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Quanta Computer Inc.

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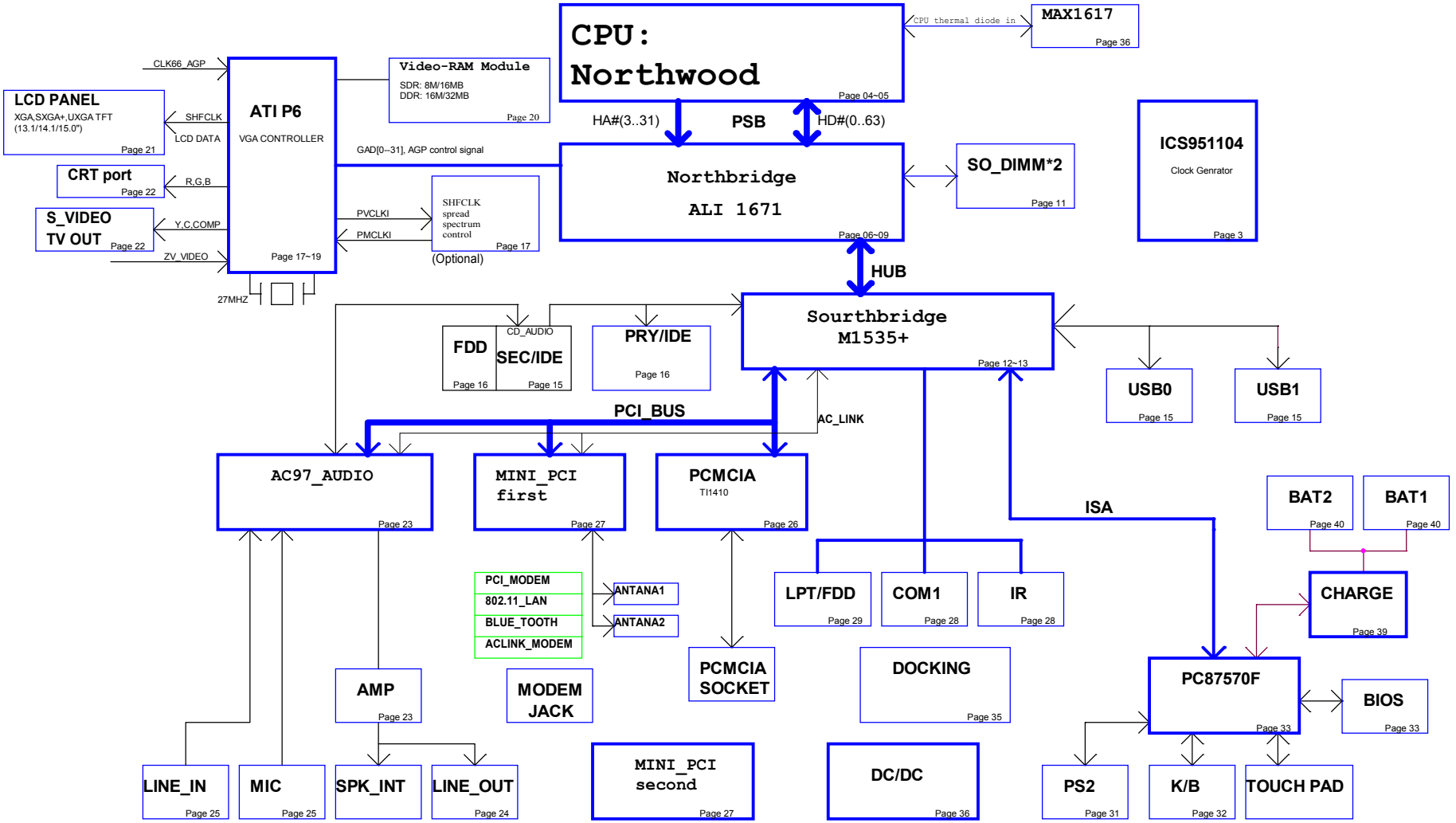
RT6.0



Quanta Computer Inc.

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Custom	BLOCK DIAGRAM	A
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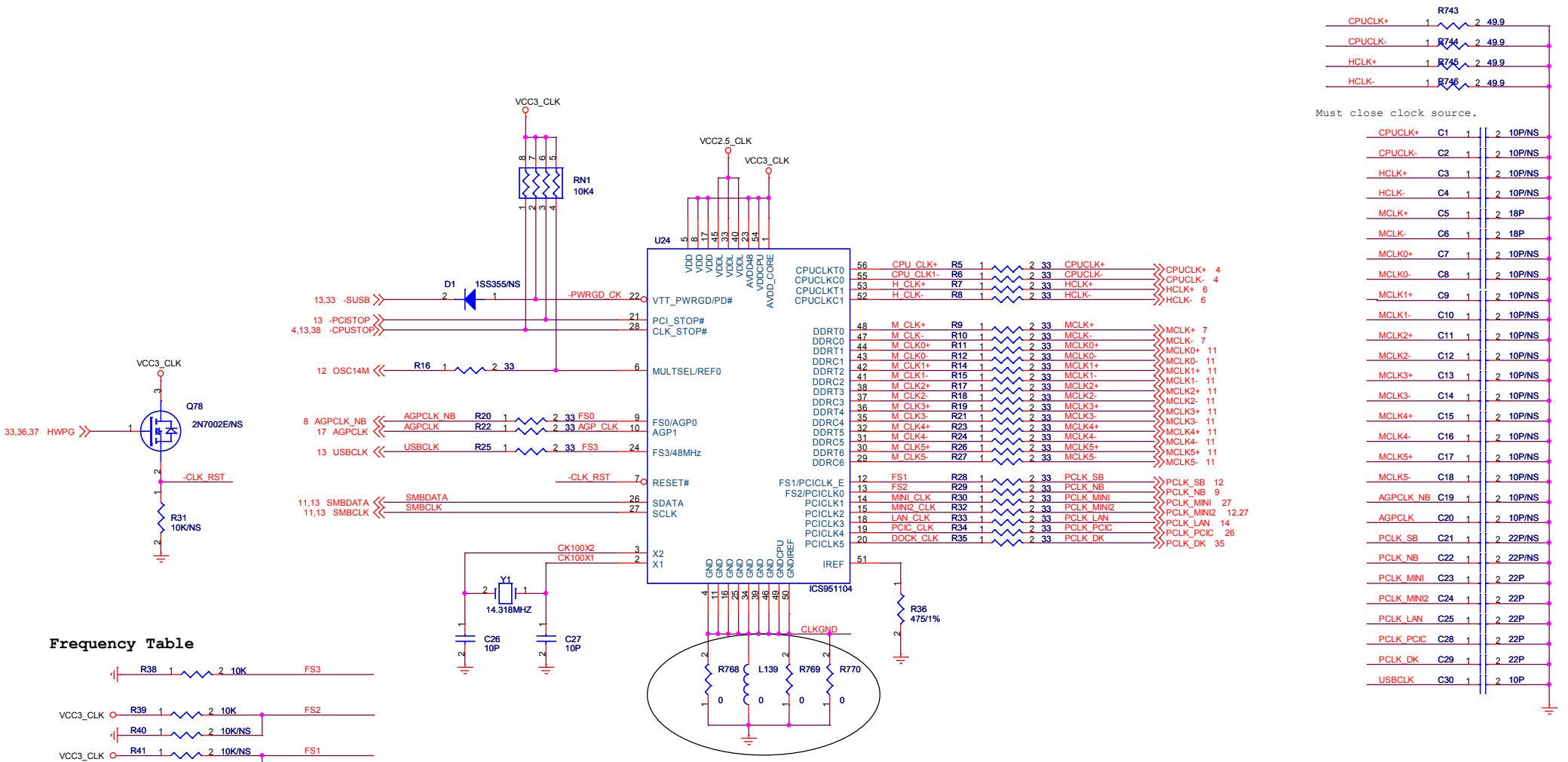
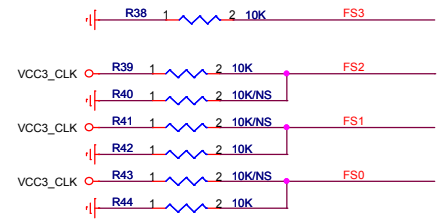
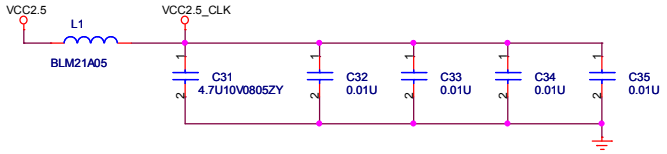
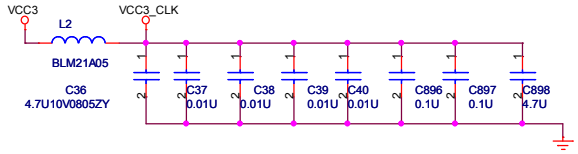


Frequency Table



FS[3..0]	CPUCLK	AGPCLK	DDR
0 0 0 0	66.66	66.66	66.66
0 0 0 1	66.66	66.66	100.00
0 0 1 0	100.00	66.66	66.66
0 0 1 1	100.00	66.66	100.00
0 1 0 0	100.00	66.66	133.33





QUANTA COMPUTER

Title	Clock Generator	
Size: Custom	Document Number: ICS_CLOCK GENERATOR	Rev: A
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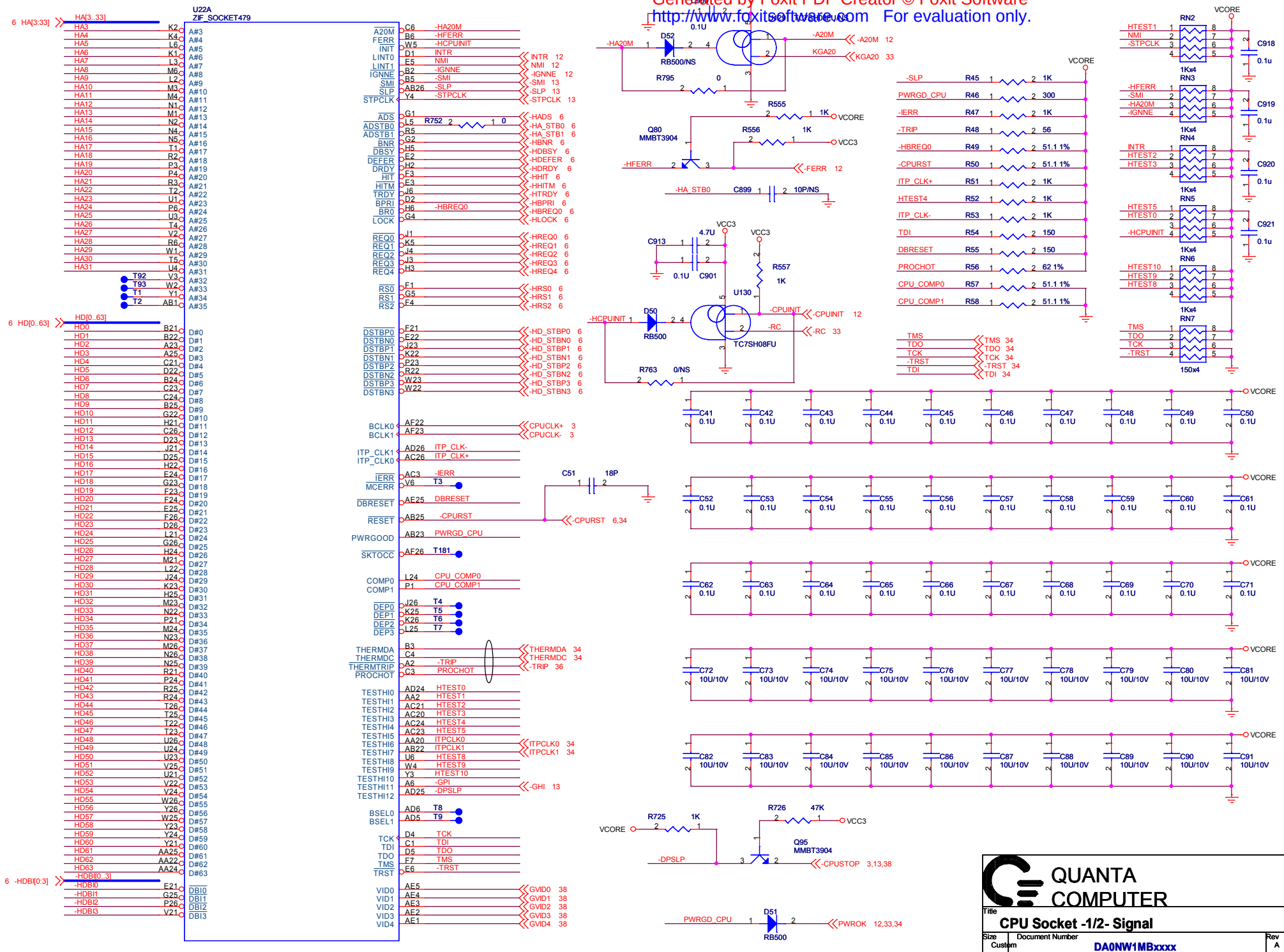

