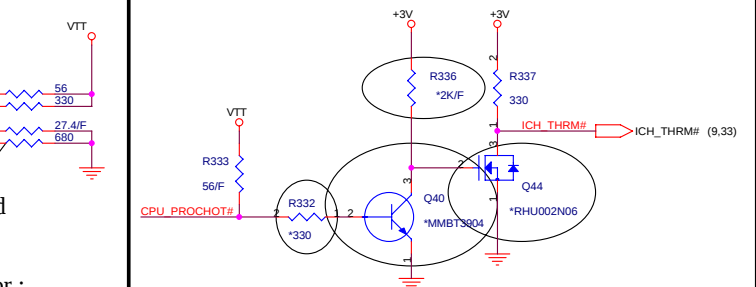


Title	Schematic Block Diagram1		
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R516 should be place within 2" of the processor ; others place near ITP

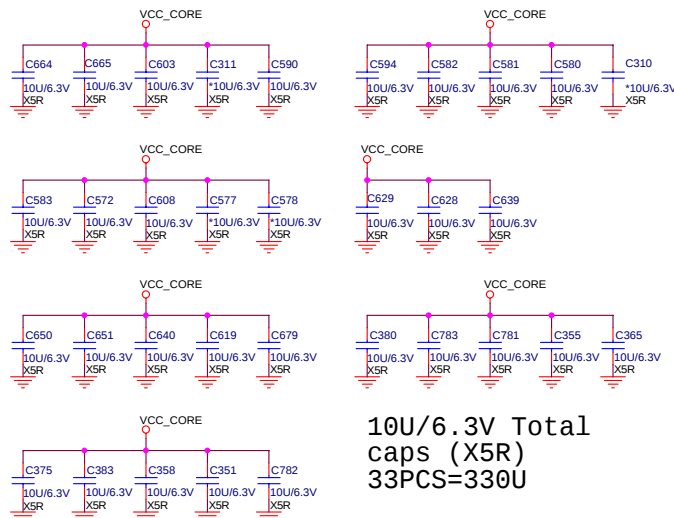
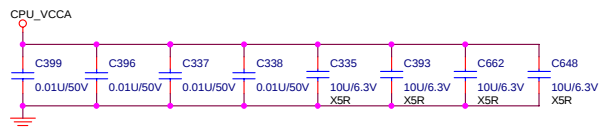
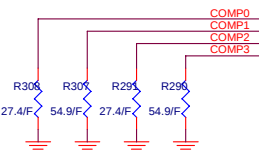


De1 ITP700

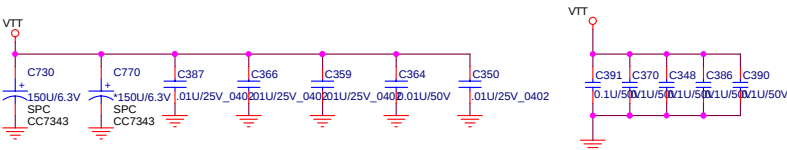
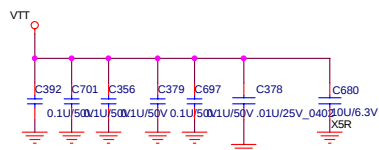
De1 R434, R439, C542, R442



These 4 Resistors need to place with 0.5" of CPU.
Comp0,2 trace need to be zo=27.4 ohm,
comp1,3 traces need to be zo=55 ohm.

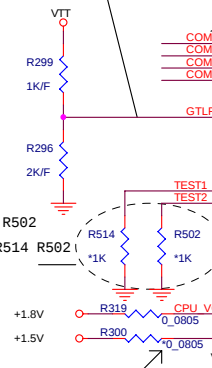


10uF/6.3V Total
caps (X5R)
33PCS=330u



GTREF: 2/3 VCCP+-2%
T<0.5" 25 mils space

25 MILS (>50 MILS PREFERRED) SPACE
T < 0.5"



A0 CPU install R514 R502

A1 CPU not install R514 R502

1.5V option is not used.
It is ok to leave in there.

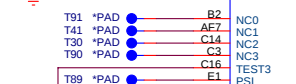
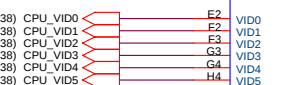
Banias
2 OF 3

POWER,
GROUND,
RESERVED
SIGNALS

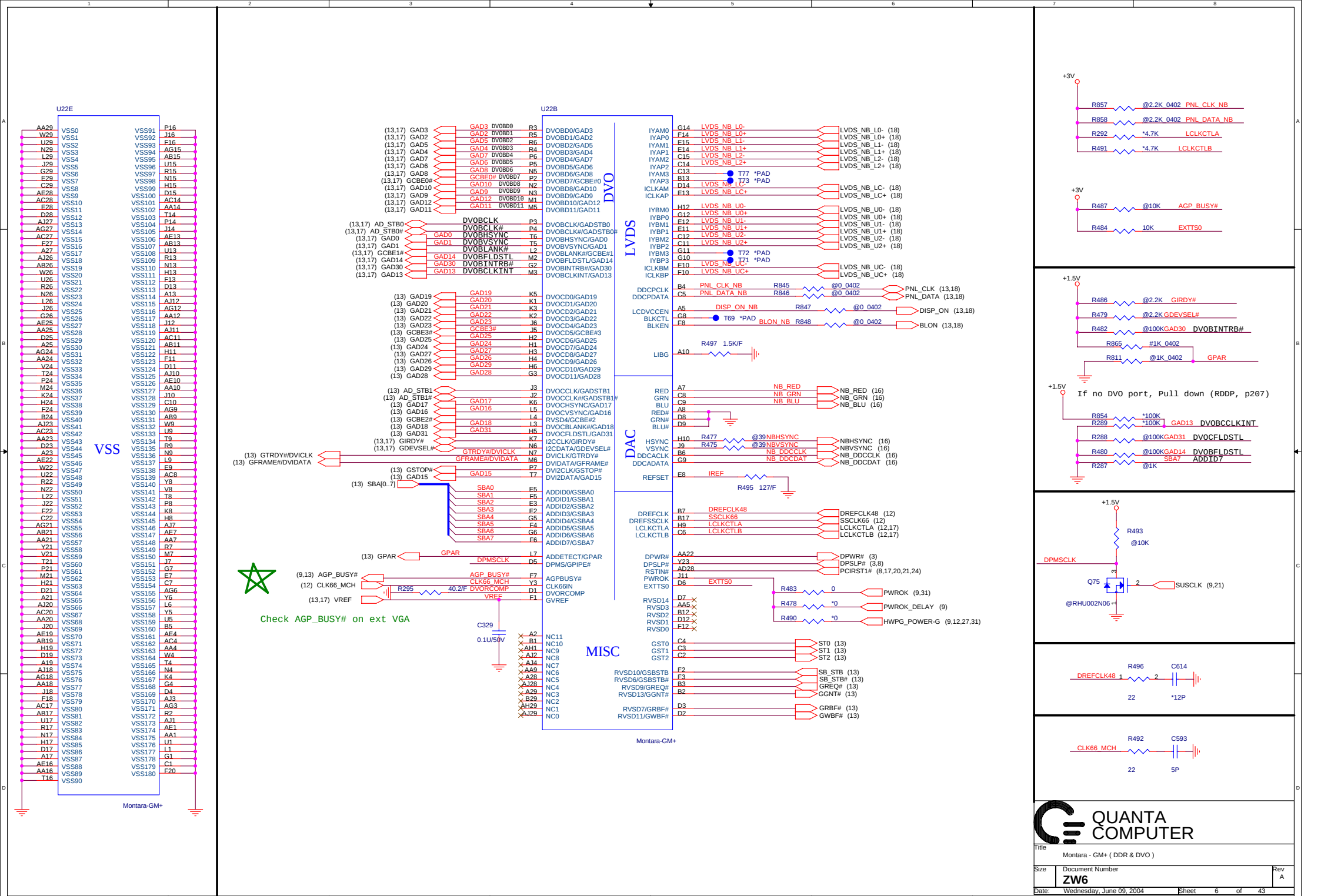
Banias
3 OF 3

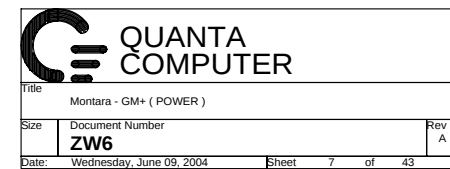
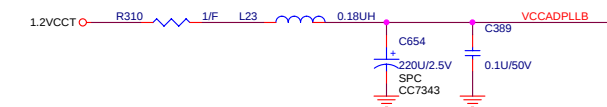
POWER, GROUND AND NC

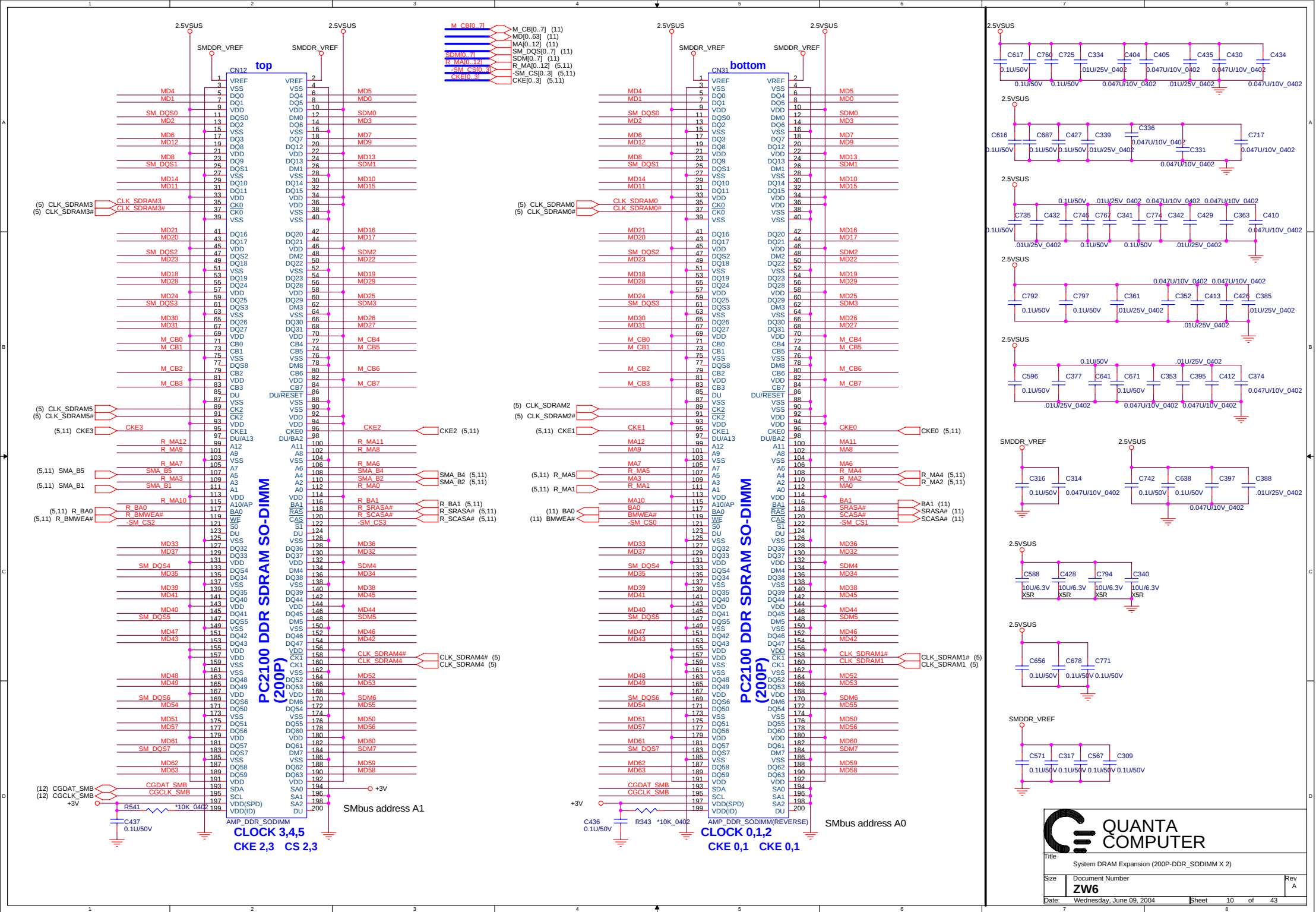
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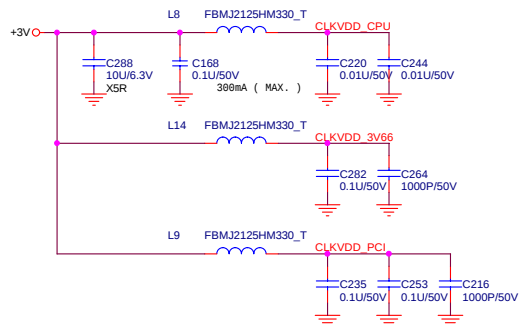
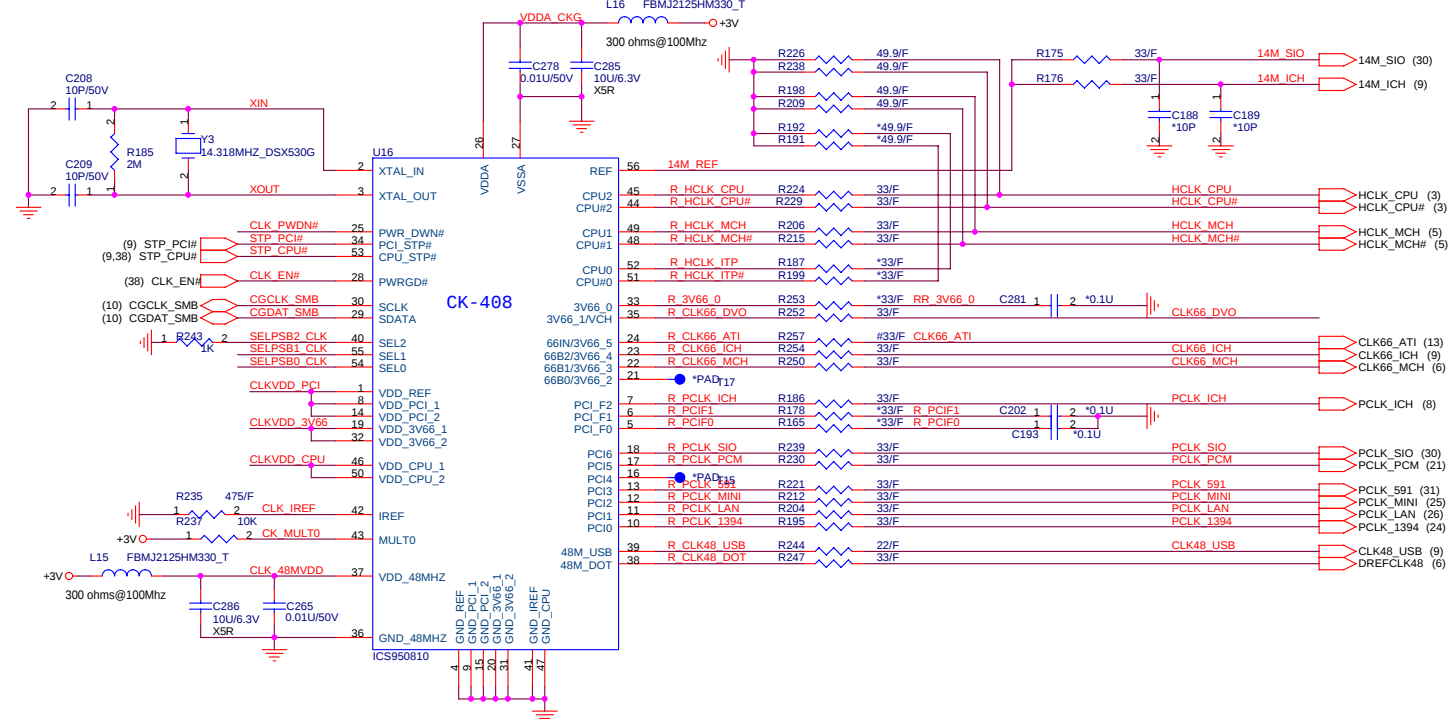
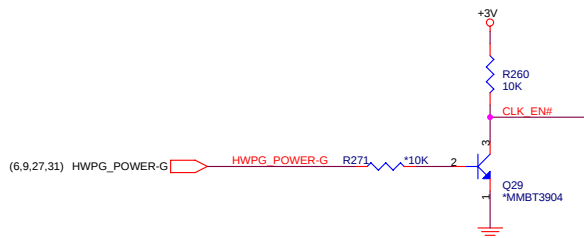
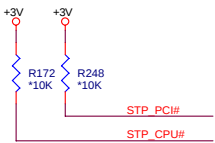


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These are for backdrive issue