QUANTA COMPUTER

Title: CPU Socket -1/2- Signal

Size	Document Number	Rev
Custom	DA0NW1MBxxxx	A

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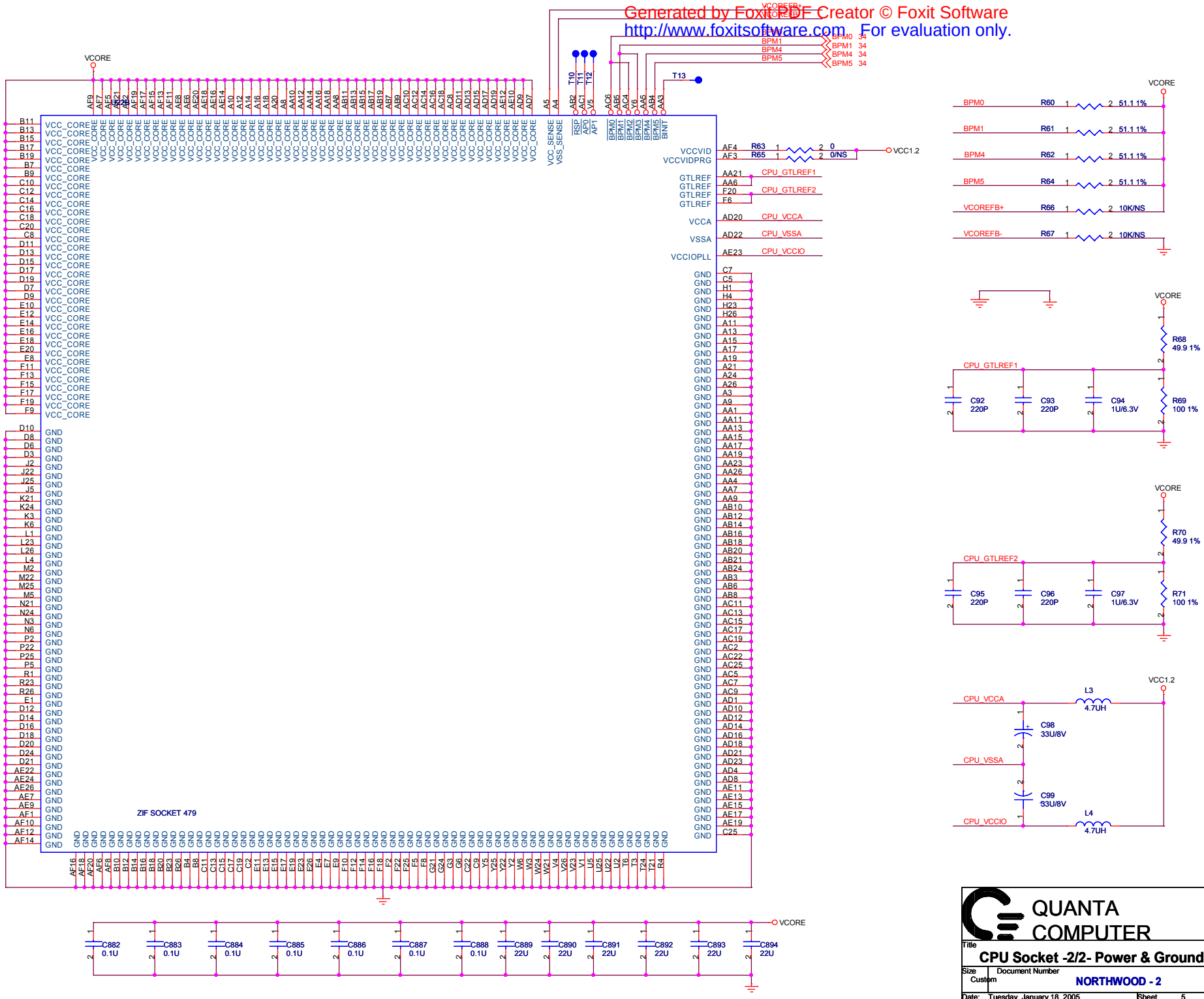

QUANTA COMPUTER

Title: CPU Socket -2/2- Power & Ground

Size	Document Number	Rev
Custom	NORTHWOOD - 2	A

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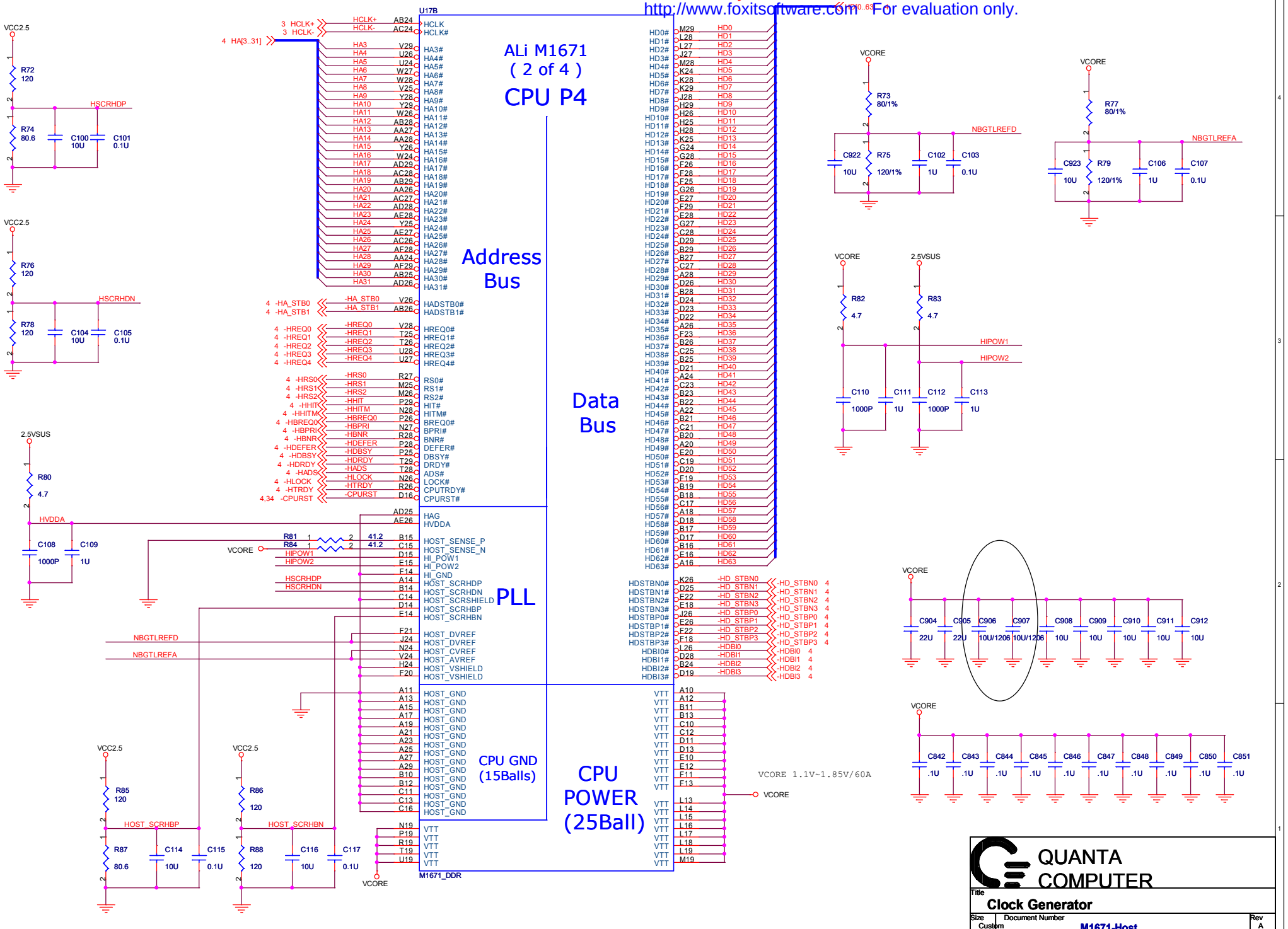

QUANTA COMPUTER

Title: **Clock Generator**

Size	Document Number	Rev
Custom	M1671-Host	A

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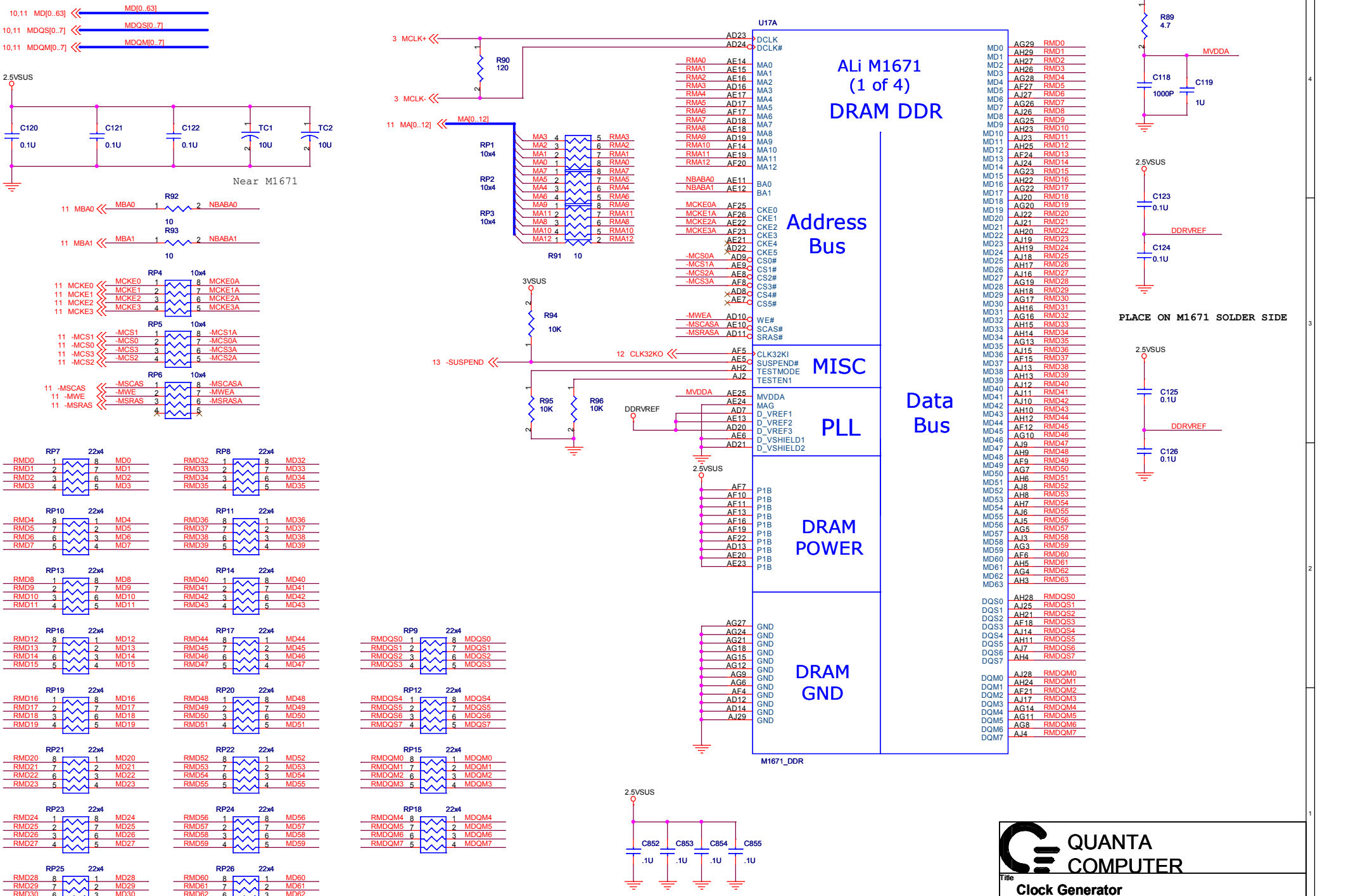

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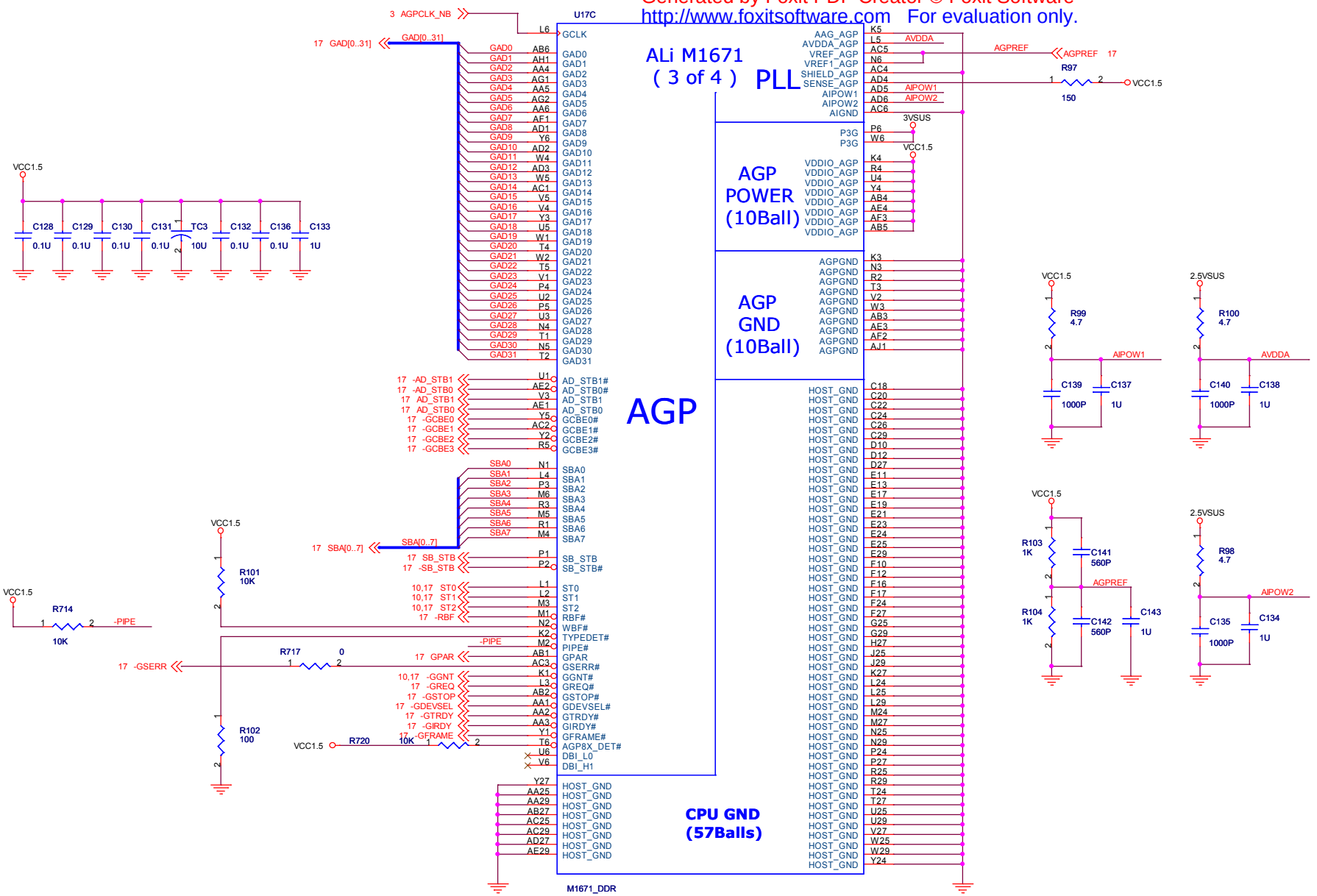

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Size: Custom	Document Number: M1671-AGP	Rev: A
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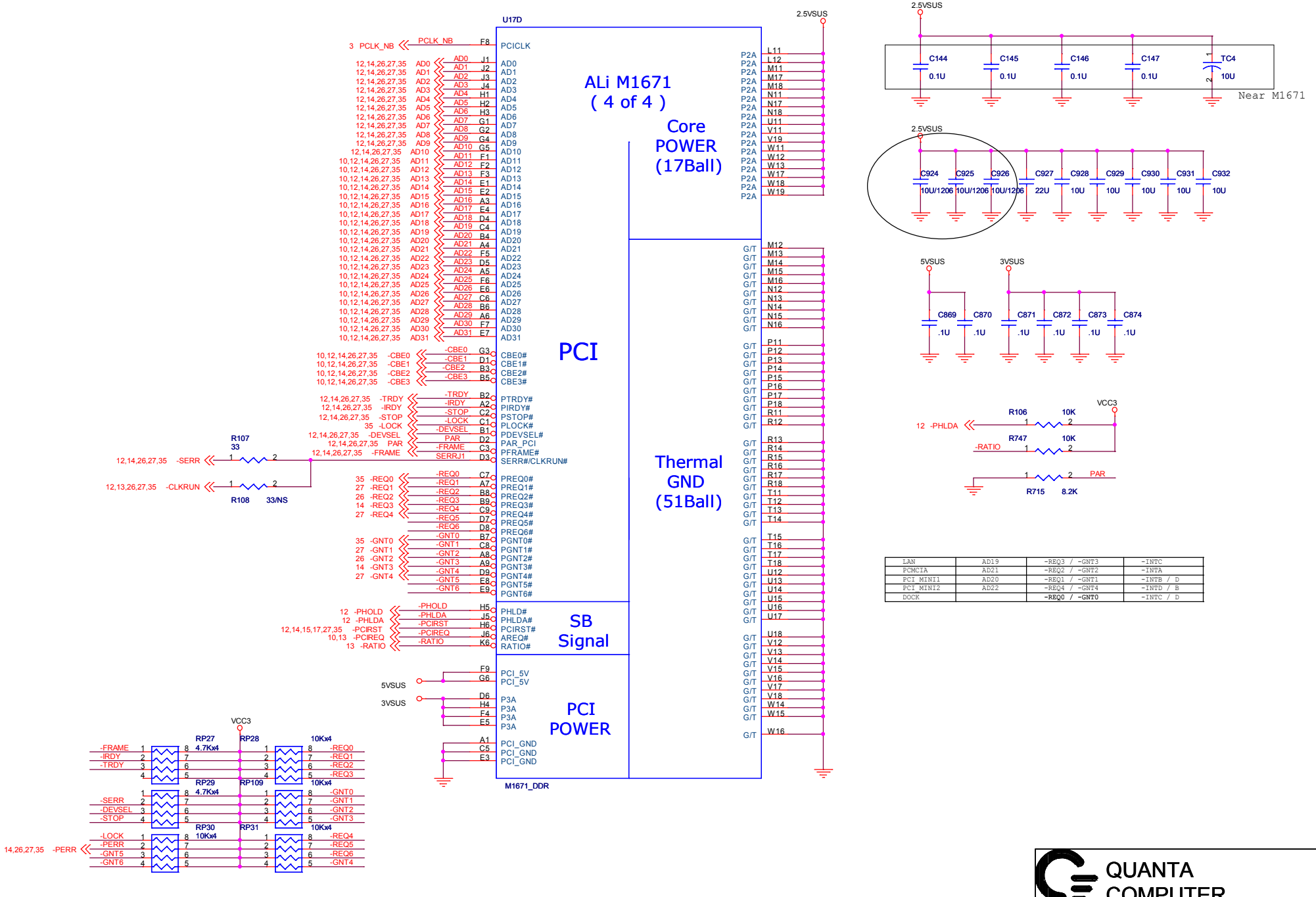

LAN	AD19	-REQ3 / -GNT3	-INTC
PCMCIA	AD21	-REQ2 / -GNT2	-INTA
PCI_MINI1	AD20	-REQ1 / -GNT1	-INTB / D
PCI_MINI2	AD22	-REQ4 / -GNT4	-INTD / B
DOCK		-REQ0 / -GNT0	-INTC / D

QUANTA COMPUTER

Title: Clock Generator

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Custom	M1671-PCI	A

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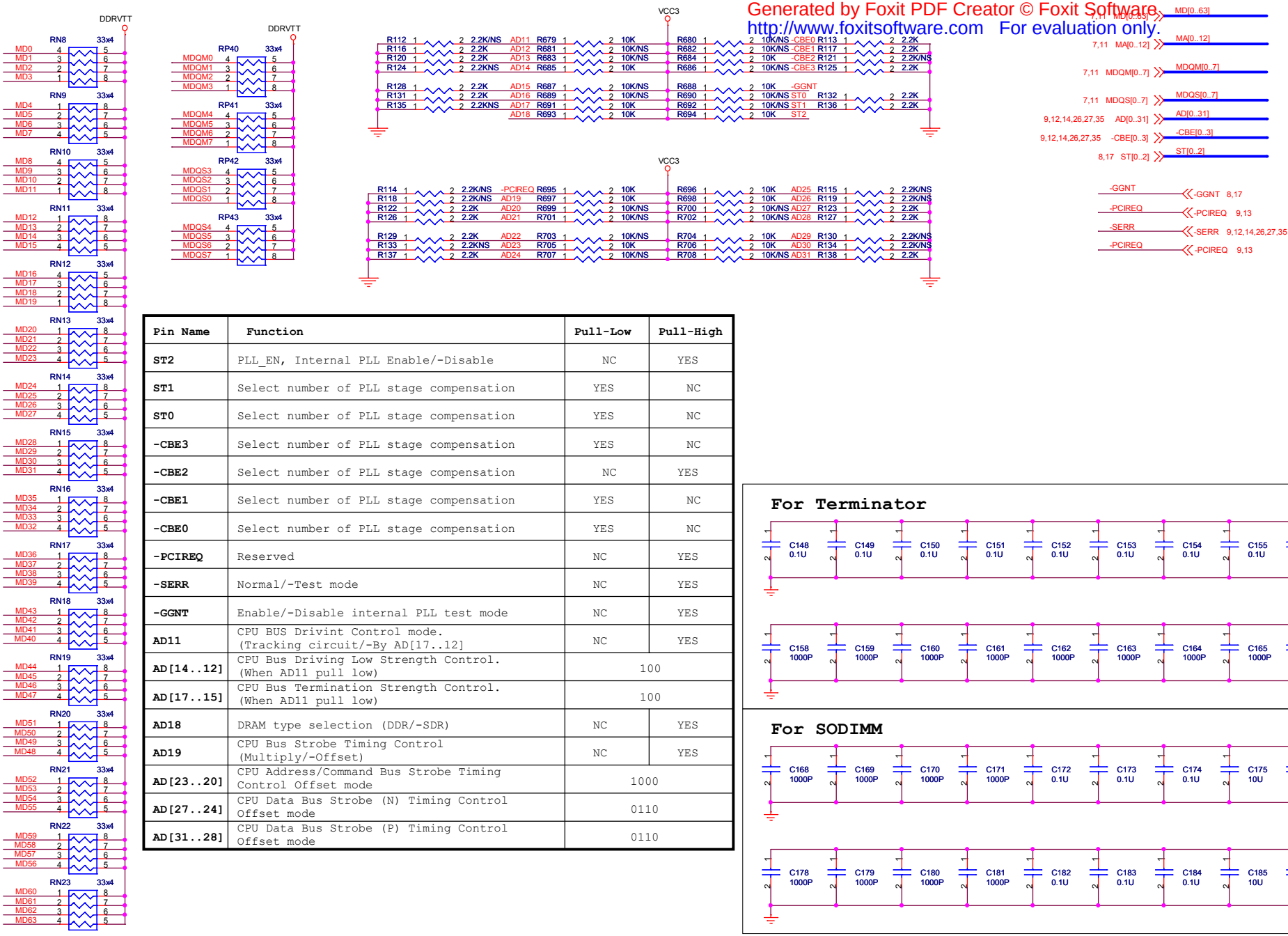
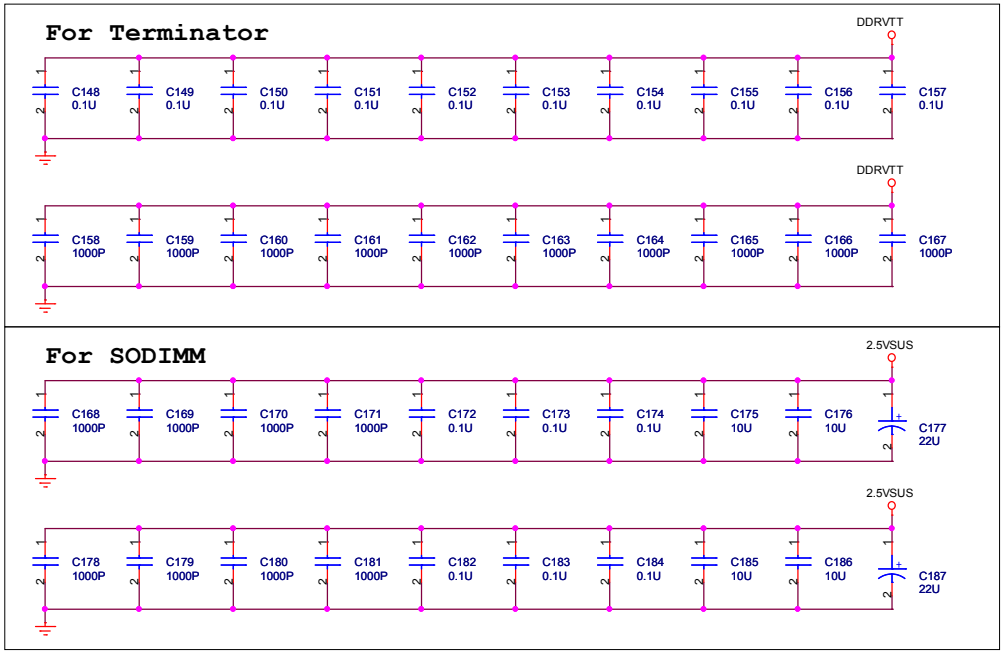