(9) PGDAT_SMB

(9) PGCLK_SMB

CGDAT_SMB

CGCLK_SMB

Q31 RHU002N06

Q30 RHU002N06

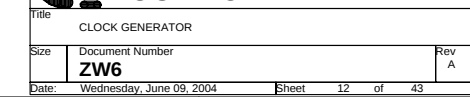
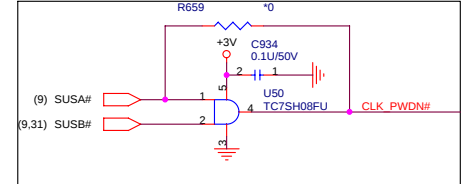
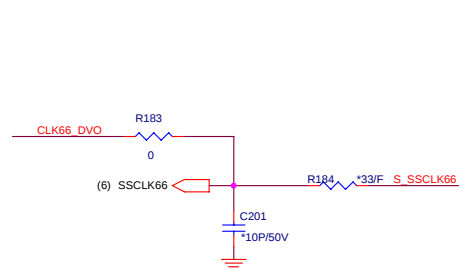
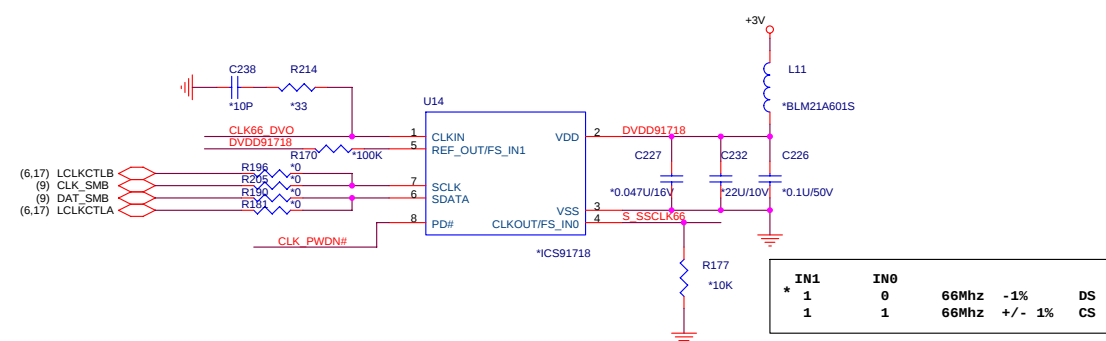
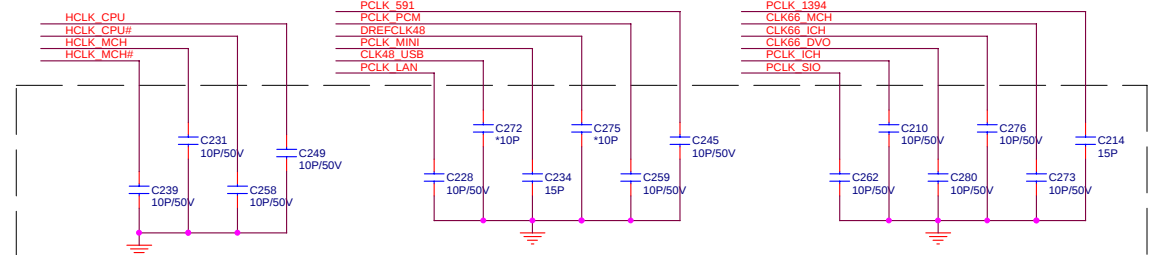
R259 10K

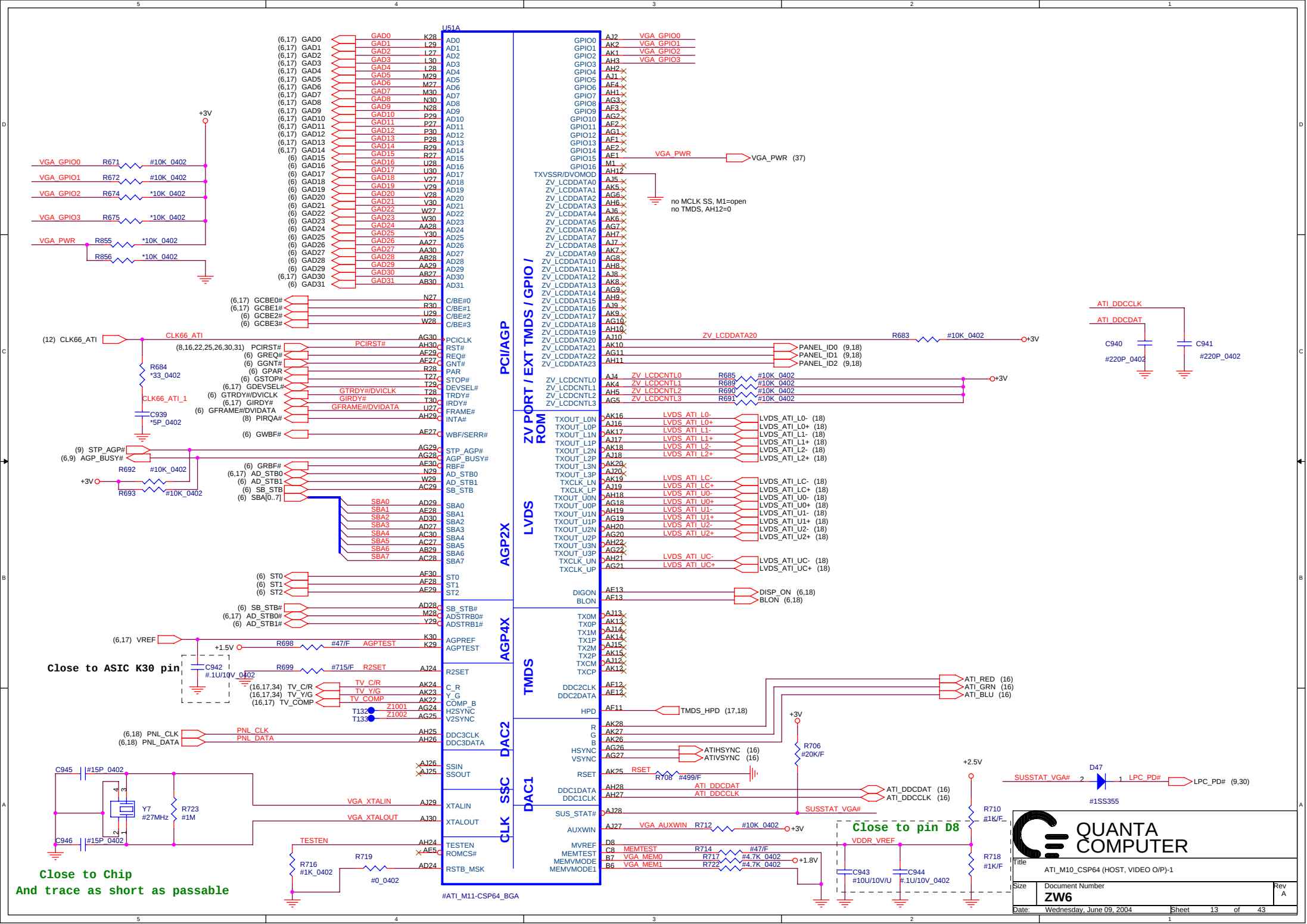
R258 10K

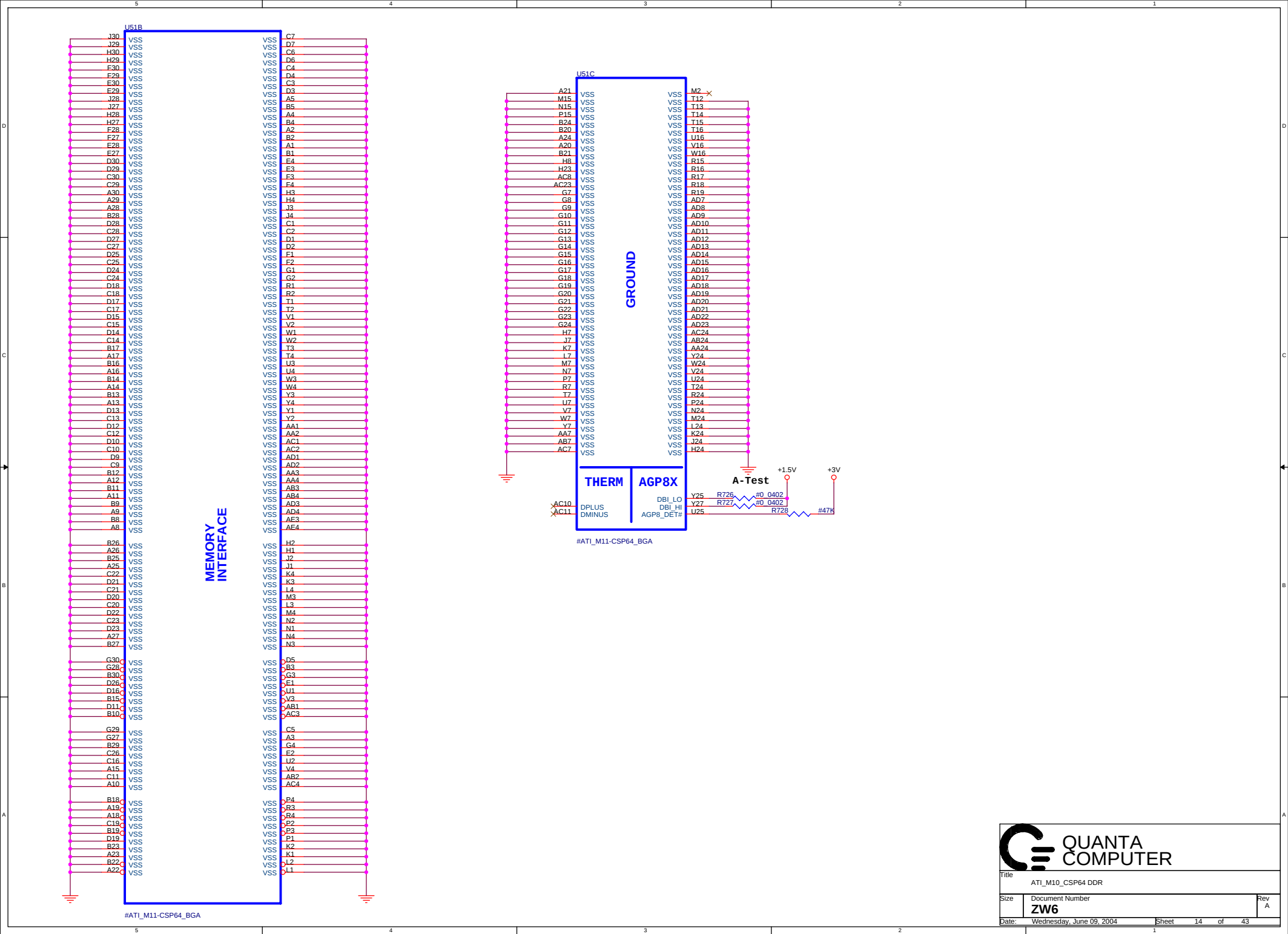
+5V

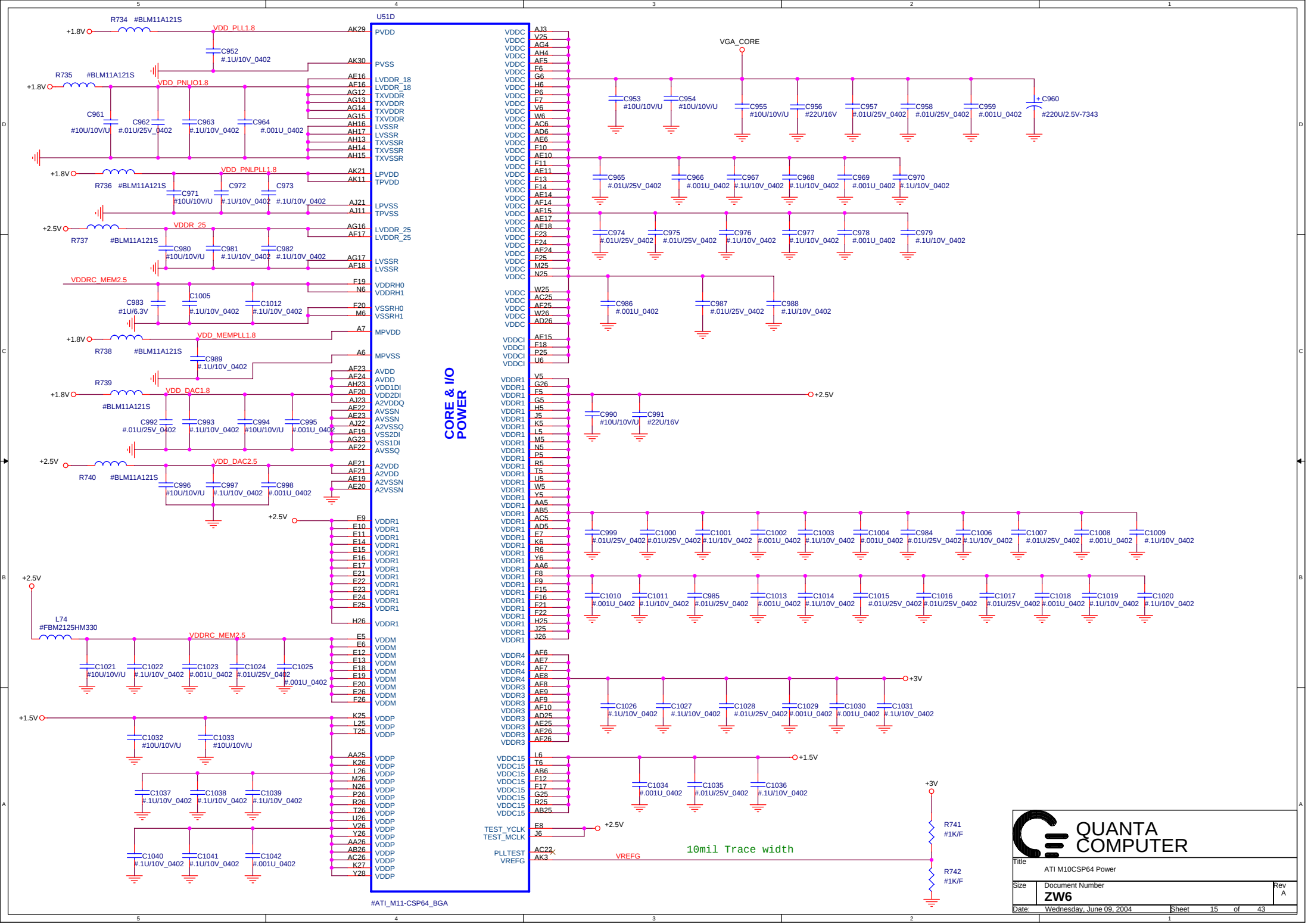
+5V

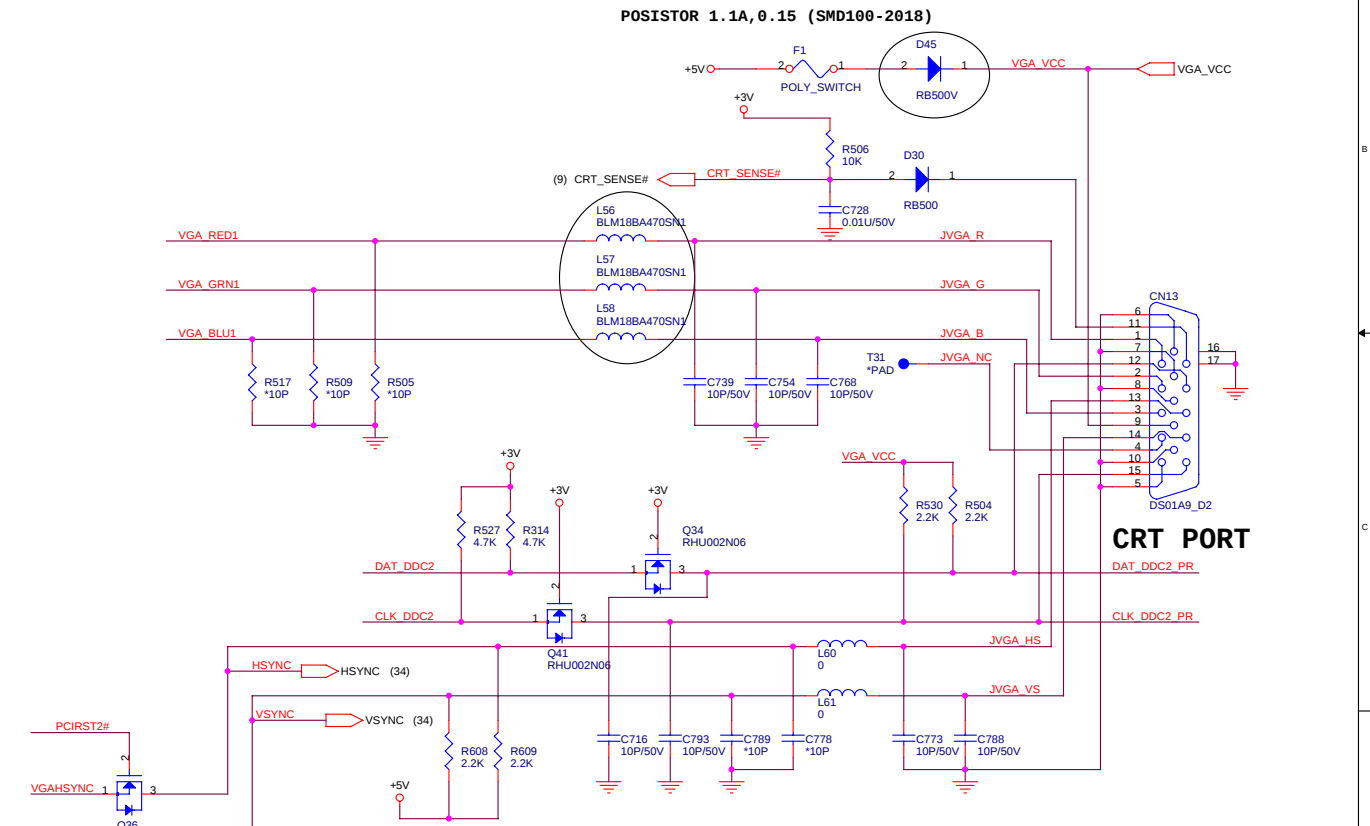
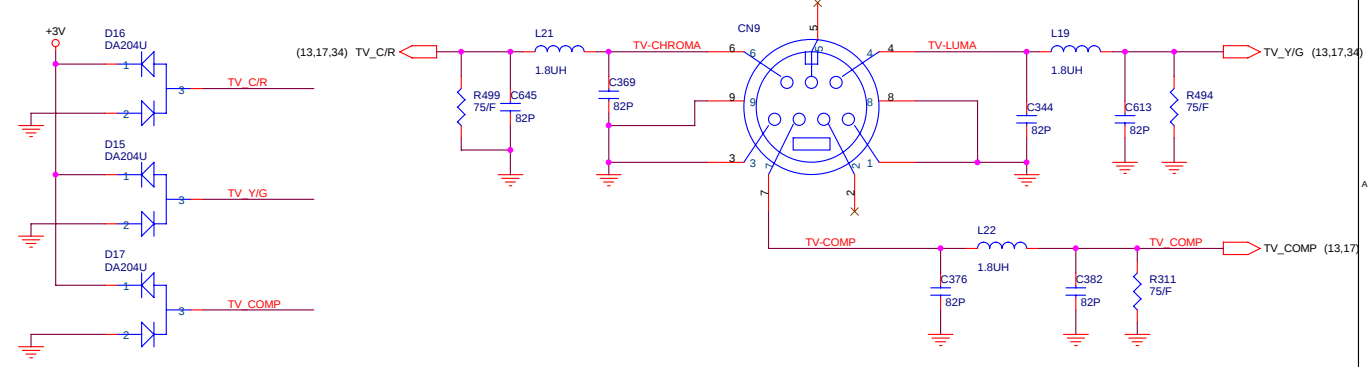
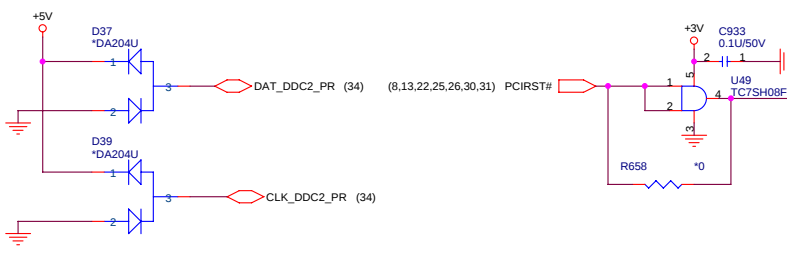
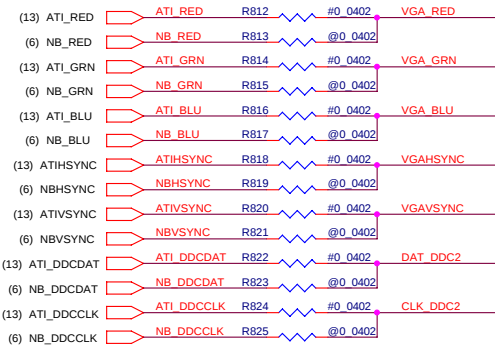
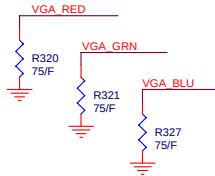
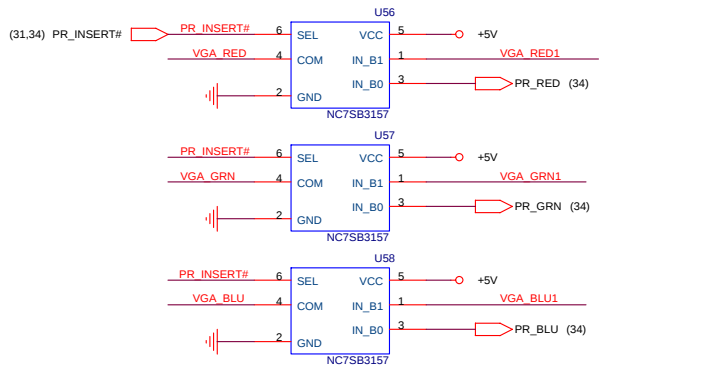
+3V