Pin Name	Function	Pull-Low	Pull-High
ST2	PLL_EN, Internal PLL Enable/-Disable	NC	YES
ST1	Select number of PLL stage compensation	YES	NC
ST0	Select number of PLL stage compensation	YES	NC
-CBE3	Select number of PLL stage compensation	YES	NC
-CBE2	Select number of PLL stage compensation	NC	YES
-CBE1	Select number of PLL stage compensation	YES	NC
-CBE0	Select number of PLL stage compensation	YES	NC
-PCIREQ	Reserved	NC	YES
-SERR	Normal/-Test mode	NC	YES
-GGNT	Enable/-Disable internal PLL test mode	NC	YES
AD11	CPU BUS Drivint Control mode. (Tracking circuit/-By AD[17..12]	NC	YES
AD[14..12]	CPU Bus Driving Low Strength Control. (When AD11 pull low)	100	
AD[17..15]	CPU Bus Termination Strength Control. (When AD11 pull low)	100	
AD18	DRAM type selection (DDR/-SDR)	NC	YES
AD19	CPU Bus Strobe Timing Control (Multiply/-Offset)	NC	YES
AD[23..20]	CPU Address/Command Bus Strobe Timing Control Offset mode	1000	
AD[27..24]	CPU Data Bus Strobe (N) Timing Control Offset mode	0110	
AD[31..28]	CPU Data Bus Strobe (P) Timing Control Offset mode	0110	



QUANTA COMPUTER

Title: Memory -1/2- Damping & Terminator

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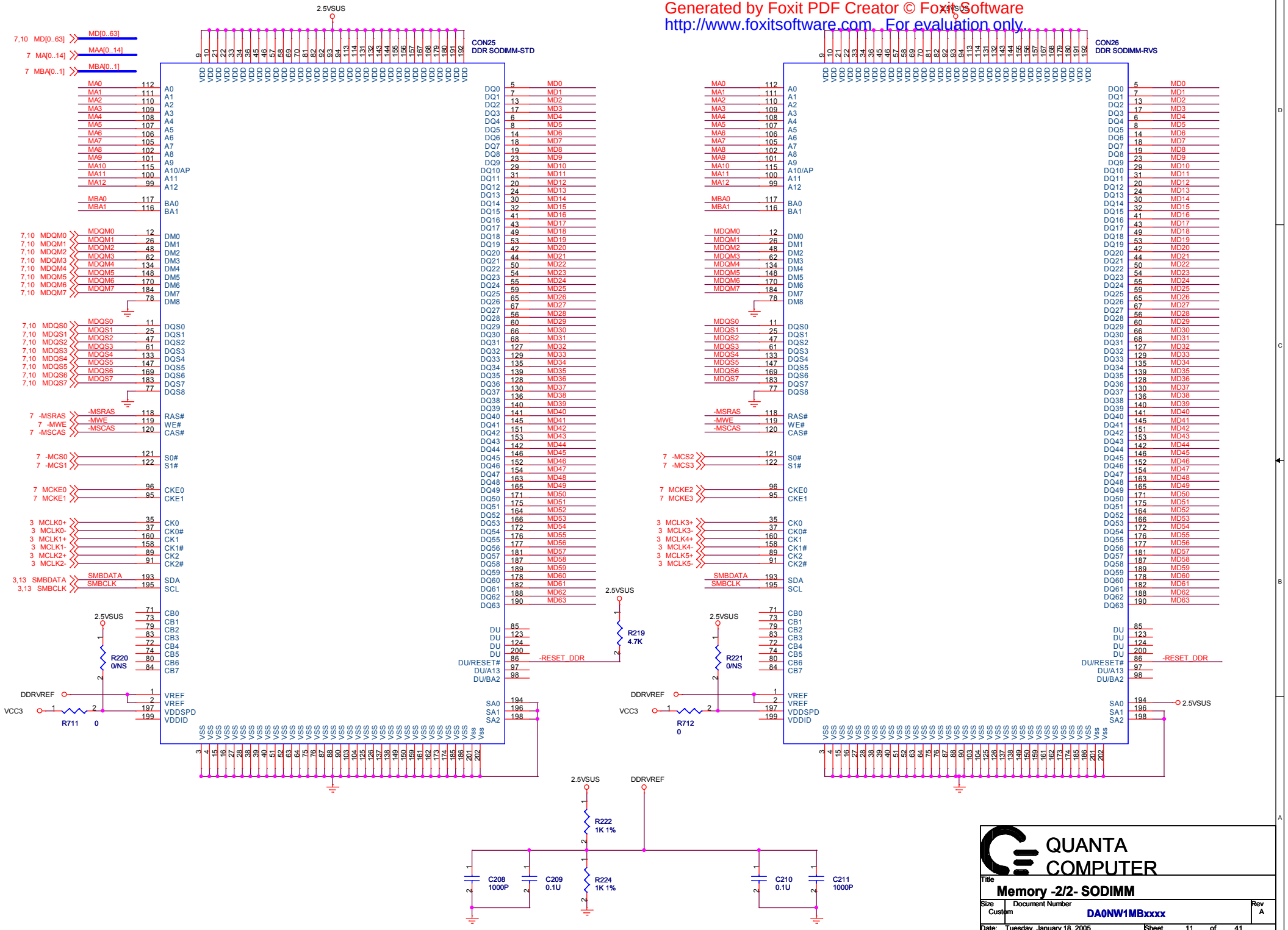

QUANTA COMPUTER

Title: Memory -2/2- SODIMM

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Custom	DA0NW1MBxxxx	A

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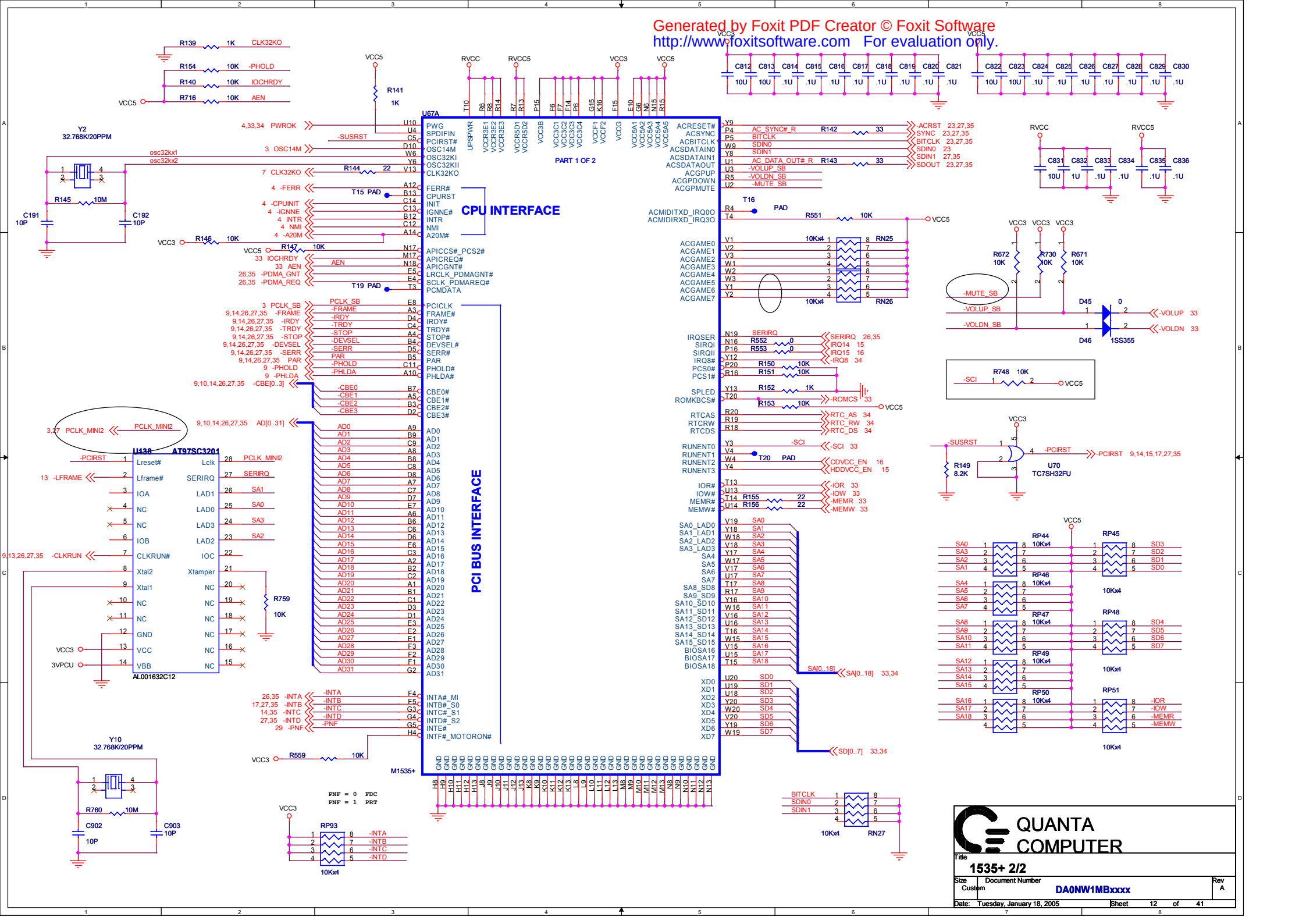

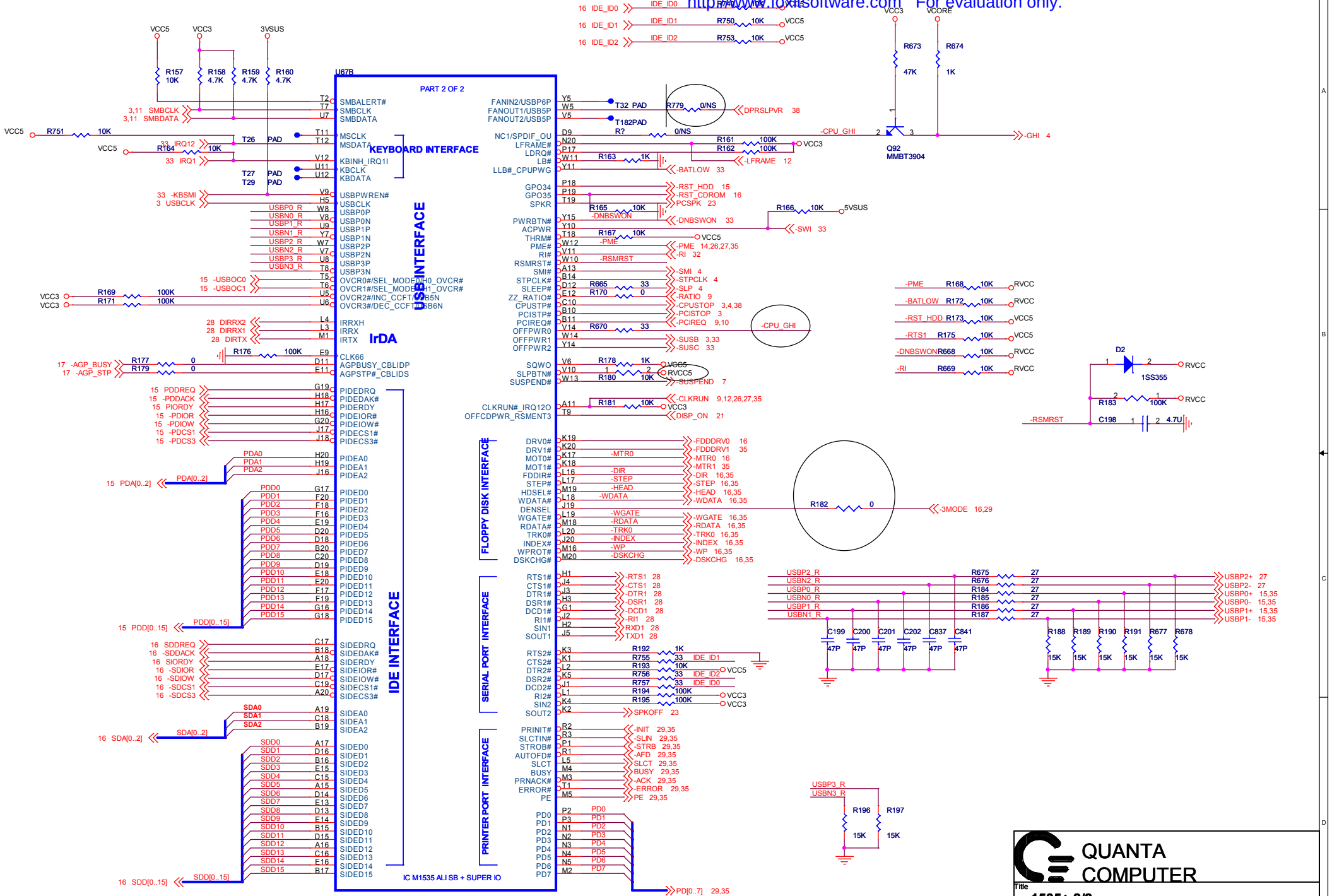

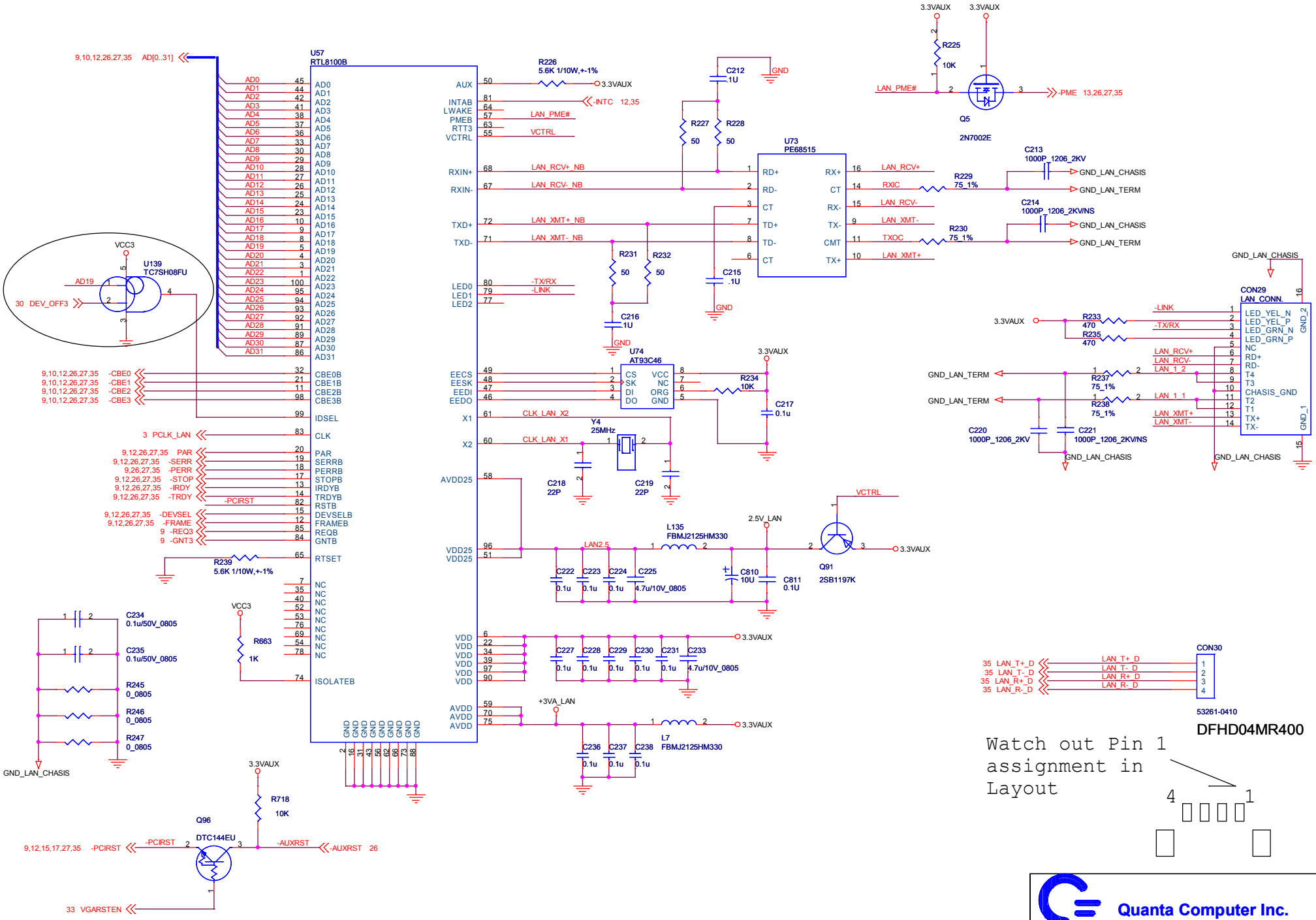

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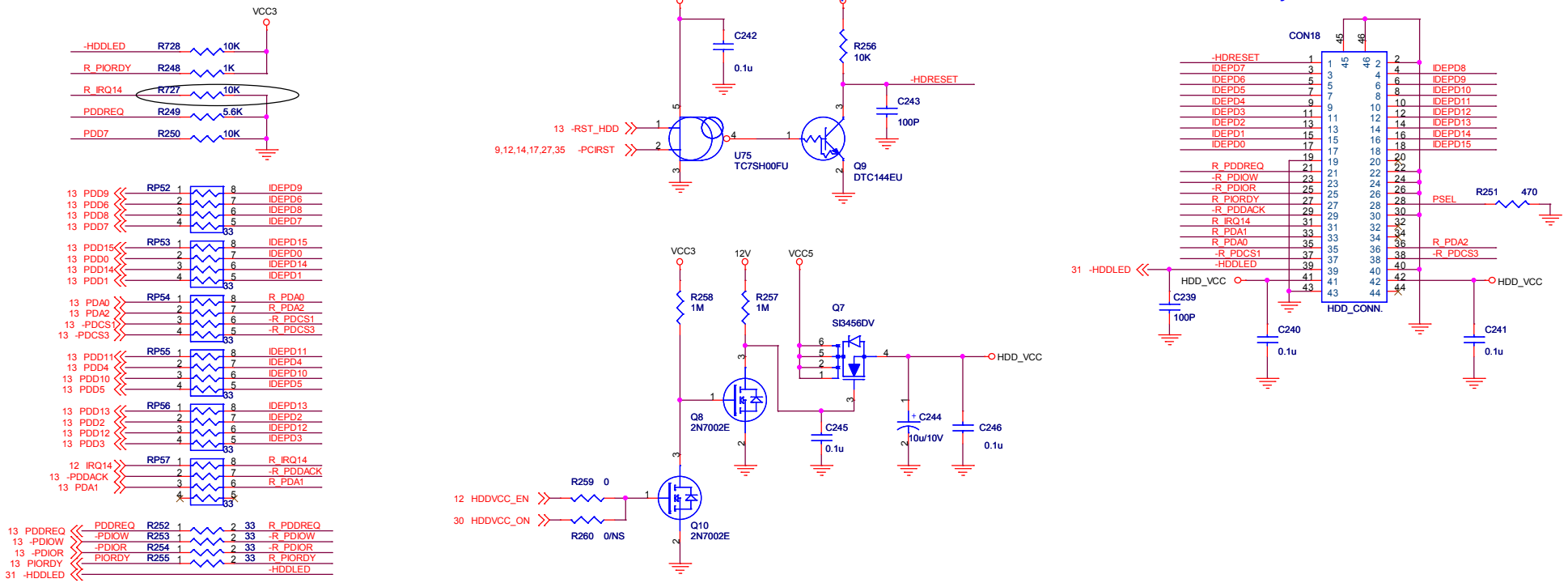
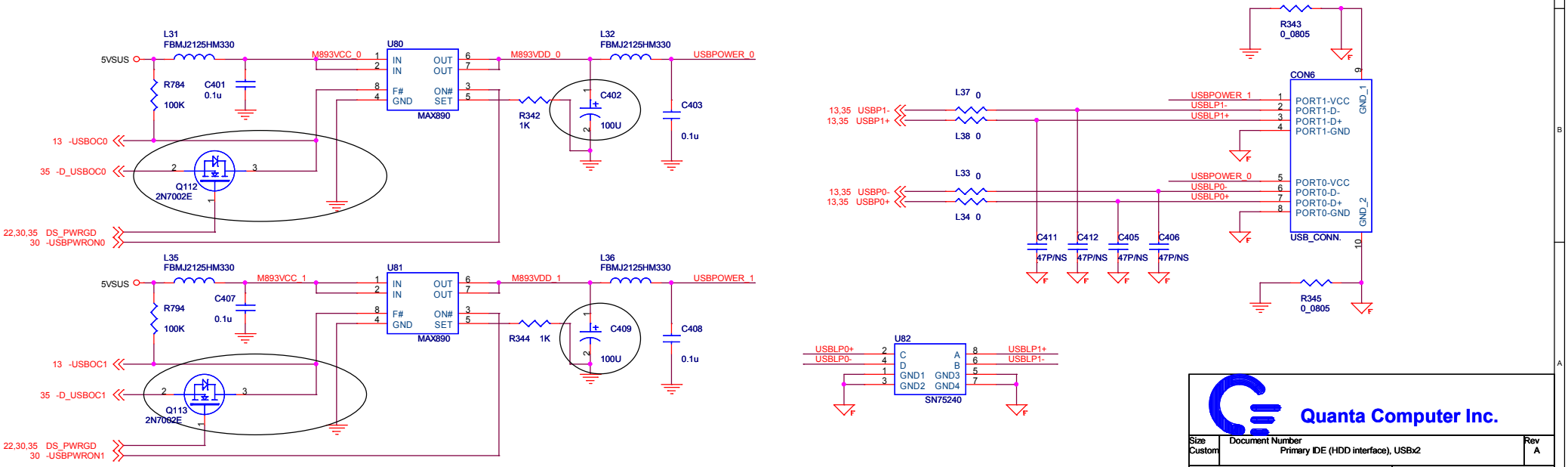
HDD connector



USB CONNECTOR



Quanta Computer Inc.