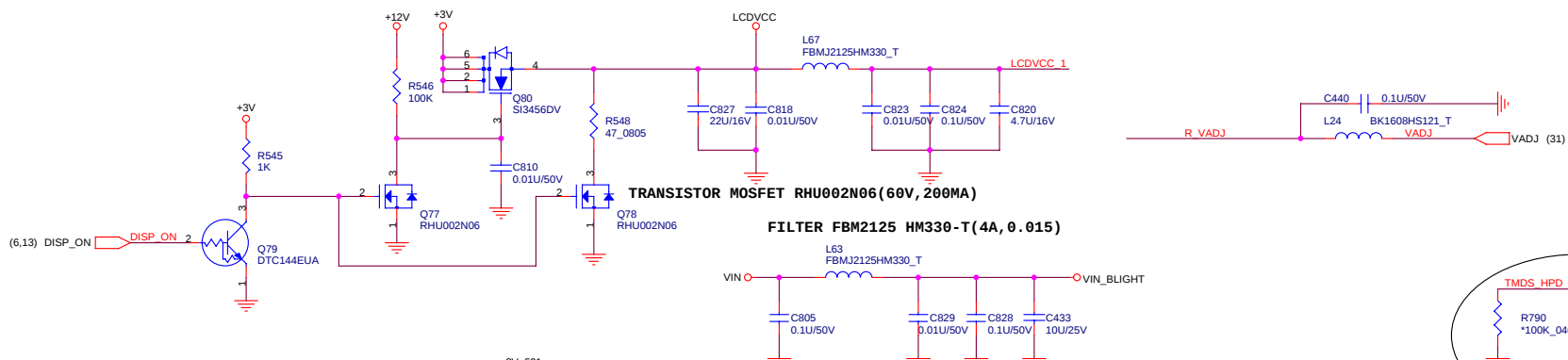




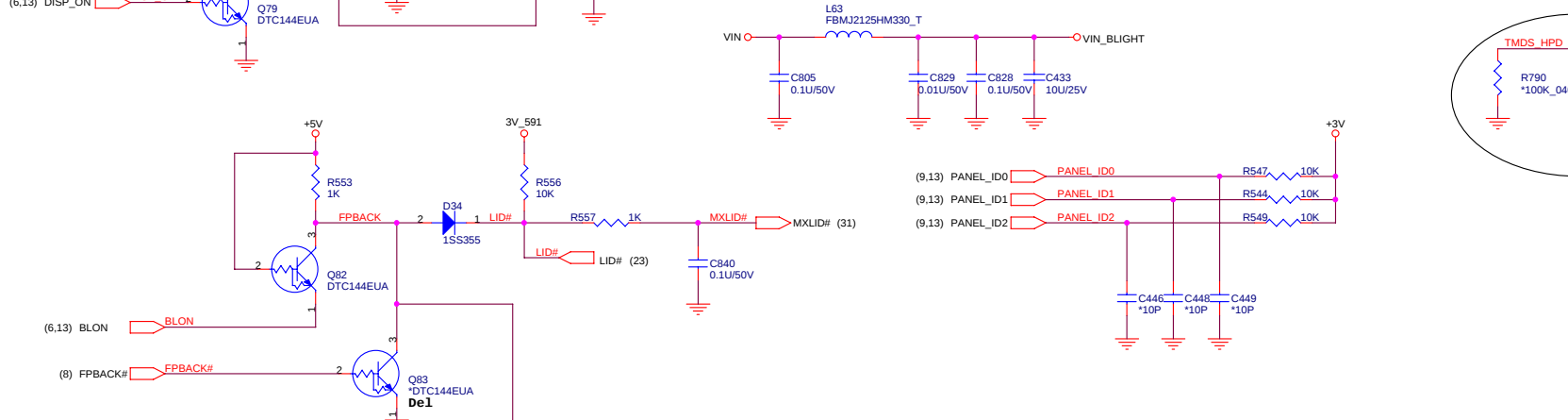




FILTER FBM2125 HM330-T(4A, 0.015)

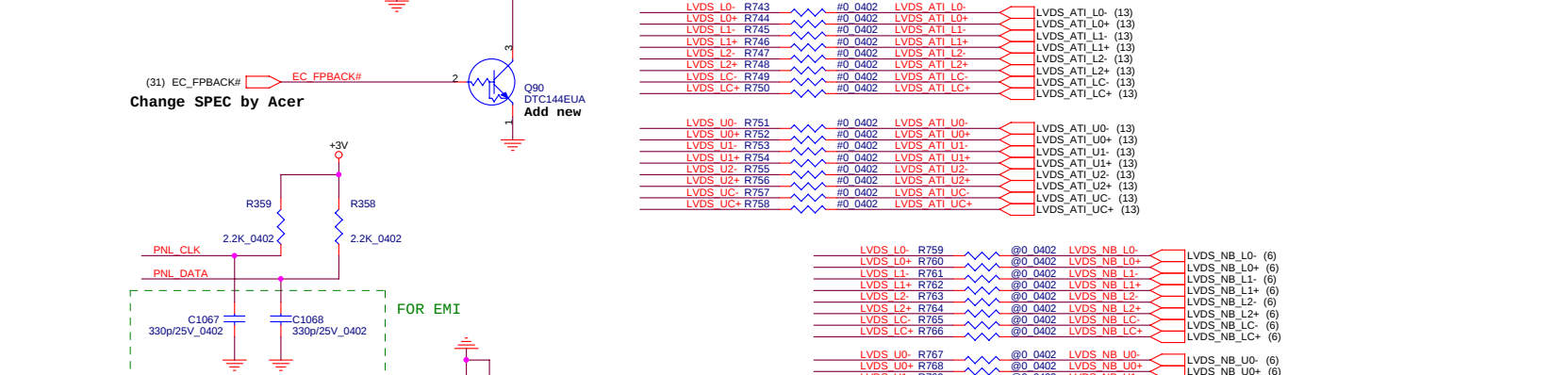


FILTER FBM2125 HM330-T(4A, 0.015)



Change SPEC by Acer

Add new



FOR EMI

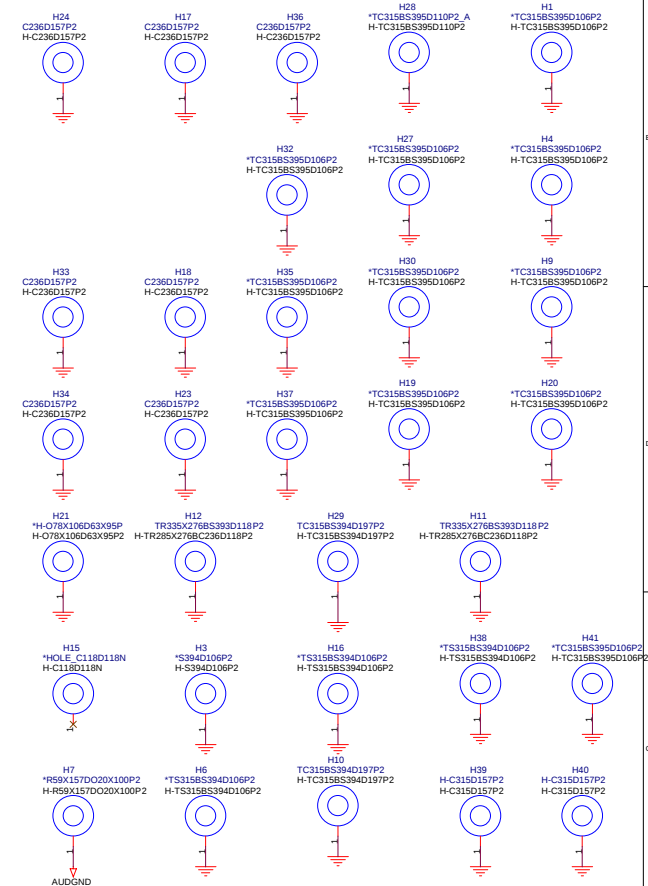
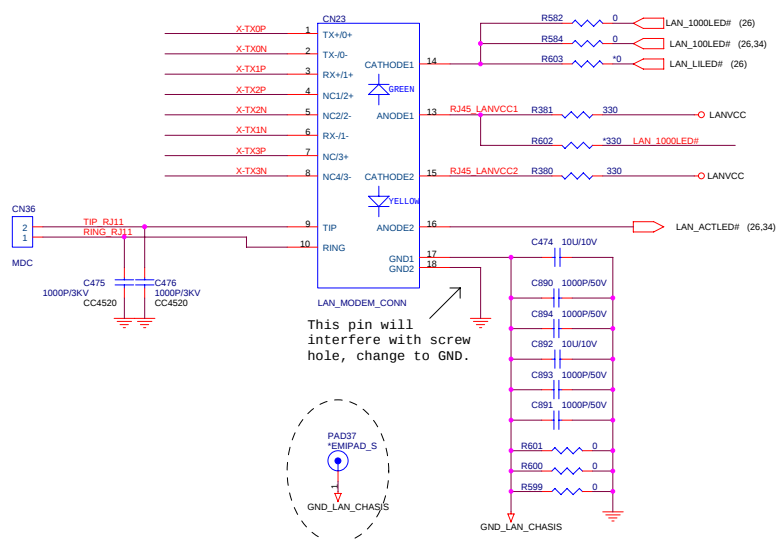
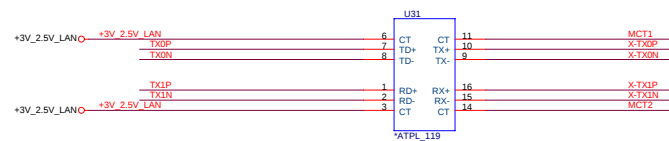
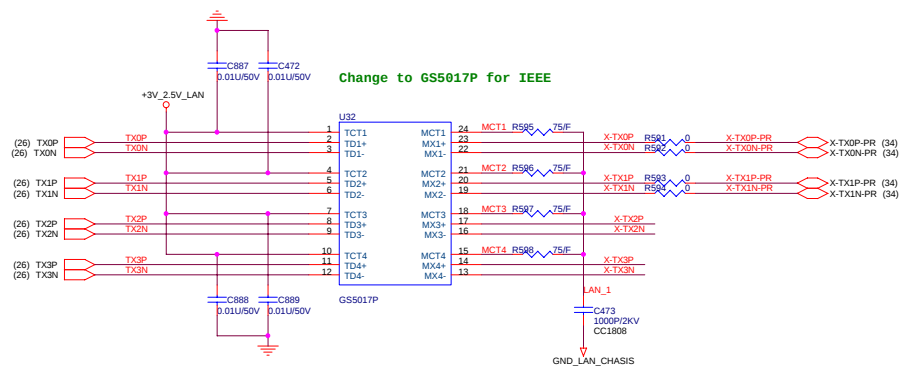
FOR EMI

LVDS L0- R743	#0 0402	LVDS ATI L0-	LVDS ATI L0- (13)
LVDS L0+ R744	#0 0402	LVDS ATI L0+	LVDS ATI L0+ (13)
LVDS L1- R745	#0 0402	LVDS ATI L1-	LVDS ATI L1- (13)
LVDS L1+ R746	#0 0402	LVDS ATI L1+	LVDS ATI L1+ (13)
LVDS L2- R747	#0 0402	LVDS ATI L2-	LVDS ATI L2- (13)
LVDS L2+ R748	#0 0402	LVDS ATI L2+	LVDS ATI L2+ (13)
LVDS LC- R749	#0 0402	LVDS ATI LC-	LVDS ATI LC- (13)
LVDS LC+ R750	#0 0402	LVDS ATI LC+	LVDS ATI LC+ (13)
LVDS U0- R751	#0 0402	LVDS ATI U0-	LVDS ATI U0- (13)
LVDS U0+ R752	#0 0402	LVDS ATI U0+	LVDS ATI U0+ (13)
LVDS U1- R753	#0 0402	LVDS ATI U1-	LVDS ATI U1- (13)
LVDS U1+ R754	#0 0402	LVDS ATI U1+	LVDS ATI U1+ (13)
LVDS U2- R755	#0 0402	LVDS ATI U2-	LVDS ATI U2- (13)
LVDS U2+ R756	#0 0402	LVDS ATI U2+	LVDS ATI U2+ (13)
LVDS UC- R757	#0 0402	LVDS ATI UC-	LVDS ATI UC- (13)
LVDS UC+ R758	#0 0402	LVDS ATI UC+	LVDS ATI UC+ (13)

LVDS L0- R759	@0 0402	LVDS NB L0-	LVDS NB L0- (6)
LVDS L0+ R760	@0 0402	LVDS NB L0+	LVDS NB L0+ (6)
LVDS L1- R761	@0 0402	LVDS NB L1-	LVDS NB L1- (6)
LVDS L1+ R762	@0 0402	LVDS NB L1+	LVDS NB L1+ (6)
LVDS L2- R763	@0 0402	LVDS NB L2-	LVDS NB L2- (6)
LVDS L2+ R764	@0 0402	LVDS NB L2+	LVDS NB L2+ (6)
LVDS LC- R765	@0 0402	LVDS NB LC-	LVDS NB LC- (6)
LVDS LC+ R766	@0 0402	LVDS NB LC+	LVDS NB LC+ (6)
LVDS U0- R767	@0 0402	LVDS NB U0-	LVDS NB U0- (6)
LVDS U0+ R768	@0 0402	LVDS NB U0+	LVDS NB U0+ (6)
LVDS U1- R769	@0 0402	LVDS NB U1-	LVDS NB U1- (6)
LVDS U1+ R770	@0 0402	LVDS NB U1+	LVDS NB U1+ (6)
LVDS U2- R771	@0 0402	LVDS NB U2-	LVDS NB U2- (6)
LVDS U2+ R772	@0 0402	LVDS NB U2+	LVDS NB U2+ (6)
LVDS UC- R773	@0 0402	LVDS NB UC-	LVDS NB UC- (6)
LVDS UC+ R774	@0 0402	LVDS NB UC+	LVDS NB UC+ (6)

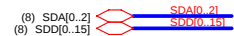


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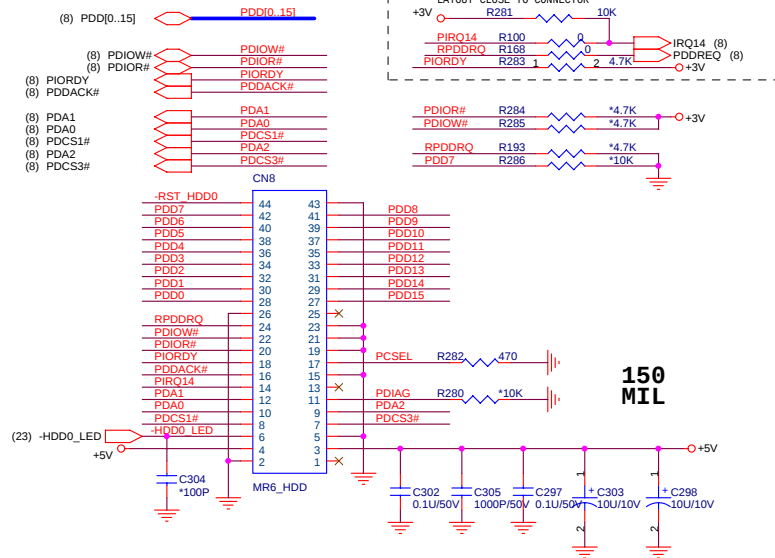
QUANTA
COMPUTER

Title	RJ11 & RJ45 & HOLES		
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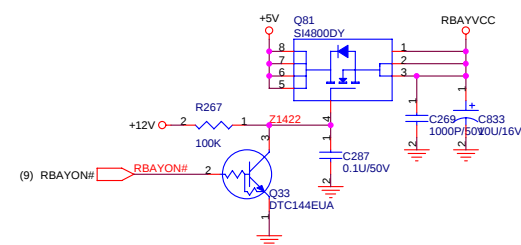
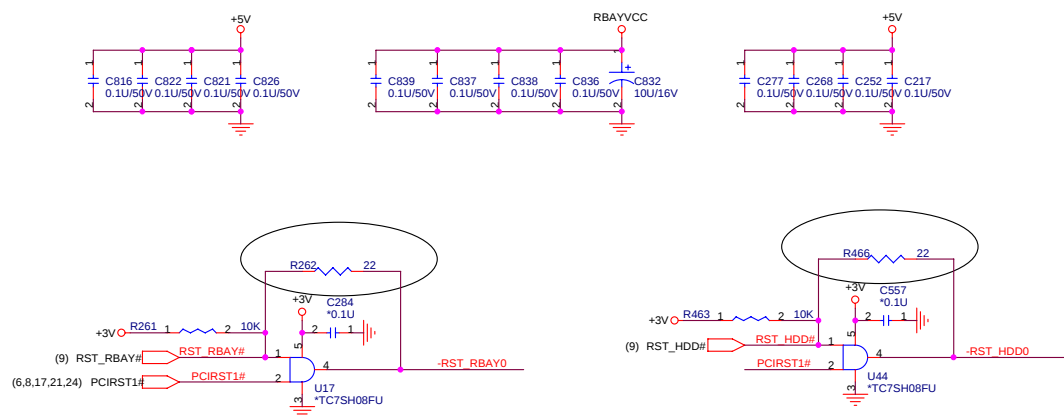


BAY ID STATUS

RBAYID0/ LBAYID0	RBAYID1/ LBAYID1	STATUS
0	0	FDD
0	1	HDD
1	0	CD/DVD

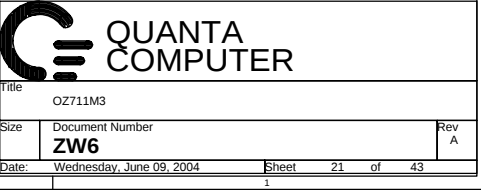


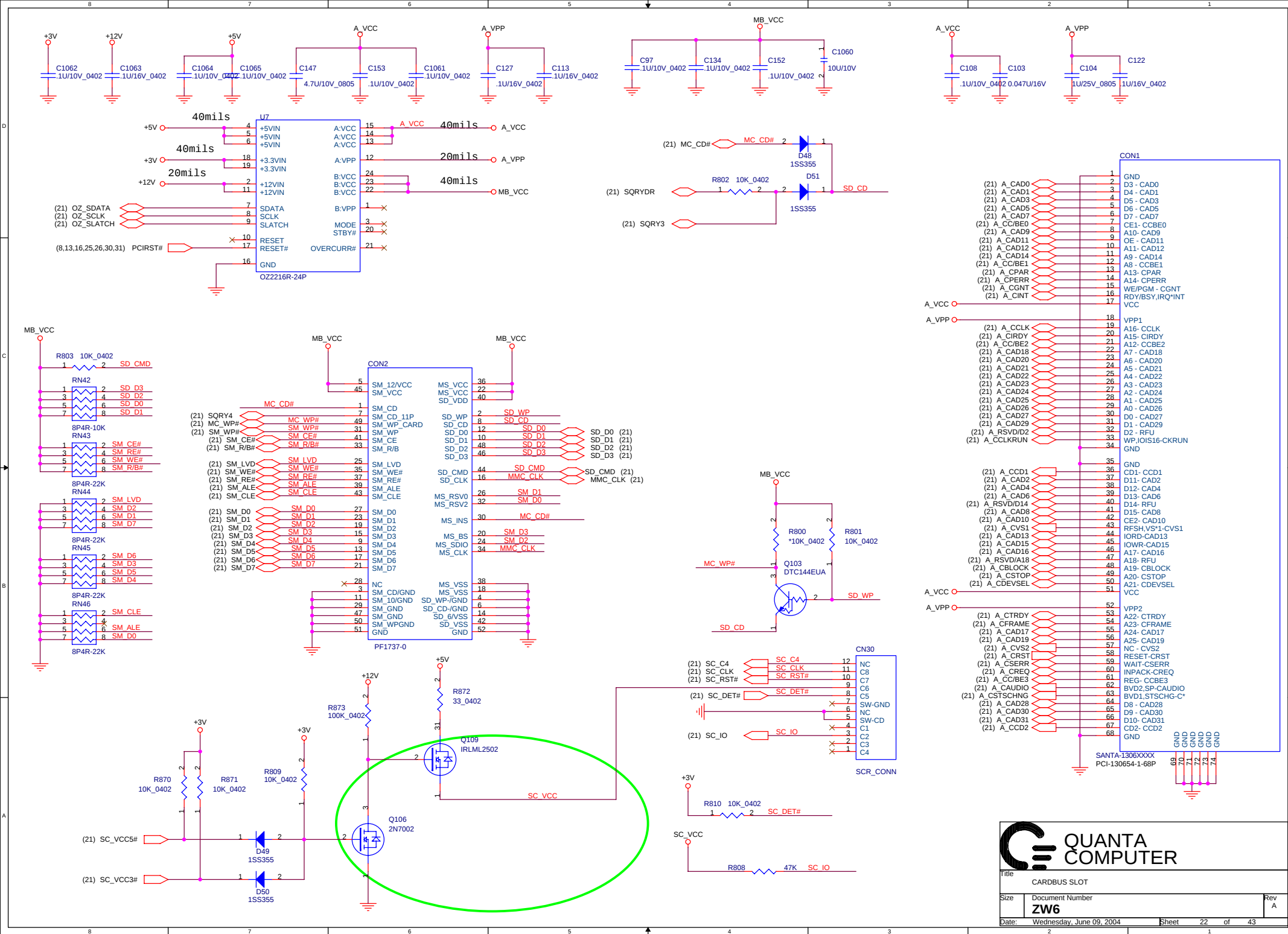
HDD CONNECTOR



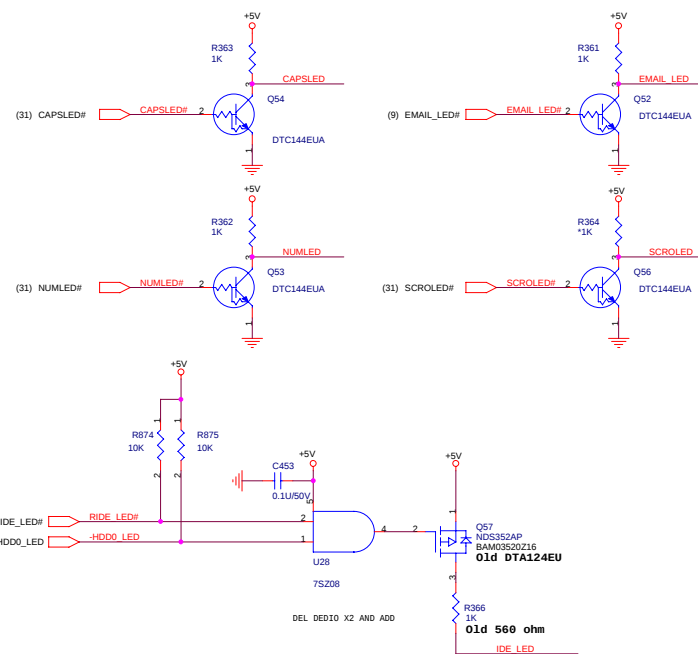
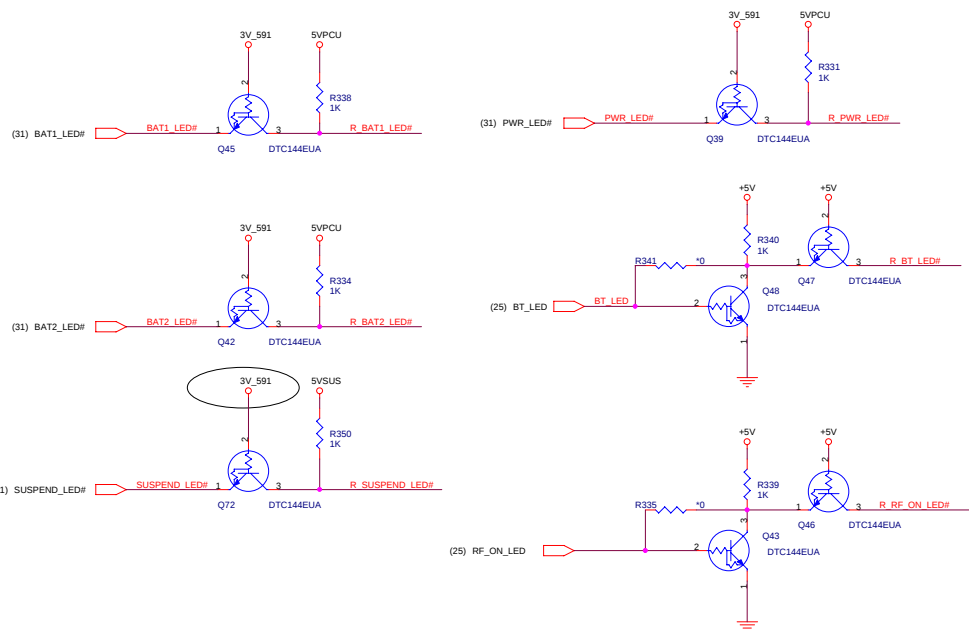
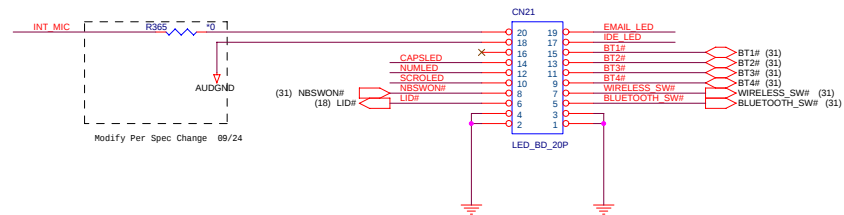
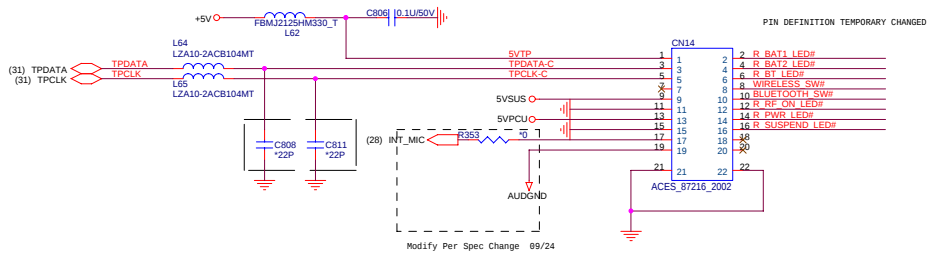
Title			
DEVICE BAY			
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SWAP BAY POWER CONTROL& RESET

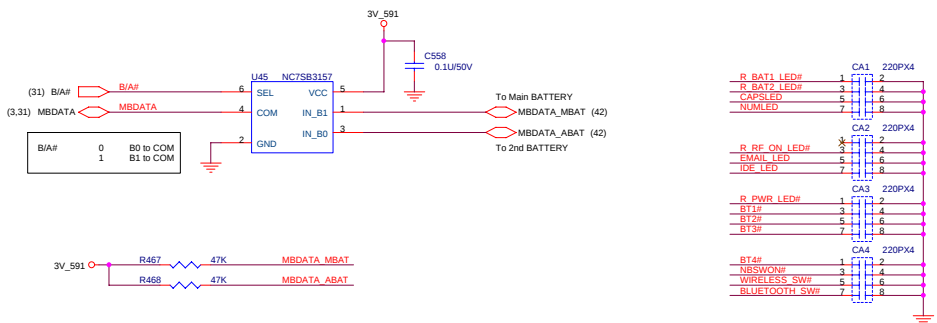




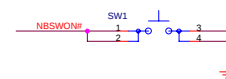
12 MIL



IDE LED CONTROL LOGIC



De1 SW2



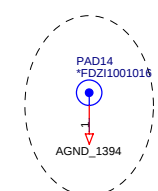
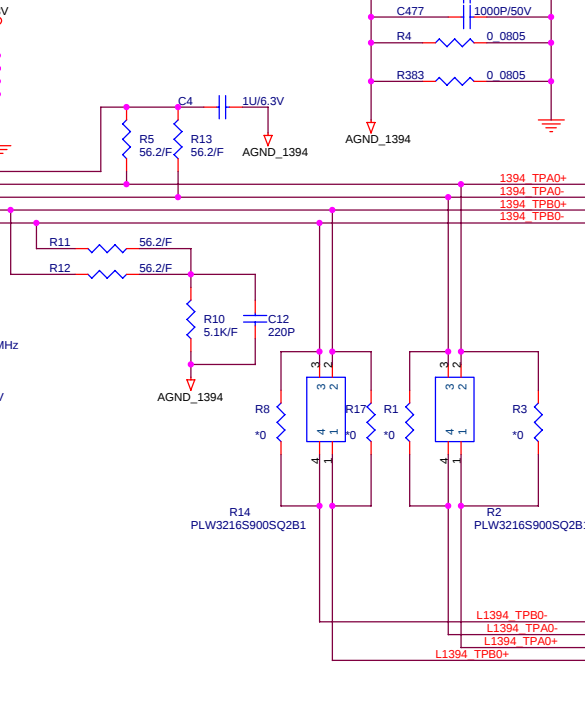
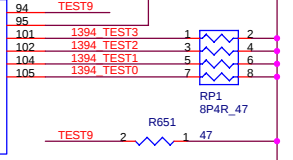
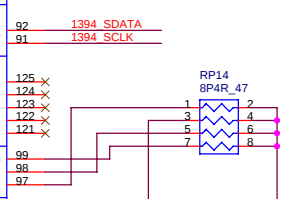
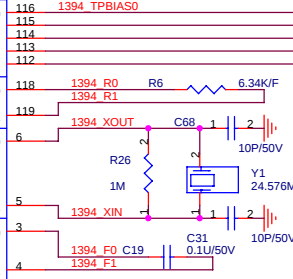
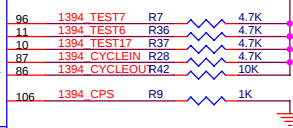
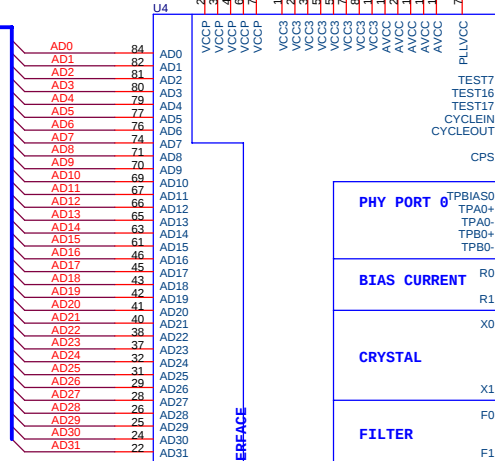
Title 4-IN-1 MEMORY CARD

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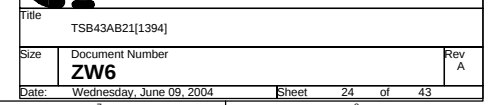
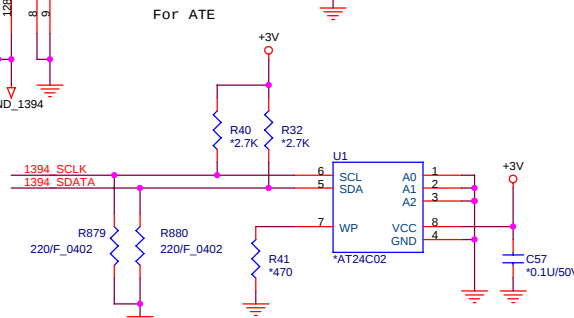
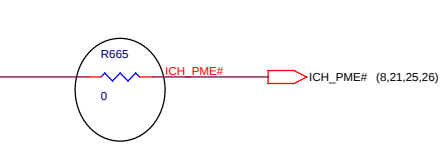
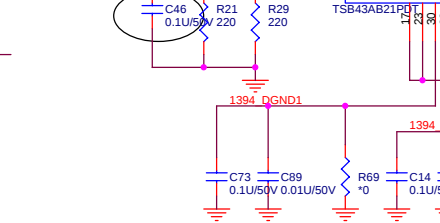
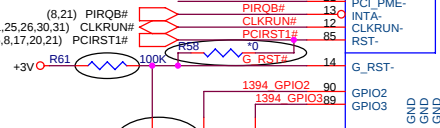
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Rev

A schematic diagram of a 3V power plane. A horizontal red line represents the power plane, connected to a 3V source on the left. Below the plane, seven decoupling capacitors are connected to ground (represented by red ground symbols). The capacitors are labeled C49, C85, C5, C84, C45, C61, and C36. Their values and ratings are: C49 (0.1uF/50V), C85 (0.1uF/50V), C5 (0.1uF/50V), C84 (0.01uF/50V), C45 (0.01uF/50V), C61 (0.000P/50V), and C36 (0.000P/50V). The ground symbols are connected to a common ground rail at the bottom.