Size	Document Number	Rev
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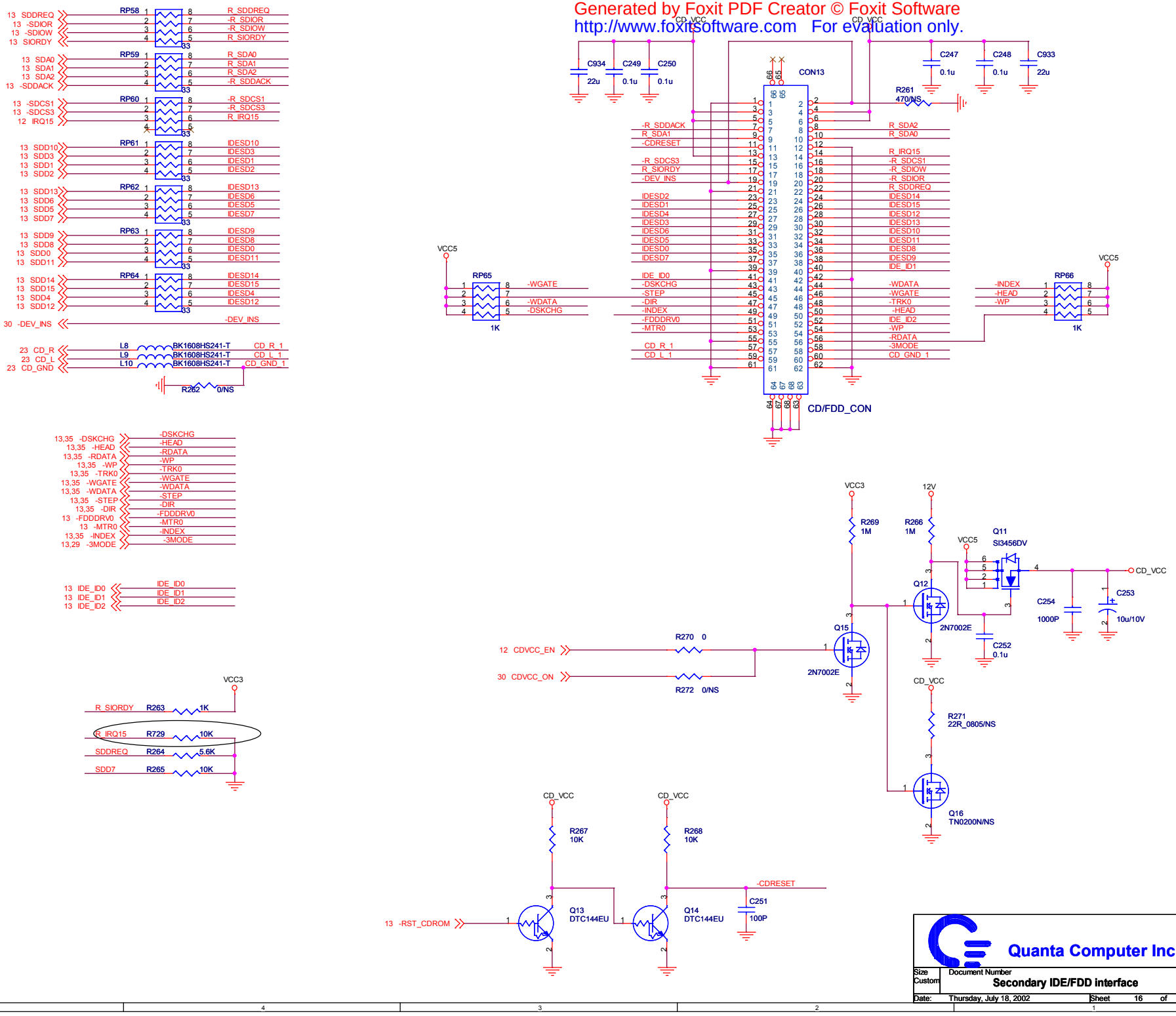

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Size	Document Number	Rev
Custom	Secondary IDE/FDD interface	A
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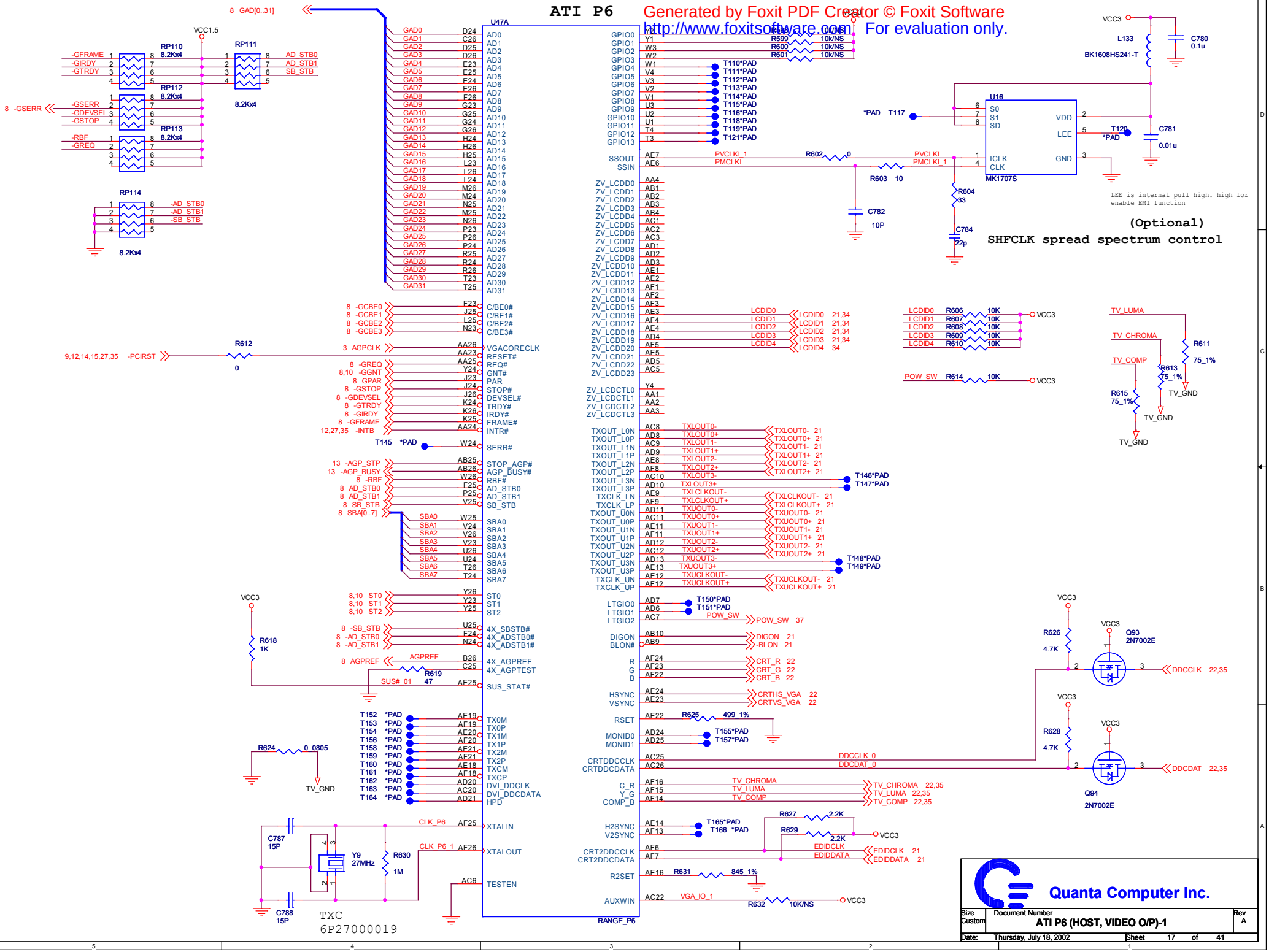
ATI P6



Quanta Computer Inc.

Size	Document Number	Rev
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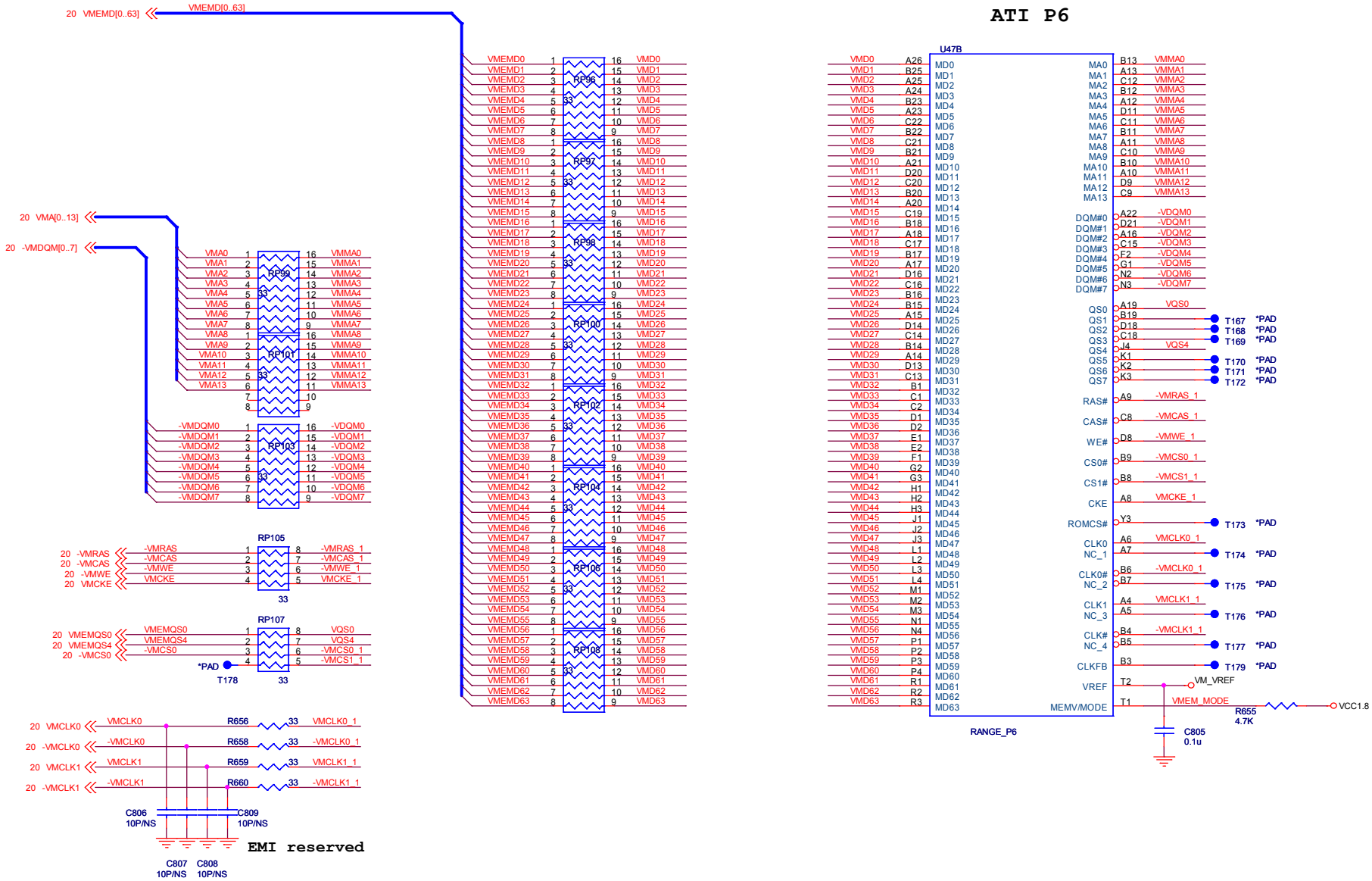
ATI P6