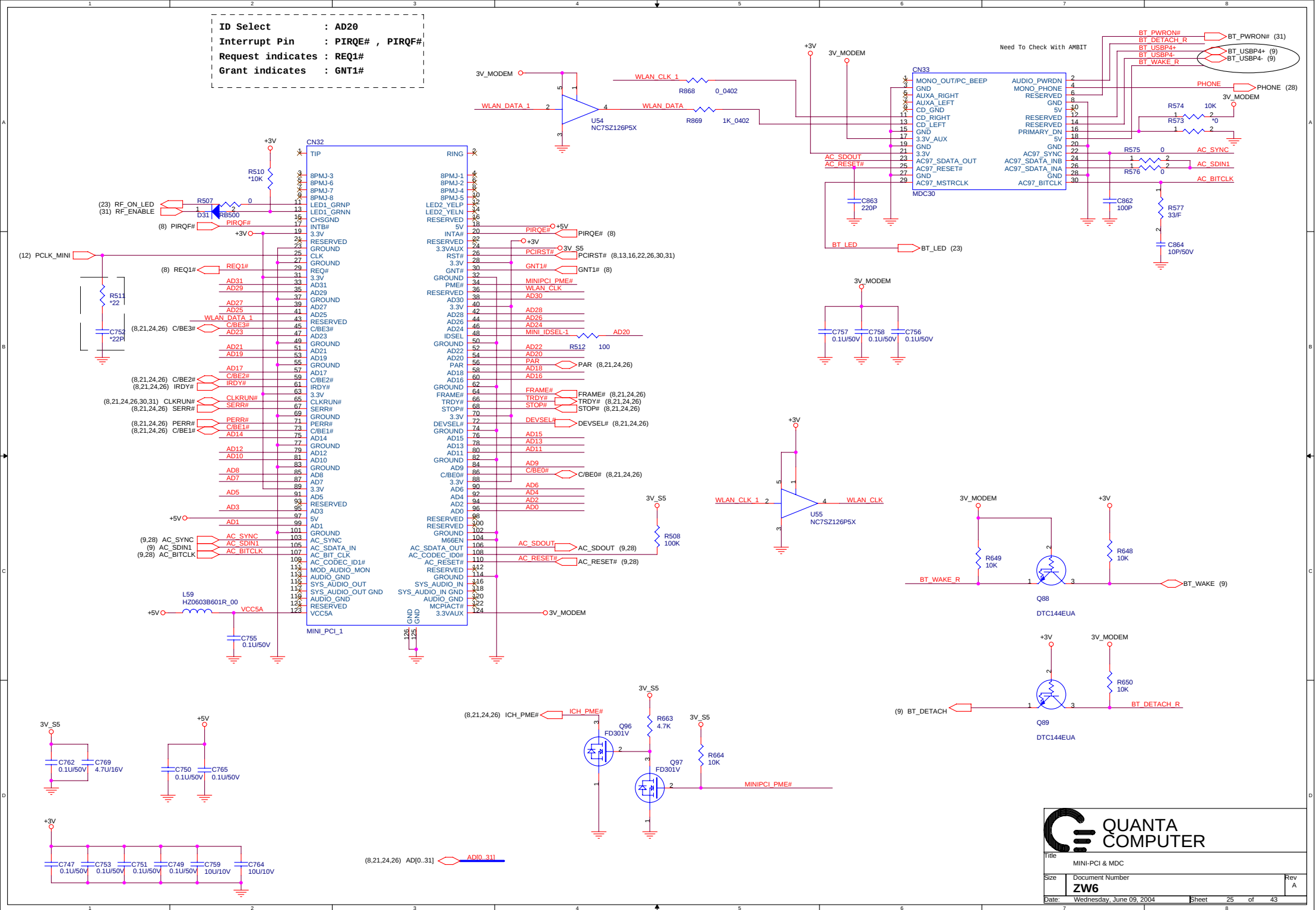
(8,21.25,26)	CBE0#	CBE0#	73	CBE0-	PCB1
(8,21.25,26)	CBE1#	CBE2#	74	CBE1-	PCB2
(8,21.25,26)	CBE2#	CBE3#	75	CBE2-	PCB3
(8,21.25,26)	CBE3#	PC134	16	CBE3-	CLK
(12)	PC134	GNT2#	18	GNT-	
(8)	GNT2#	REQ2#	19	REQ-	
(8)	REQ2#	IDSEL1394	36	IDSEL	
		FRAME#	49	FRAME-	
(8,21.25,26)	FRAME#	IRDY#	52	IRDY-	
(8,21.25,26)	IRDY#	TRDY#	53	TRDY-	
(8,21.25,26)	TRDY#	DEVSEL#	54	DEVSEL-	
(8,21.25,26)	DEVSEL#	STOP#	54	STOP-	
(8,21.25,26)	STOP#	PERR#	56	PERR-	
(8,21.25,26)	PERR#	SERR#	57	SERR-	
(8,21.25,26)	SERR#	PAR	58	PAR	
(8,21.25,26)	PAR	PME1394#	21	PME1394#	

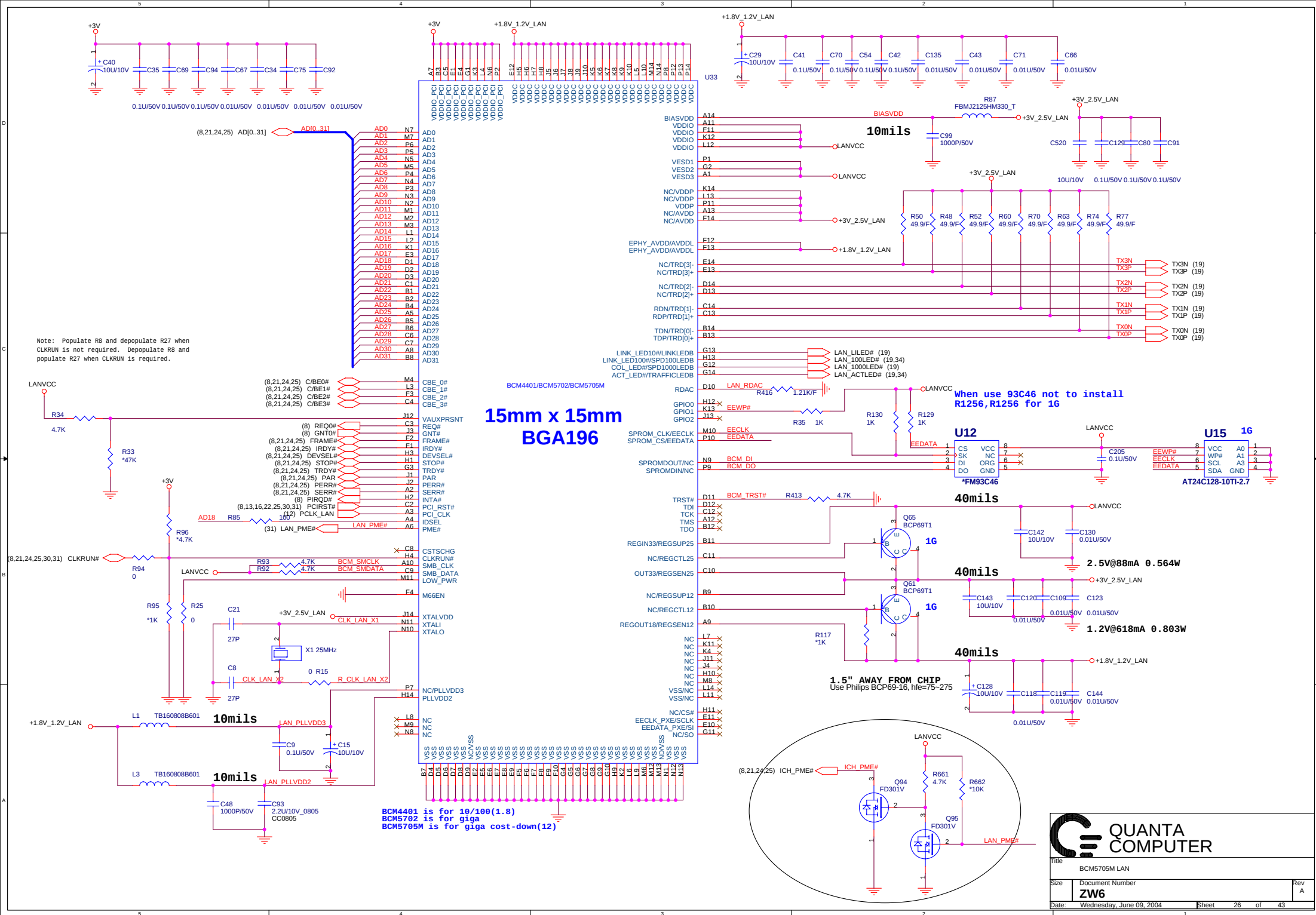


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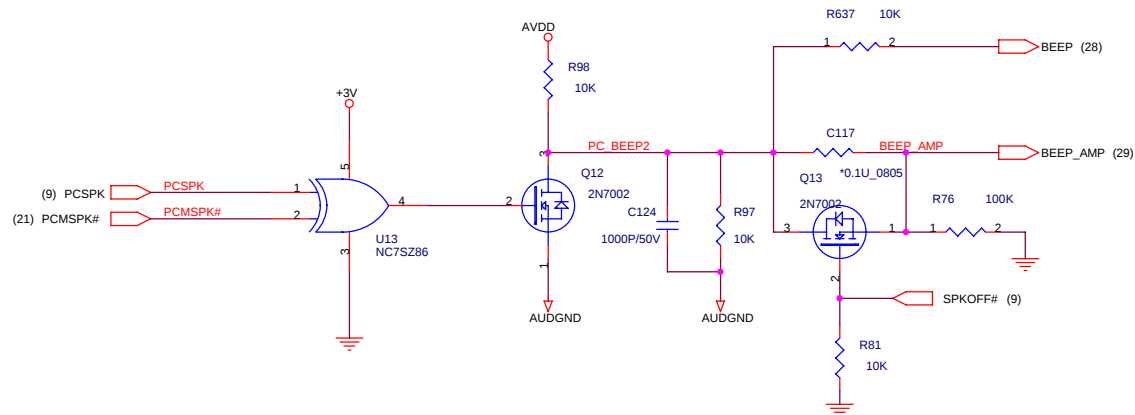
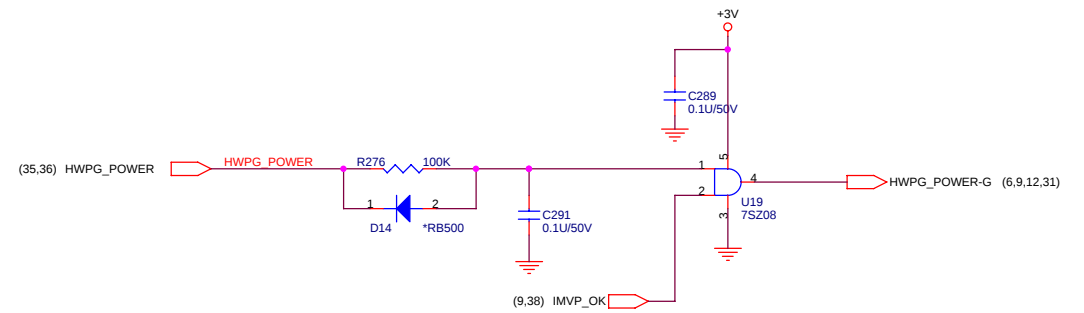
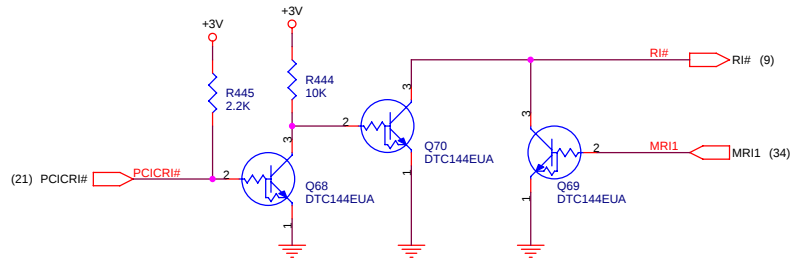
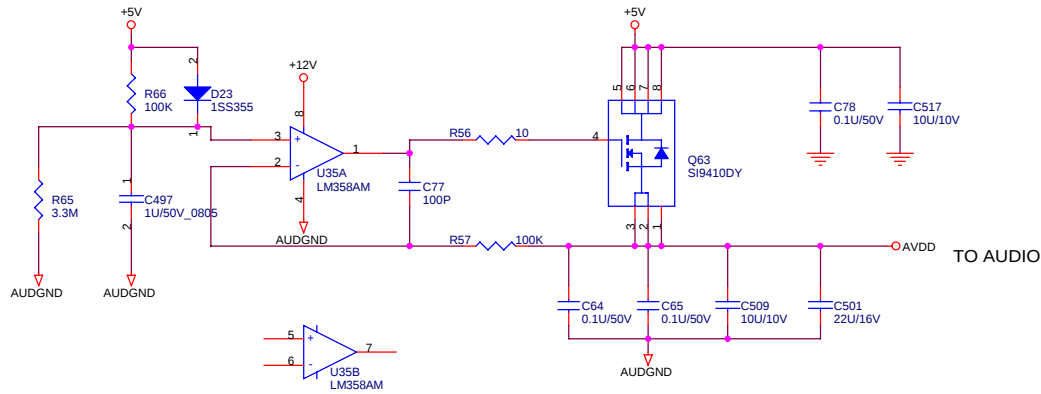
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Request indicates : REQ1#
Grant indicates  : GNT1#

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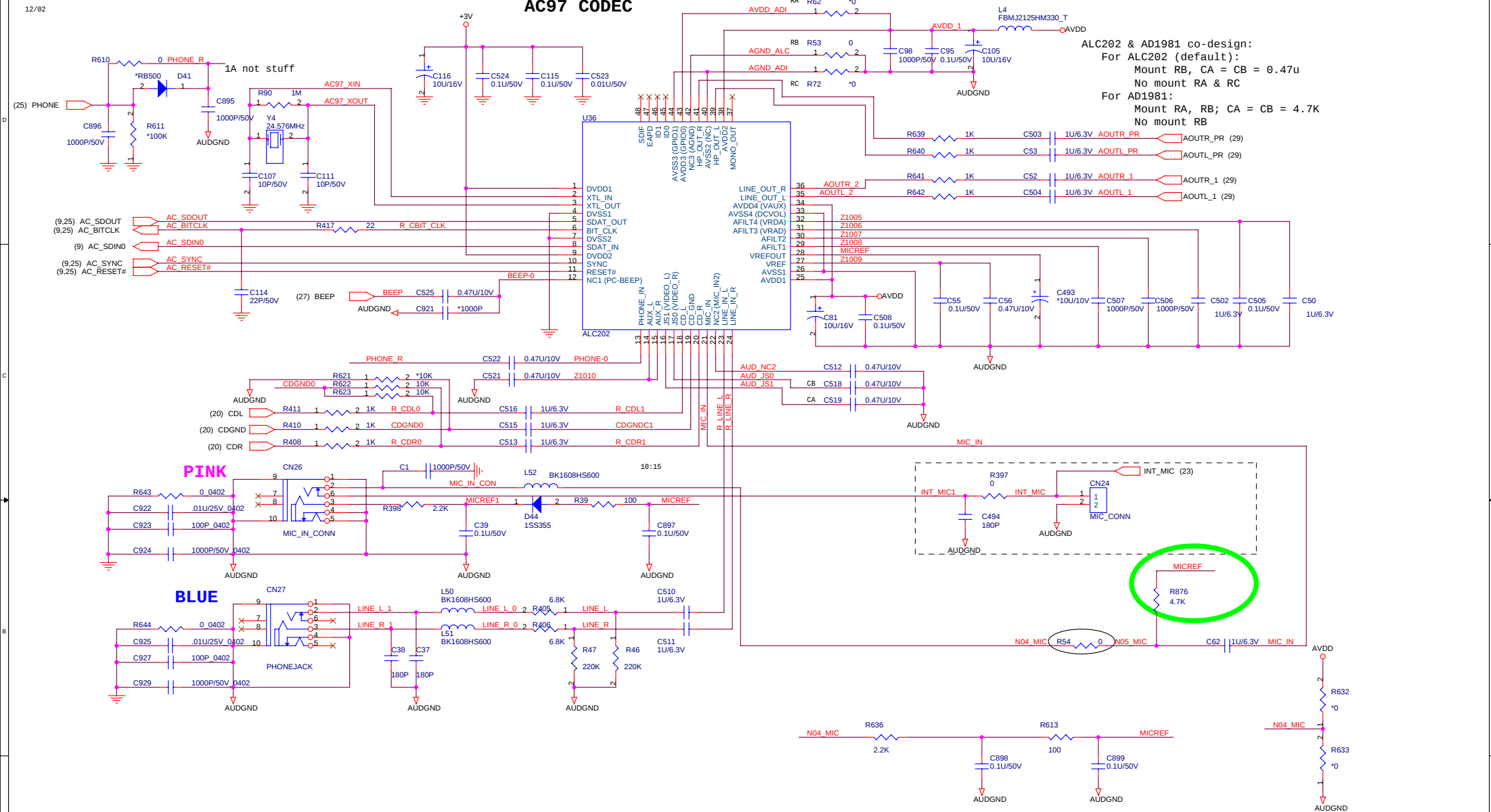


AUDIO POWER

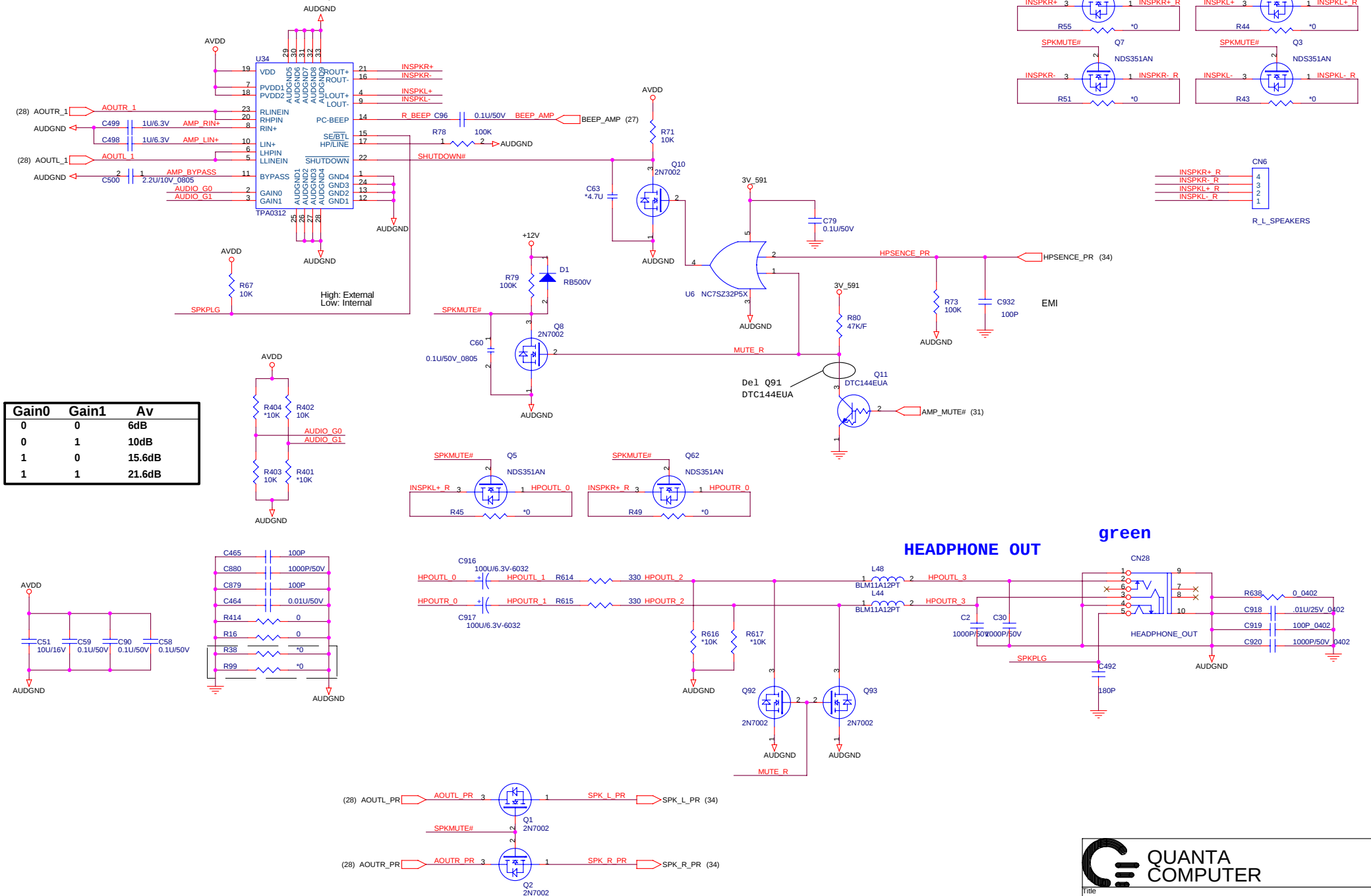


Title			AUDIO POWER & BEEP & FDD SEL
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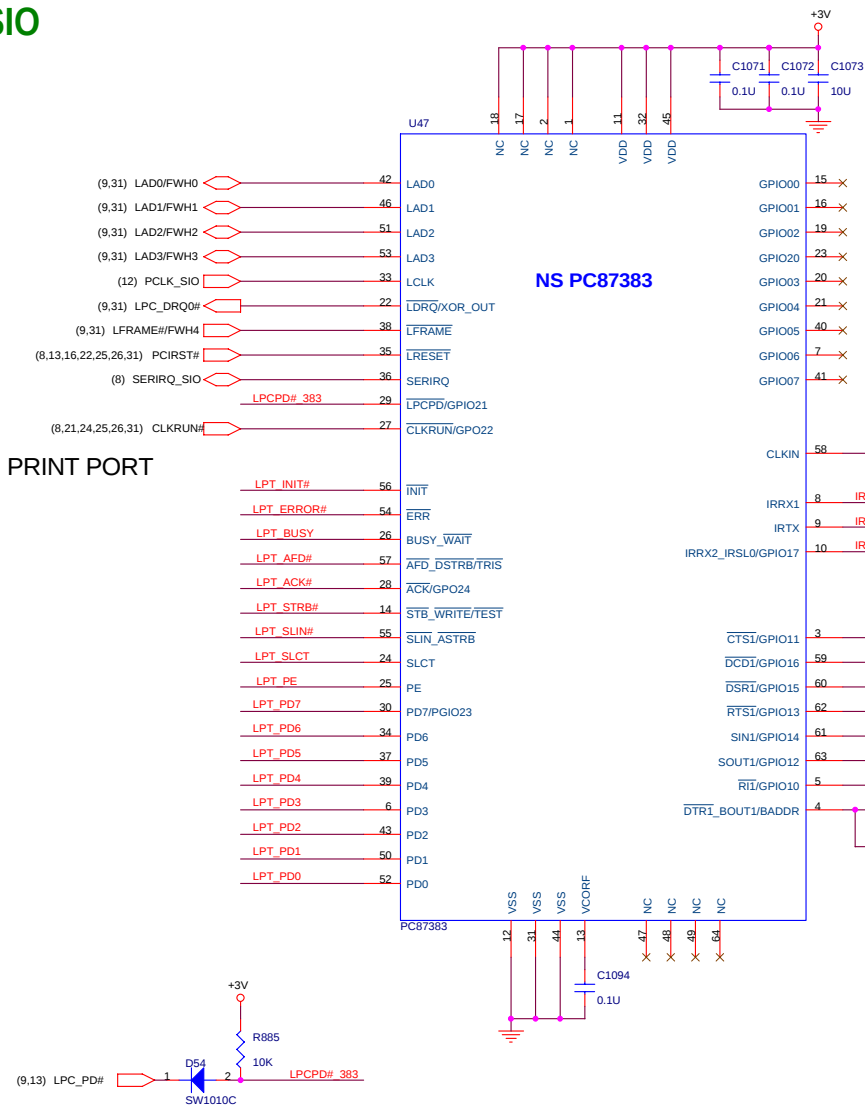
AC97 CODEC



Audio Amplifier

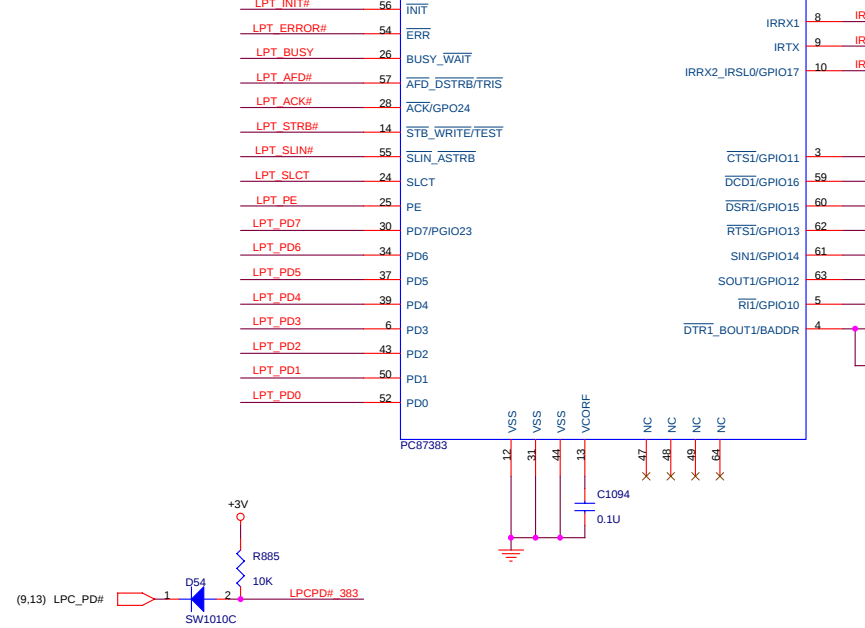


SIO

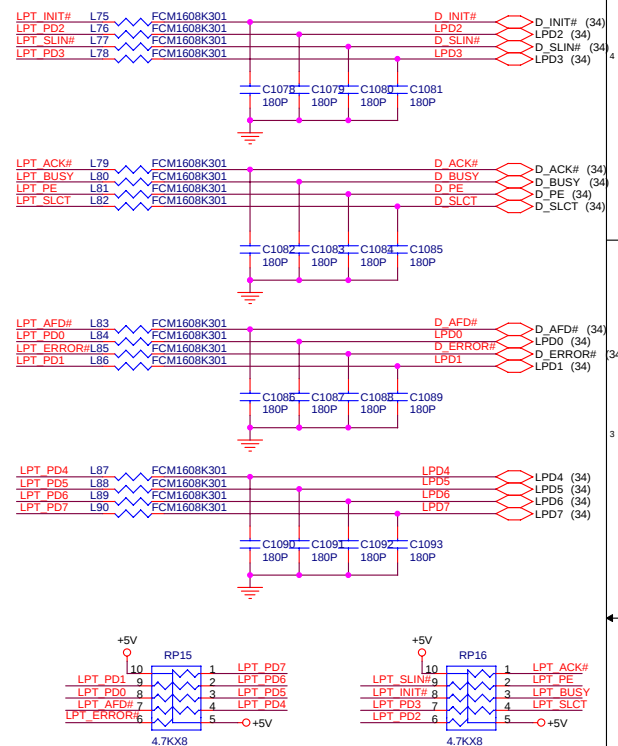


40mil: Power/ GND
35mil: VCC_LED, VCC_IC, GND_IC
10mil: TXD, RXD, IRSEL, IRTX,
IRRX1

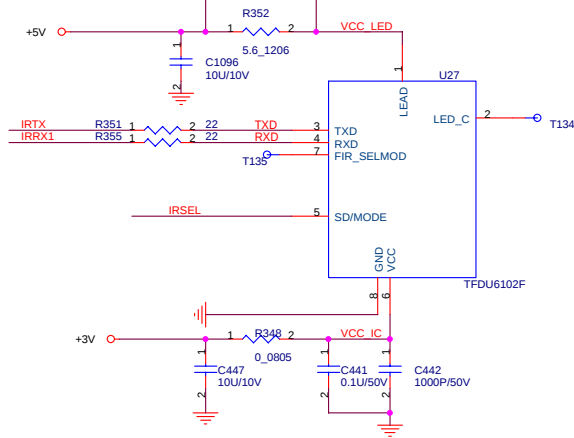
PRINT PORT



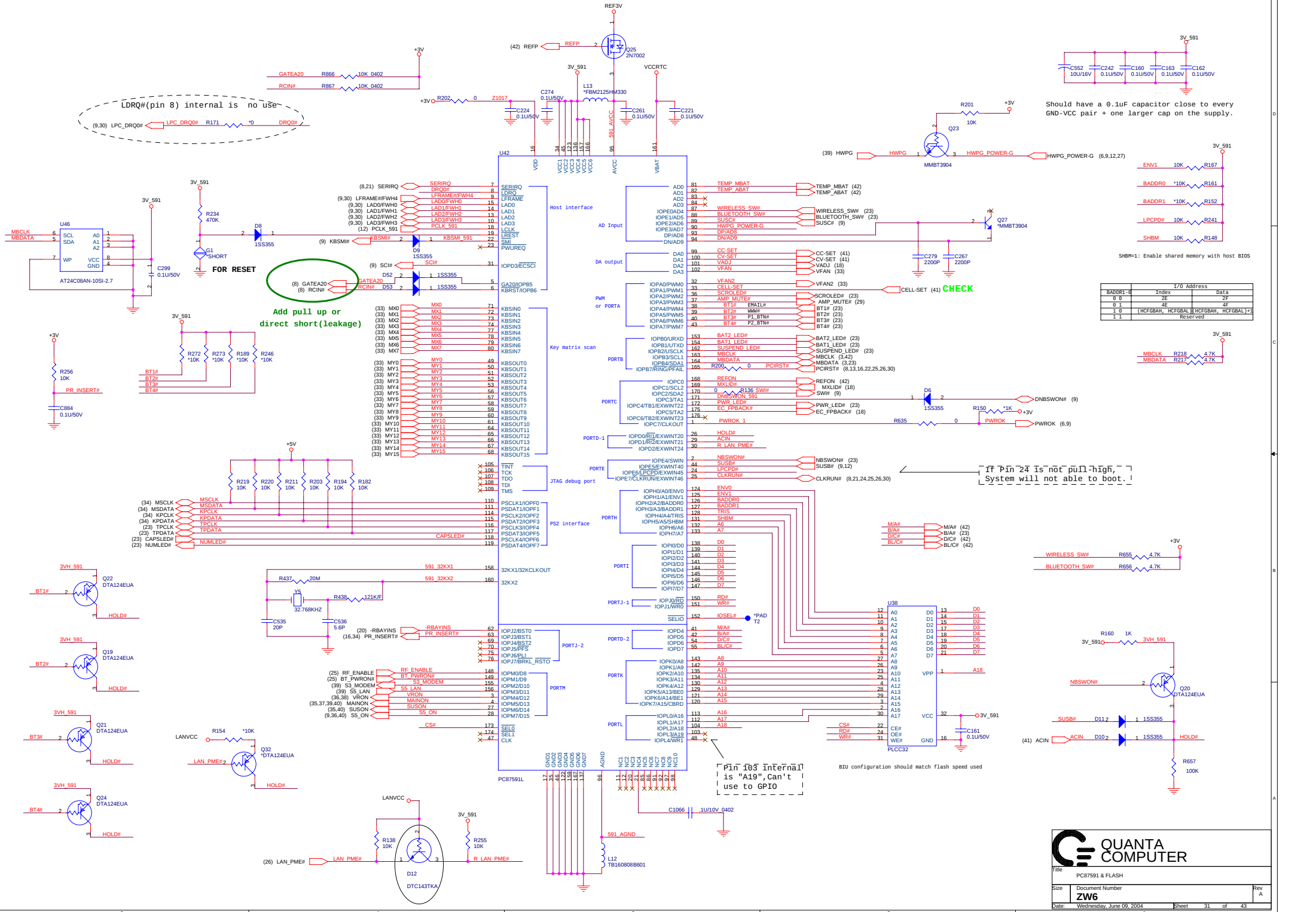
PRINT PORT

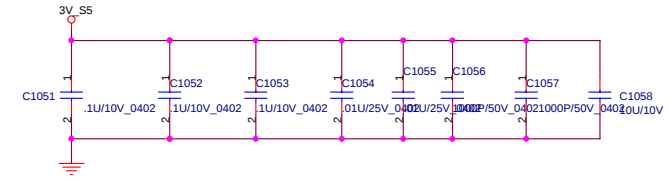
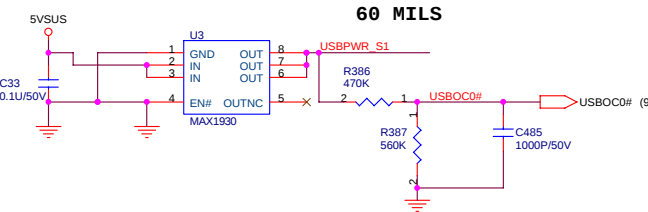
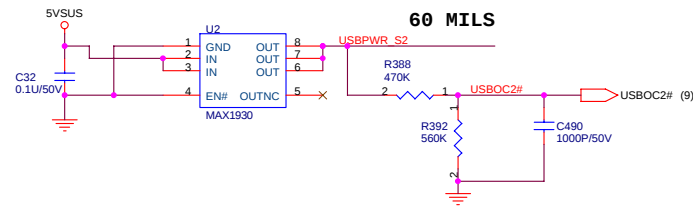
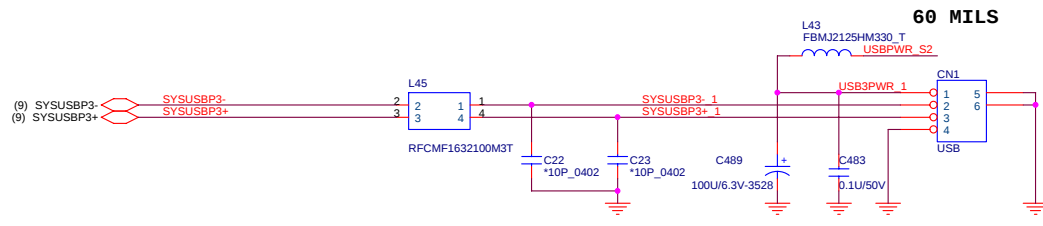
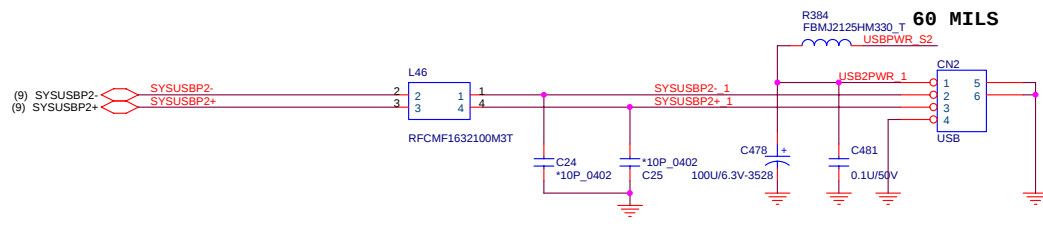
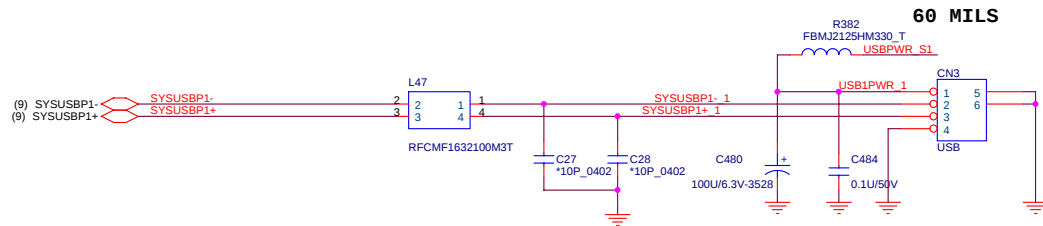
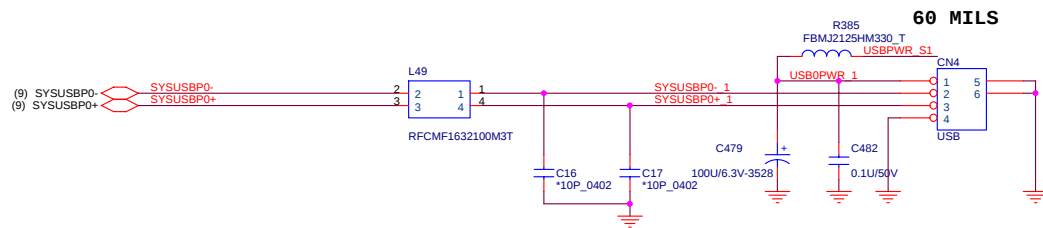