Quanta Computer Inc.		
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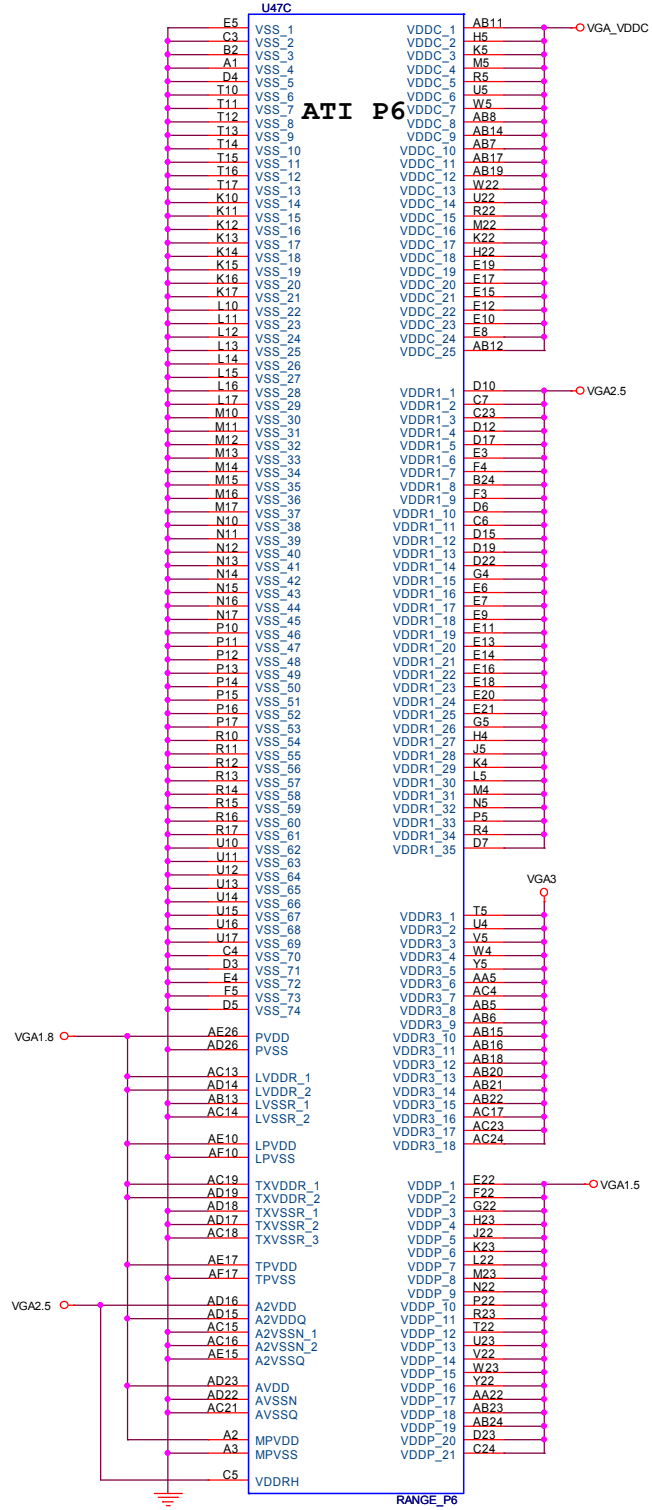

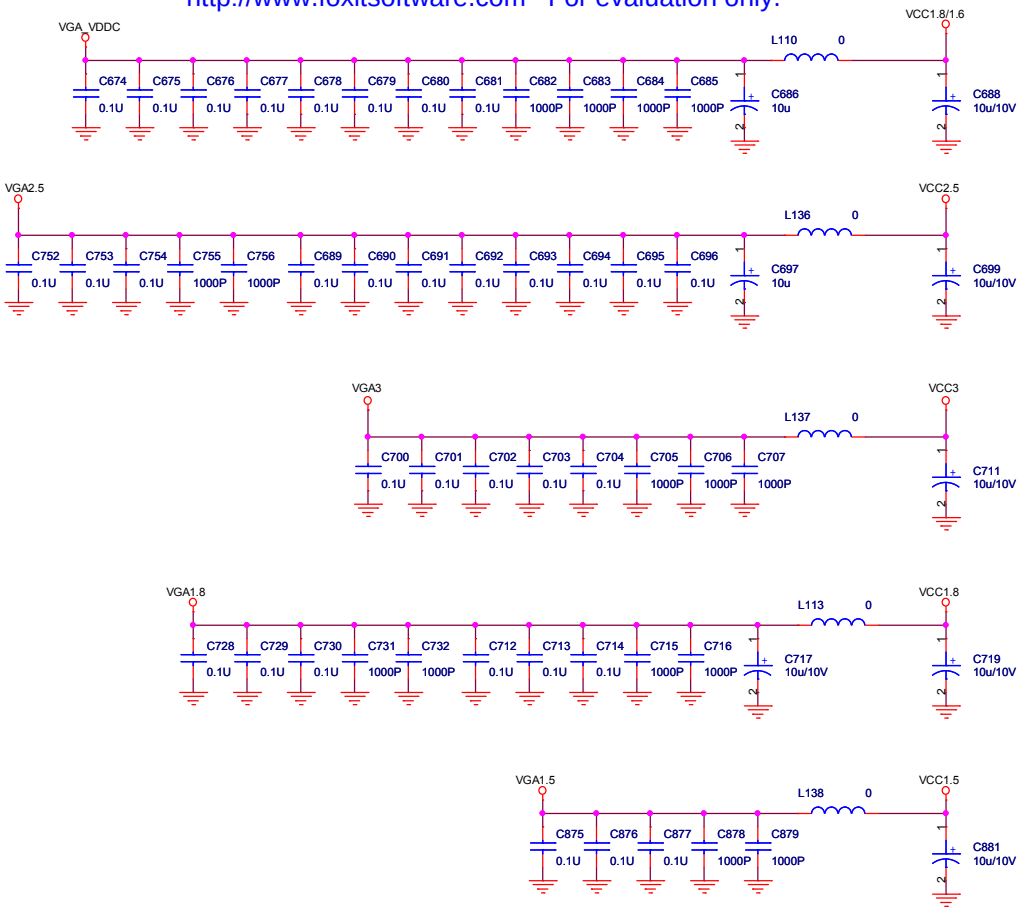

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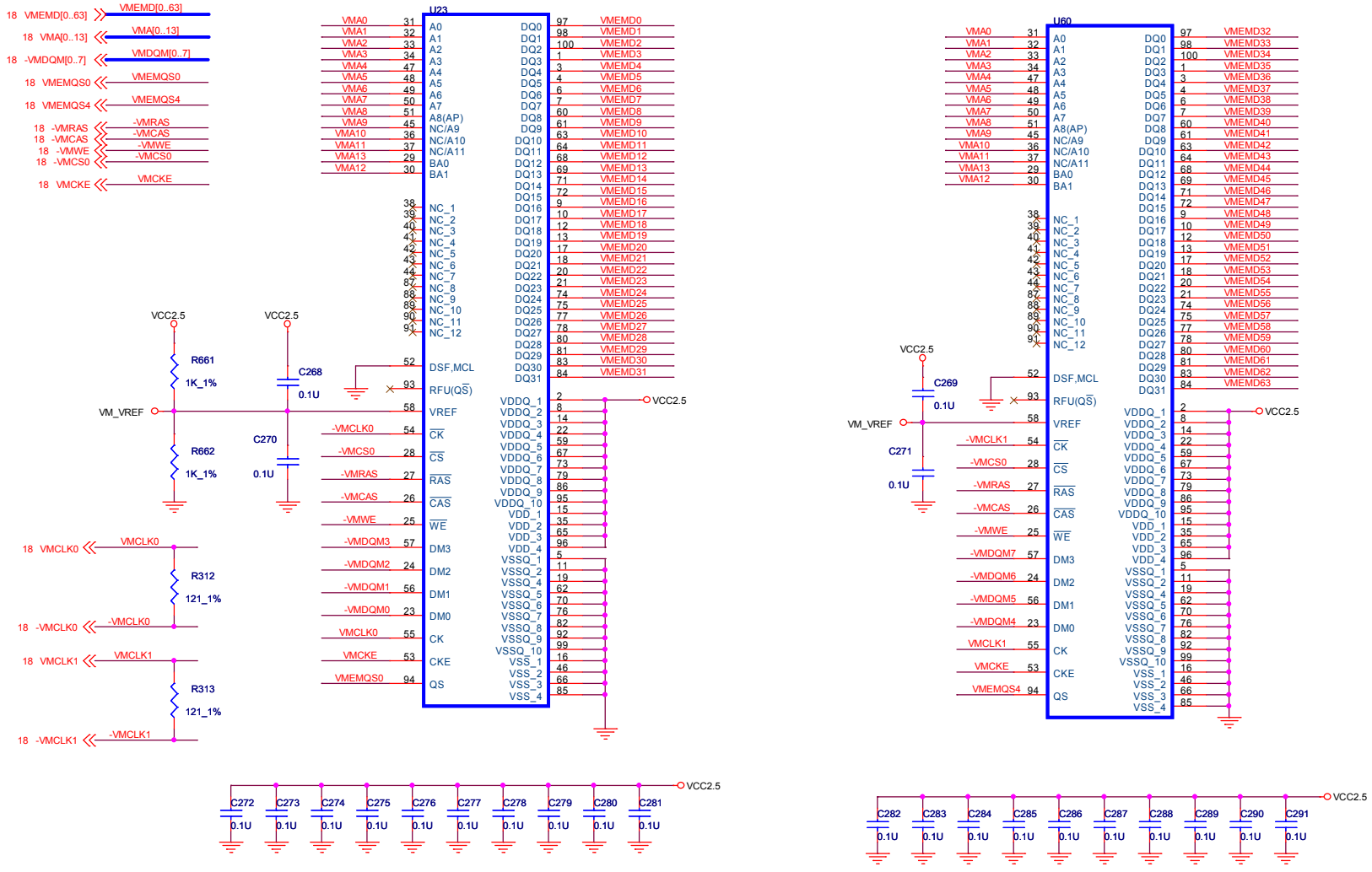
8/16/32MB DDR 2/4MX32 SDRAM

8MB 32 BIT INTERFACE WITH ONE PIECE 2MX32 (U23)
8MB 64 BIT INTERFACE WITH TWO PIECES 2MX32 (U23,U60)
16MB 32 BIT INTERFACE WITH ONE PIECE 4MX32 (U23)
32MB 64 BIT INTERFACE WITH TWO PIECES 4MX32 (U23,U60)