FIR

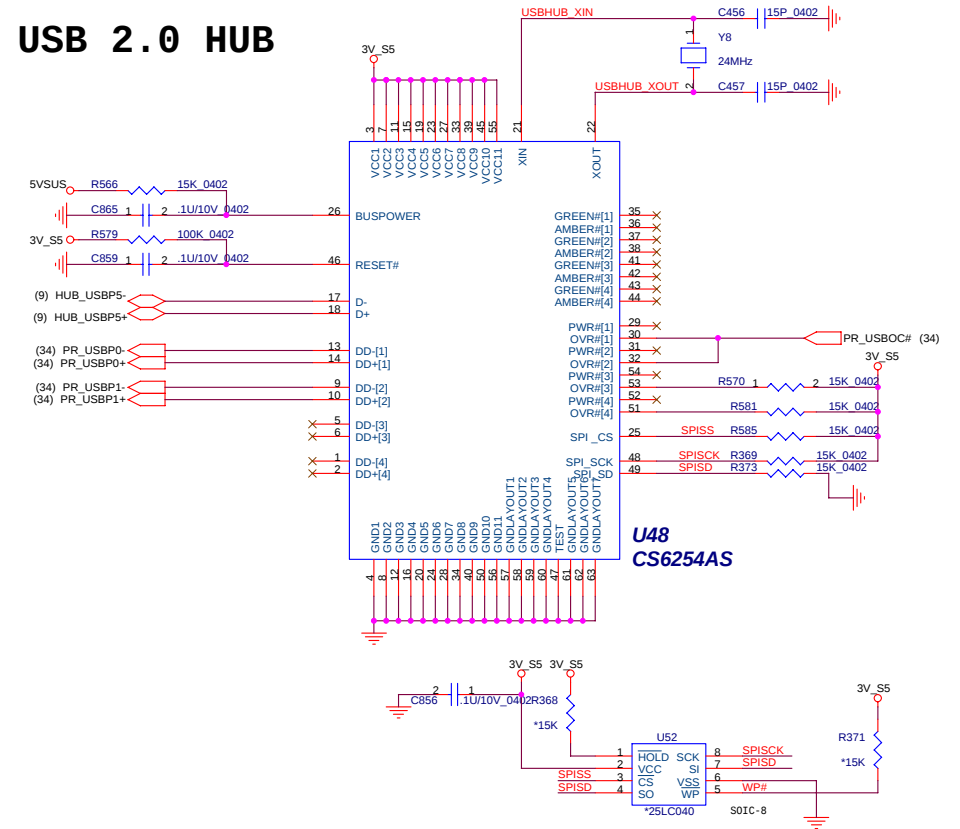


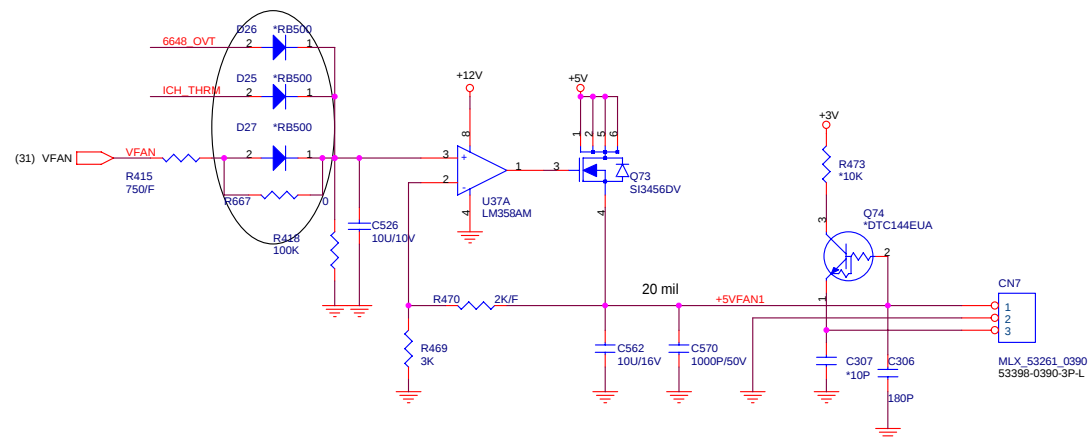
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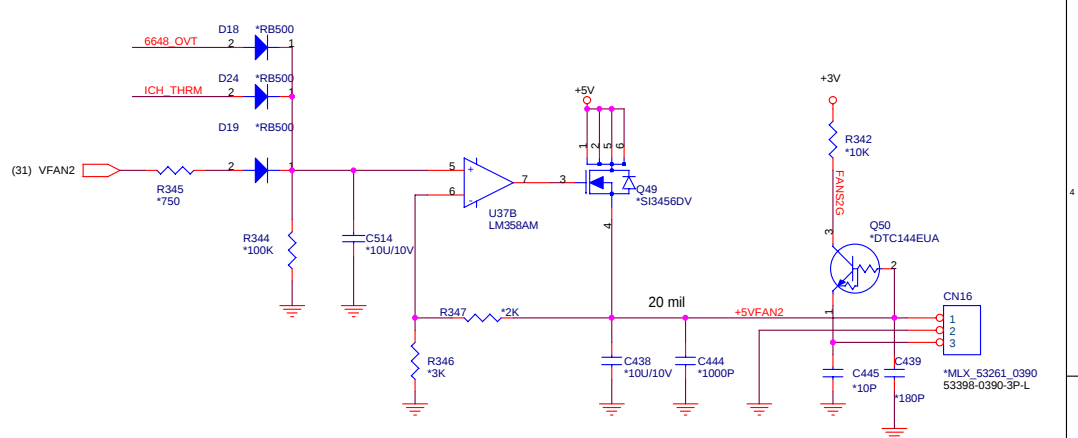


USB 2.0 HUB

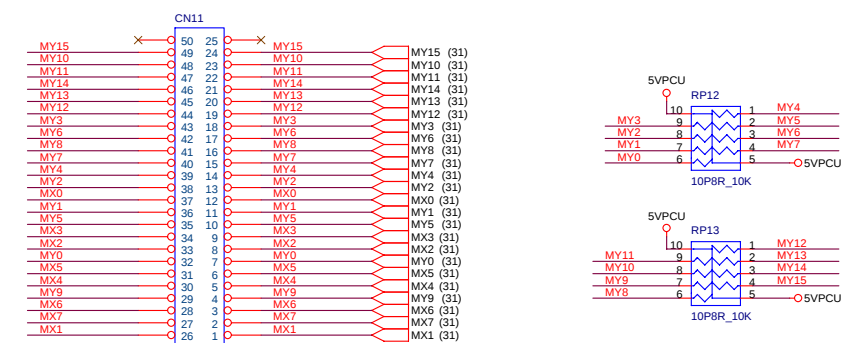
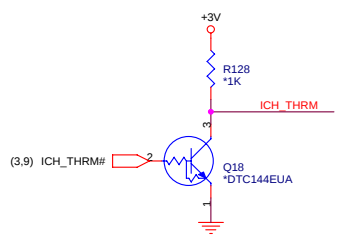
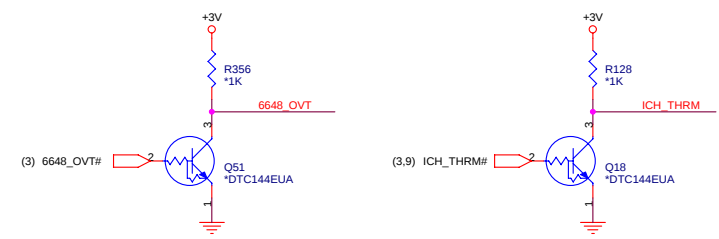




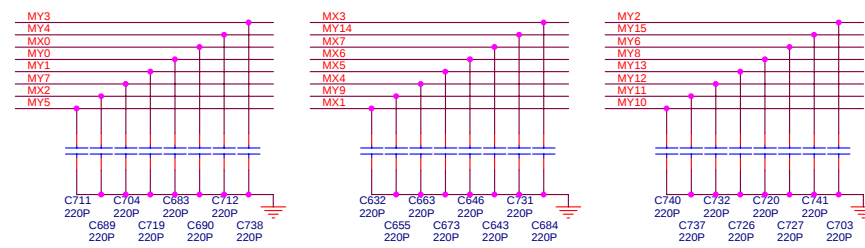
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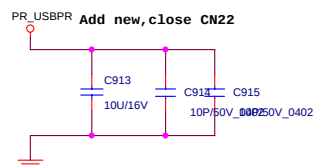
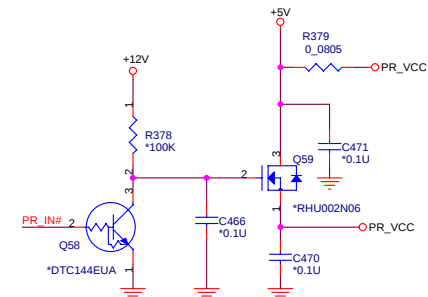


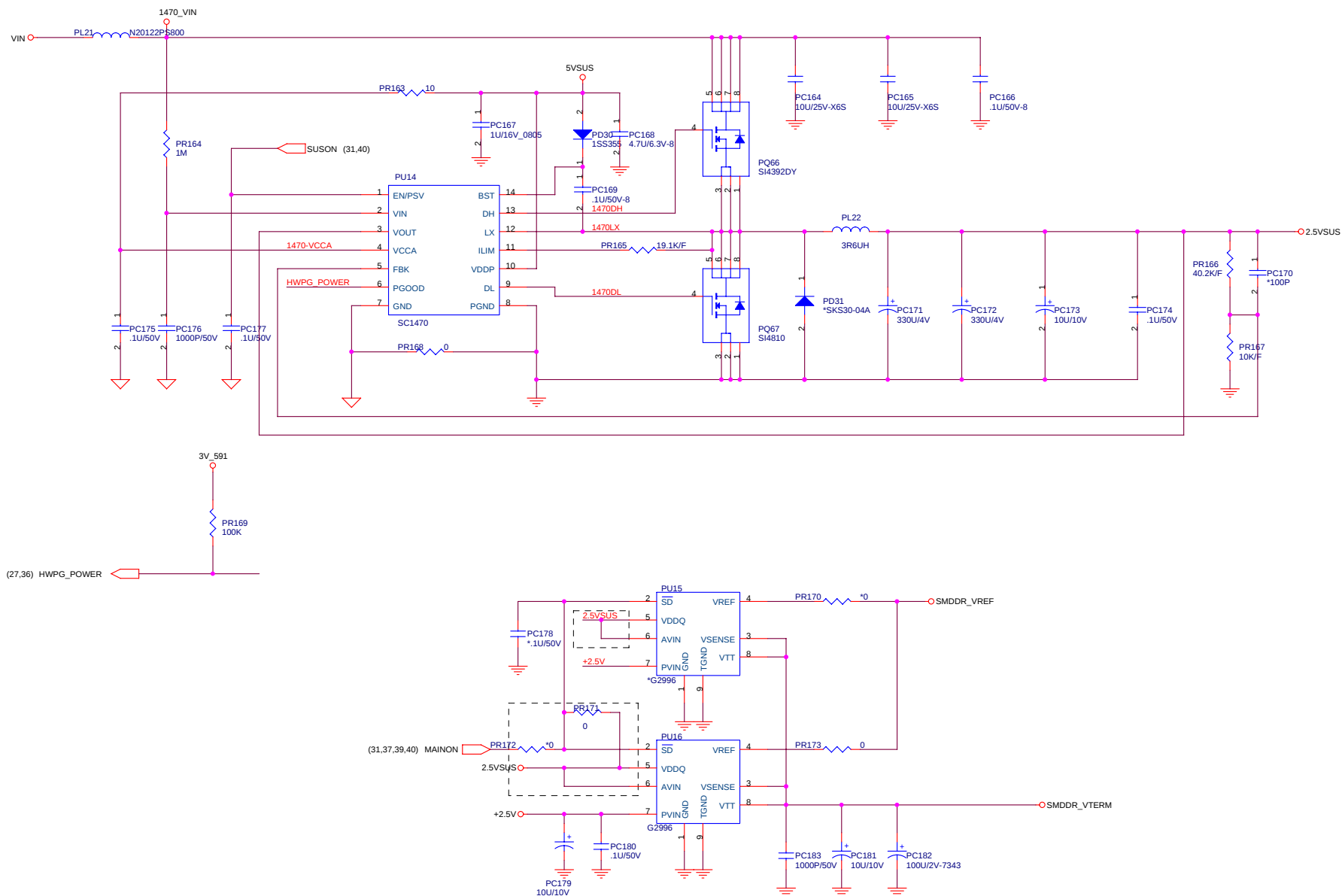
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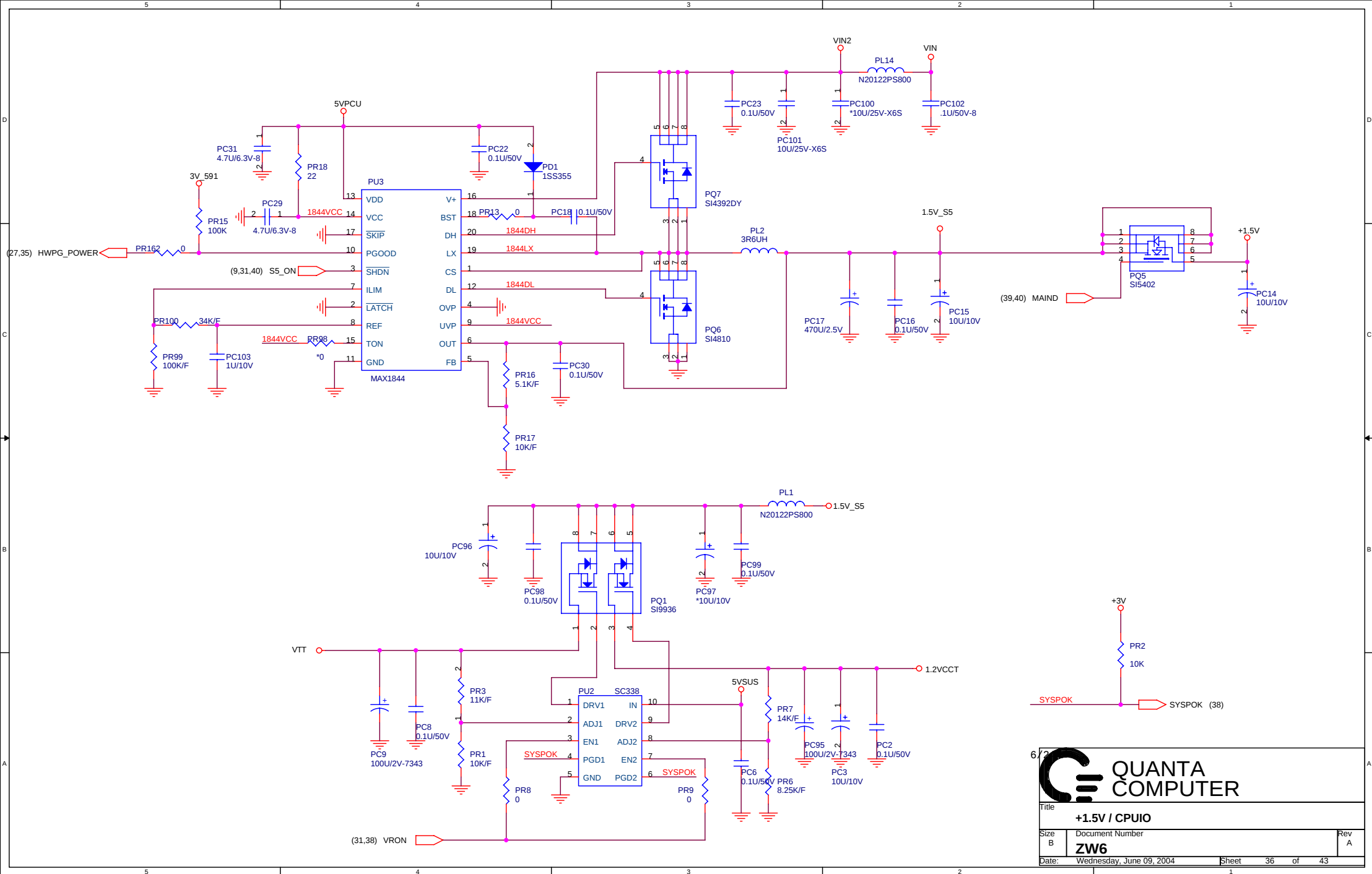


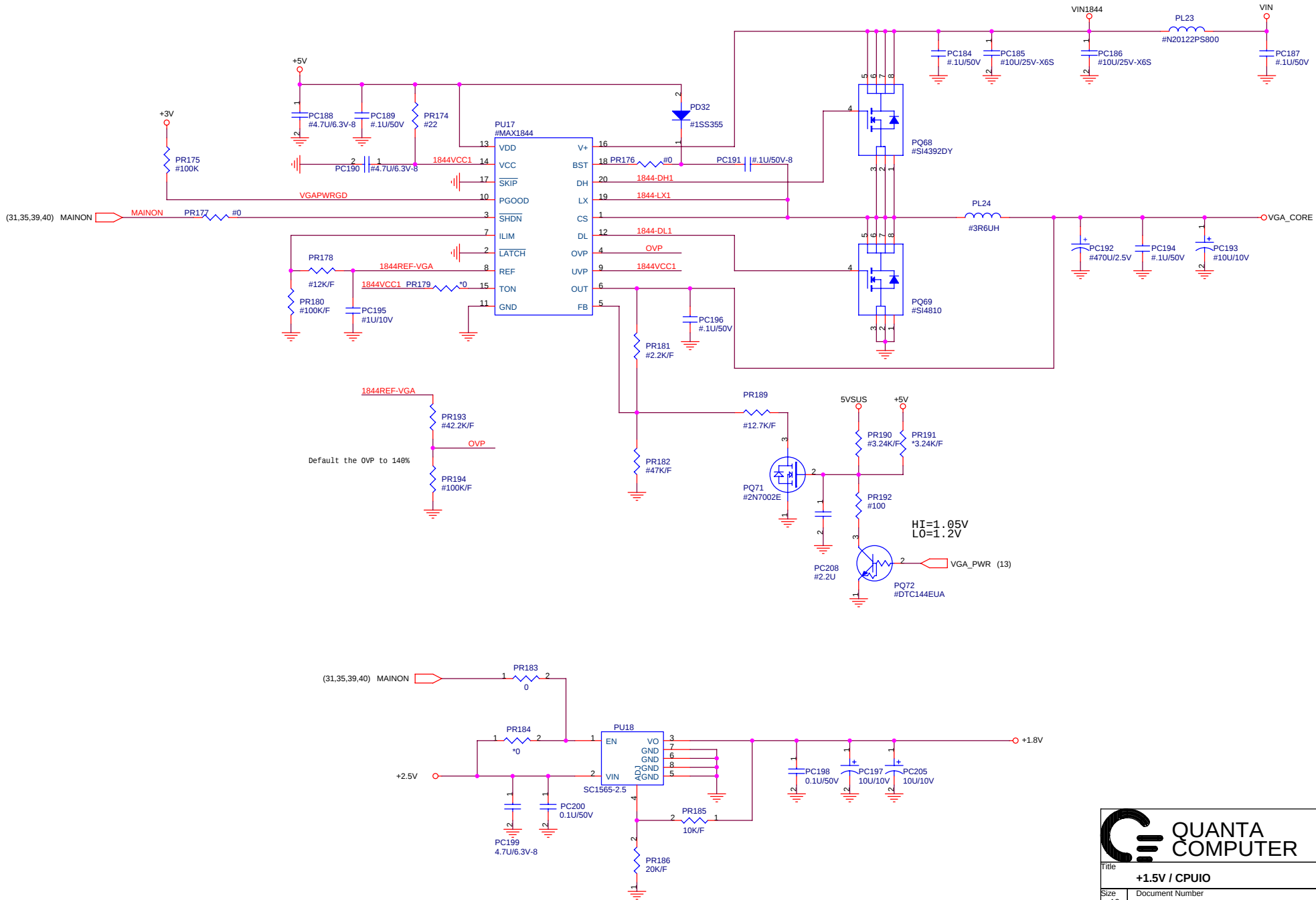
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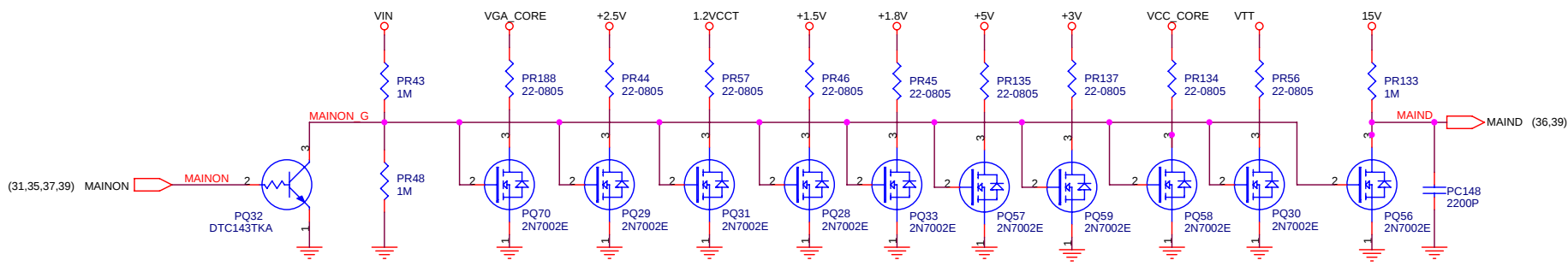
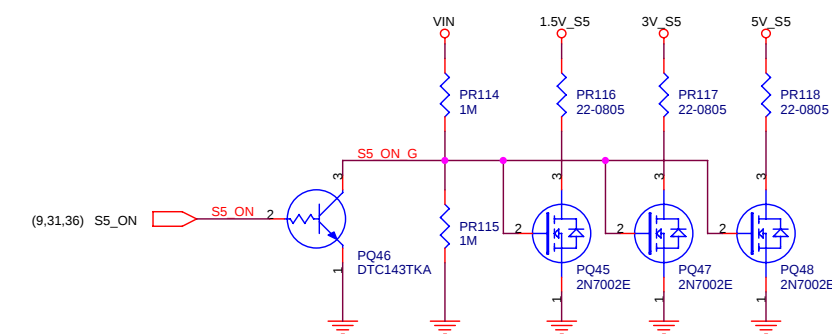
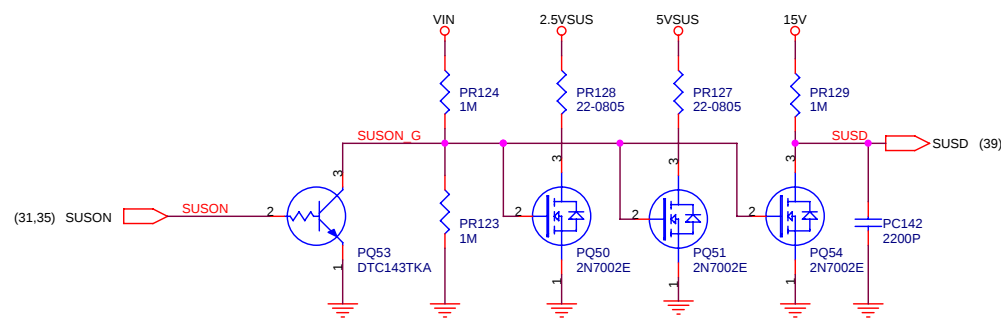
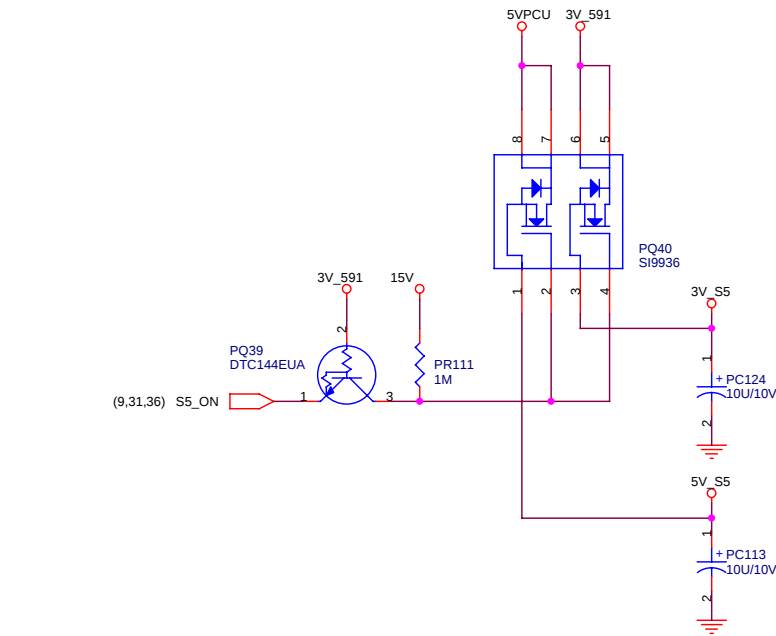










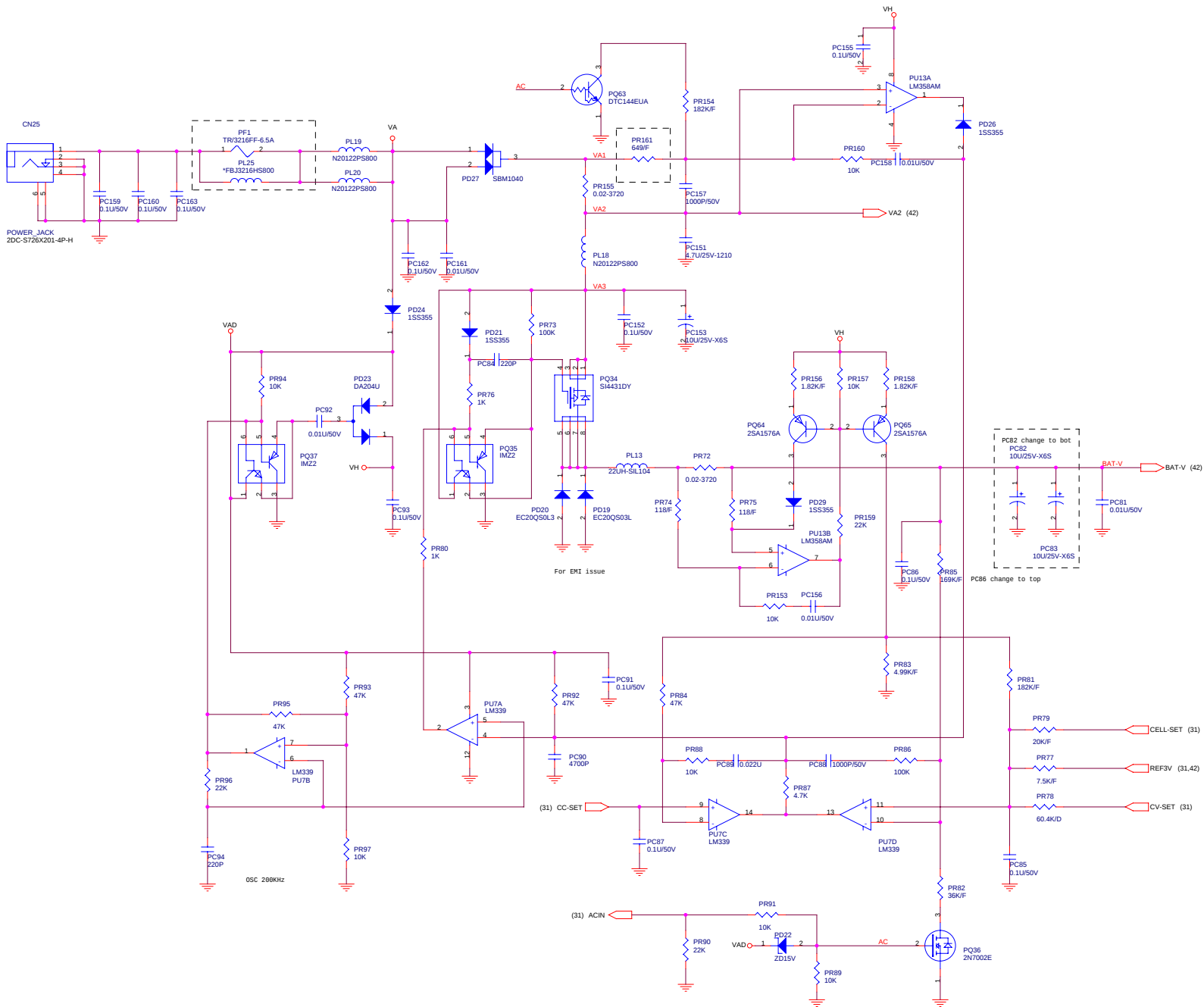




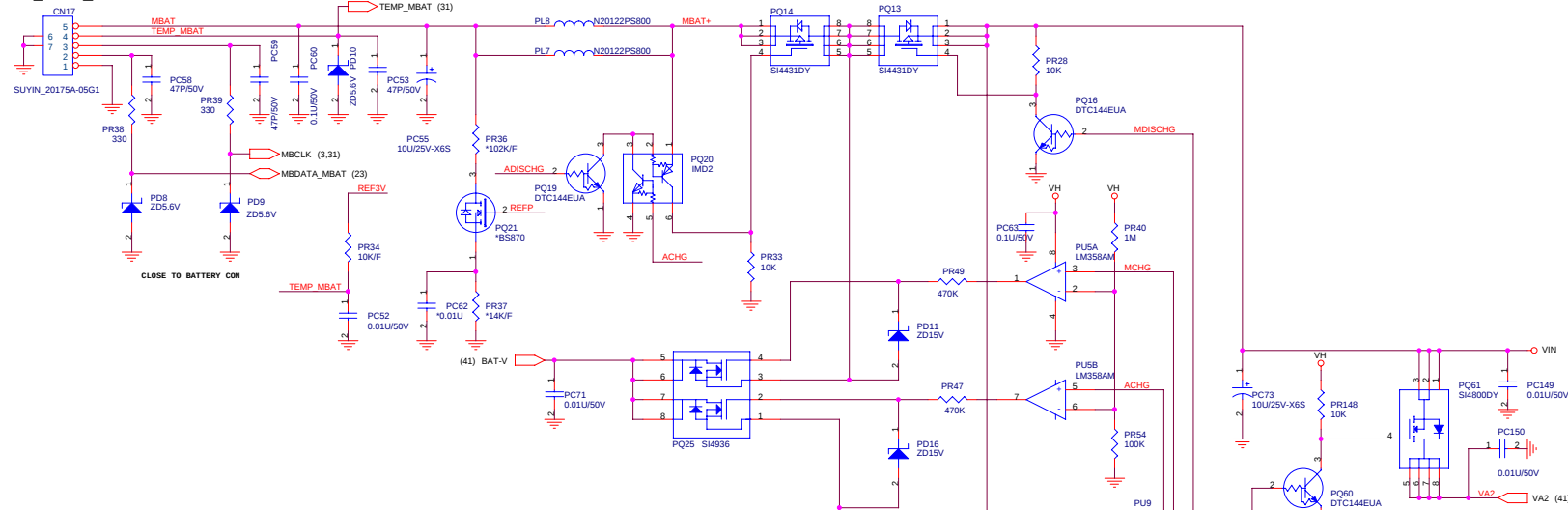
QUANTA

COMPUTER

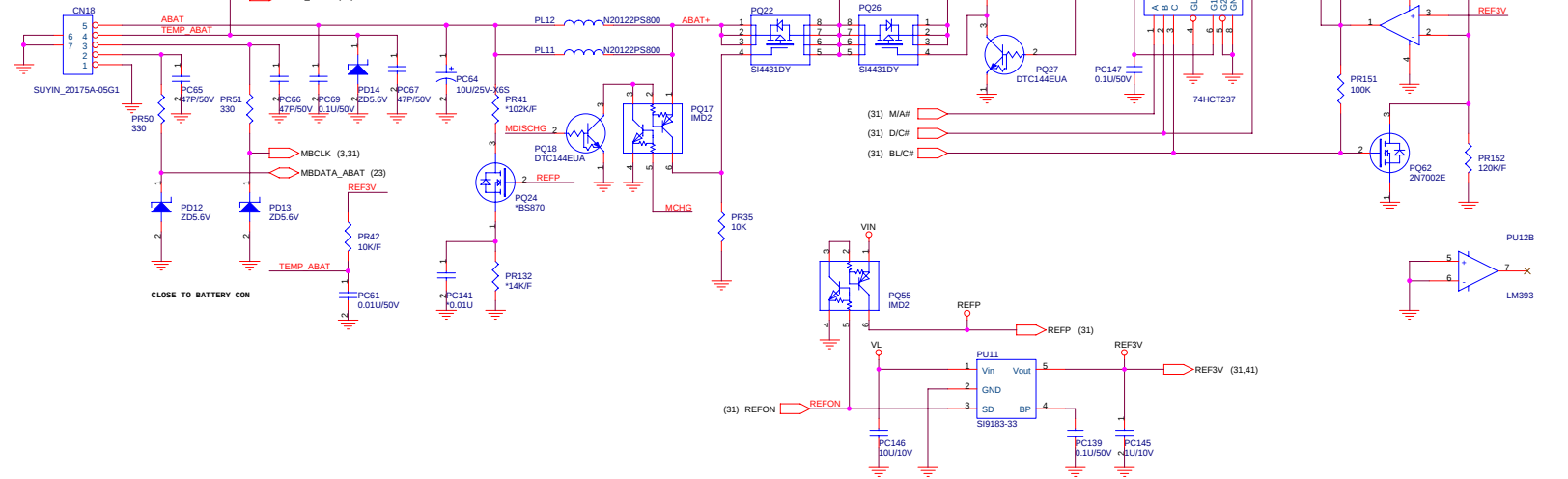
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Discharge Circuit		
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1ST_BATT_CONN



2ND_BATT_CONN



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Change list

Item	Fixed Issue	Reason for change	Rev.	PG#	Modify List	B.Ver#	
1	Z168 can't detect AGP device	CHANGE POWERJACK, PCMCIA, SIO DEL DVI ADD PRINTER PORT	A	6 7 18	DEL R775-R776 DEL R777-R784, R694-R697 DEL R777-R784, R694-R697	Rev B	



QUANTA
COMPUTER

Title

Battery Select

Size

Custom

Document Number

ZW6

Date

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A