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Size: Custom	Document Number: Video DDR SDRAM
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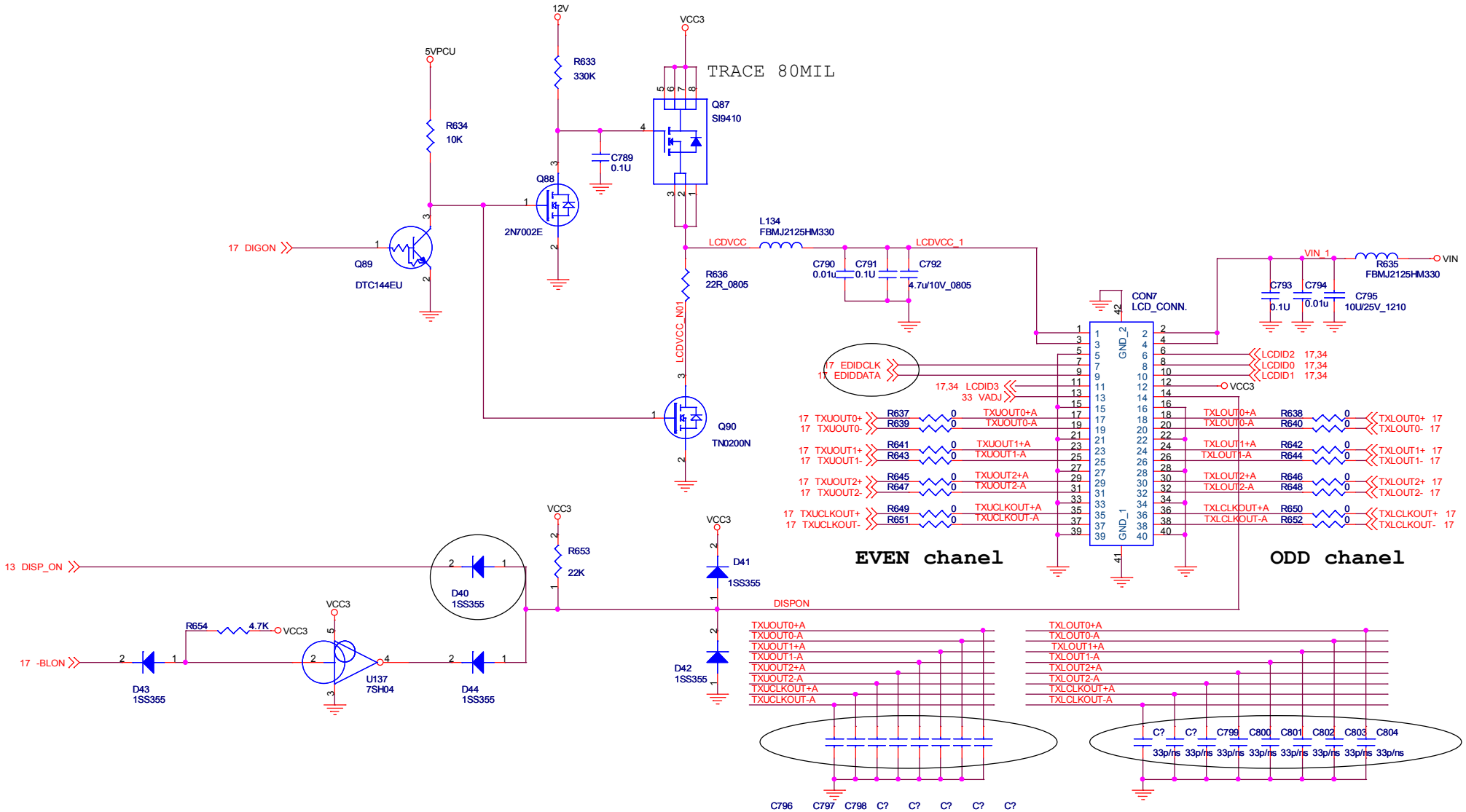

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B	LCD interface	A
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CRT PORT

U145 NC7SB3157 U2 NC7SB3157 U2 NC7SB3157

17 CRT_R
17 CRT_G
17 CRT_B
CRT_R
CRT_G
CRT_B

15,30,35 DS_PWRGD
R793 0
R791 51k

R? 0 VCC5

C? 0.1U
C957 0.1U
C958 0.1U
C? 1U

L127 BLM11B220SB D_RED 35
L128 BLM11B220SB D_GREEN 35
L129 BLM11B220SB D_BLUE 35

C771 75
C772 75
C773 75

to docking

R592 0_0805

VCC5 F3 POLY_SWITCH
CRTVDD2 L119 FBMJ2125HM330 CRTVDD3

CON3 CRT_CONN
R593 10K
CRT_SENSE 30,35

L120 BLM11B220SB CRT_R_1
L121 BLM11B220SB CRT_G_1
L122 BLM11B220SB CRT_B_1

R621 75_1%
R622 75_1%
R623 75_1%

C760 22P
C761 22P
C762 22P

T109 *PAD
R337 0_0805

35 CRT_HS
35 CRT_VS

U135B 7WT125FU
17 CRTVS_VGA

VCC5 D58 RB411D
R594 10K DDCDAT
R595 10K DDCCLK

17,35 DDCCLK
CRT_VS
CRT_HS
17,35 DDCDAT

L123 BK1608HM121 DDCCLK_1
L124 BK1608HM121 CRT_VS_1
L125 BK1608HM121 CRT_HS_1
L126 BK1608HM121 DDCDAT_1

C763 22P
C764 22P
C765 22P
C766 22P
C767 22P
C768 22P
C769 22P
C770 22P

U135A 7WT125FU
17 CRTHS_VGA

D59 RB411D
VCC5

VCC5 D57 RB411D

D34 DA204U
DDCCLK_1

D35 DA204U
DDCDAT_1

D36 DA204U
CRT_R_1

D37 DA204U
CRT_B_1

D38 DA204U
CRT_G_1

D39 POST05C/NS
TV_CHROMA
TV_LUMA

17,35 TV_LUMA
TV-LUMA
L130 1.8UH
C774 82P
C775 82P

17,35 TV_CHROMA
TV-CHROMA
L131 1.8UH
C776 82P
C777 82P

CON12

17,35 TV_COMP
TV-COMP
L132 1.8UH
C778 82P
C779 82P

R596 0_0805
R597 0_0805

S-VIDEO

Yellow

Quanta Computer Inc.

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Custom	S Video/Composite,CRT	A
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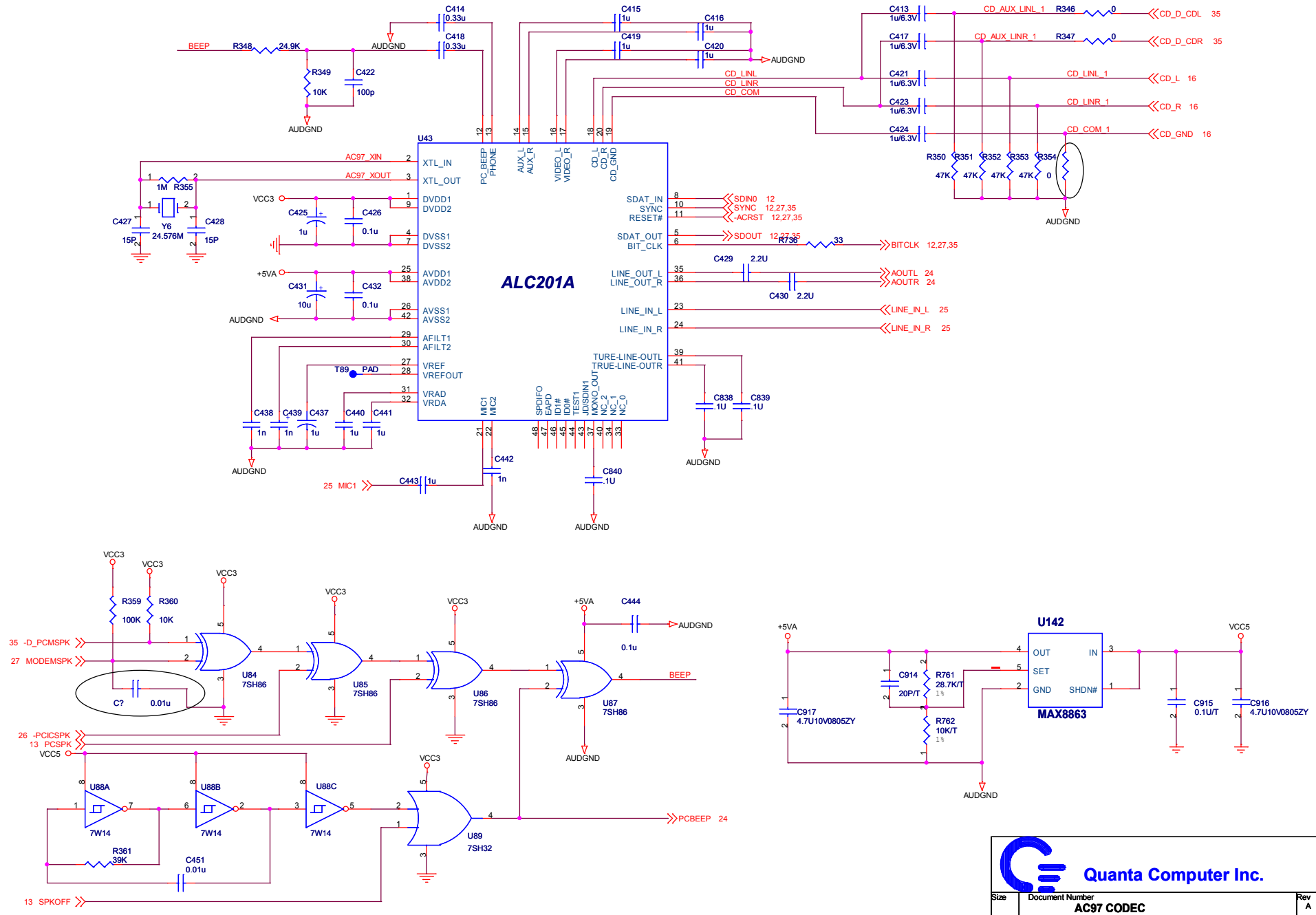

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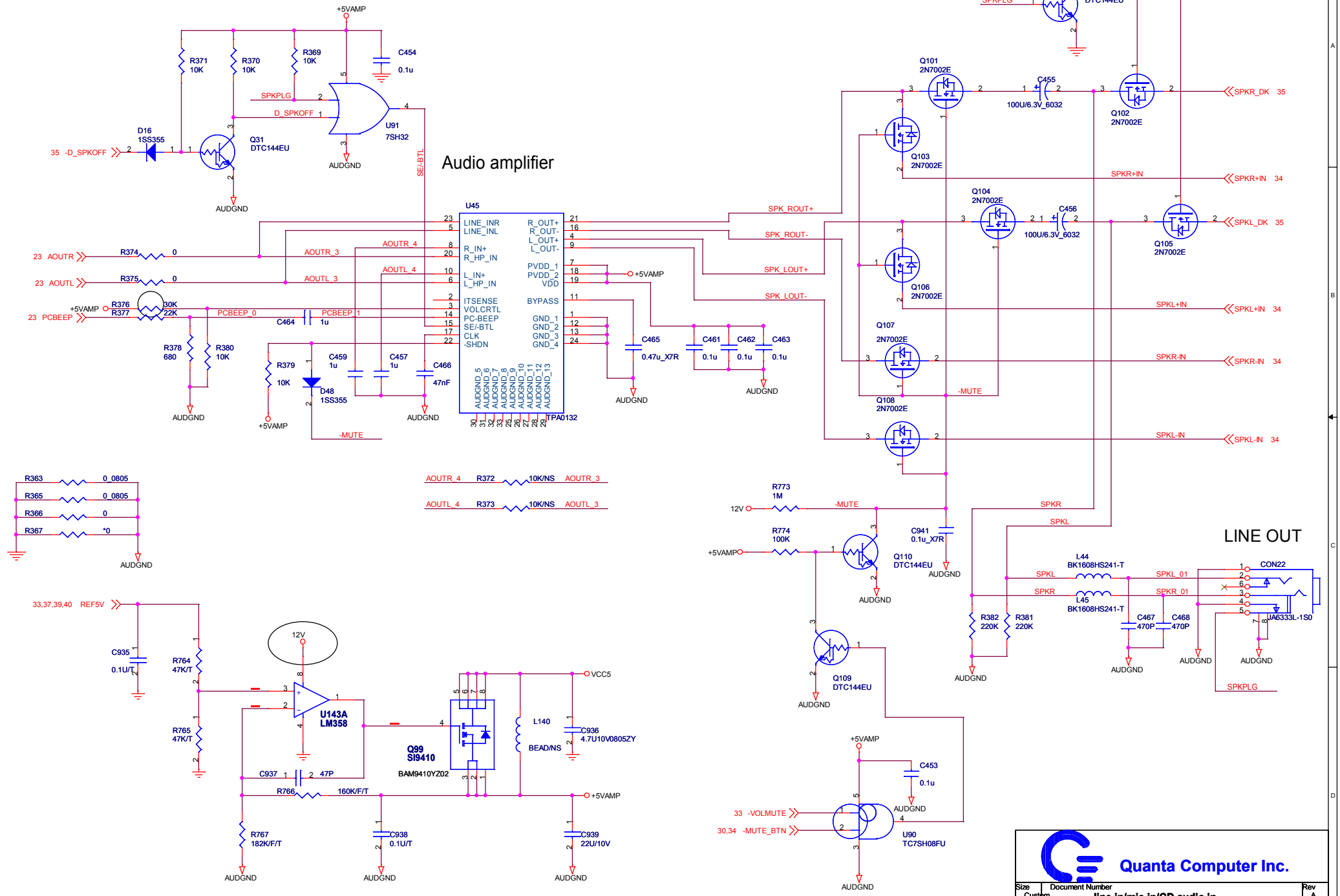
Audio amplifier



Quanta Computer Inc.

Size	Document Number	Rev
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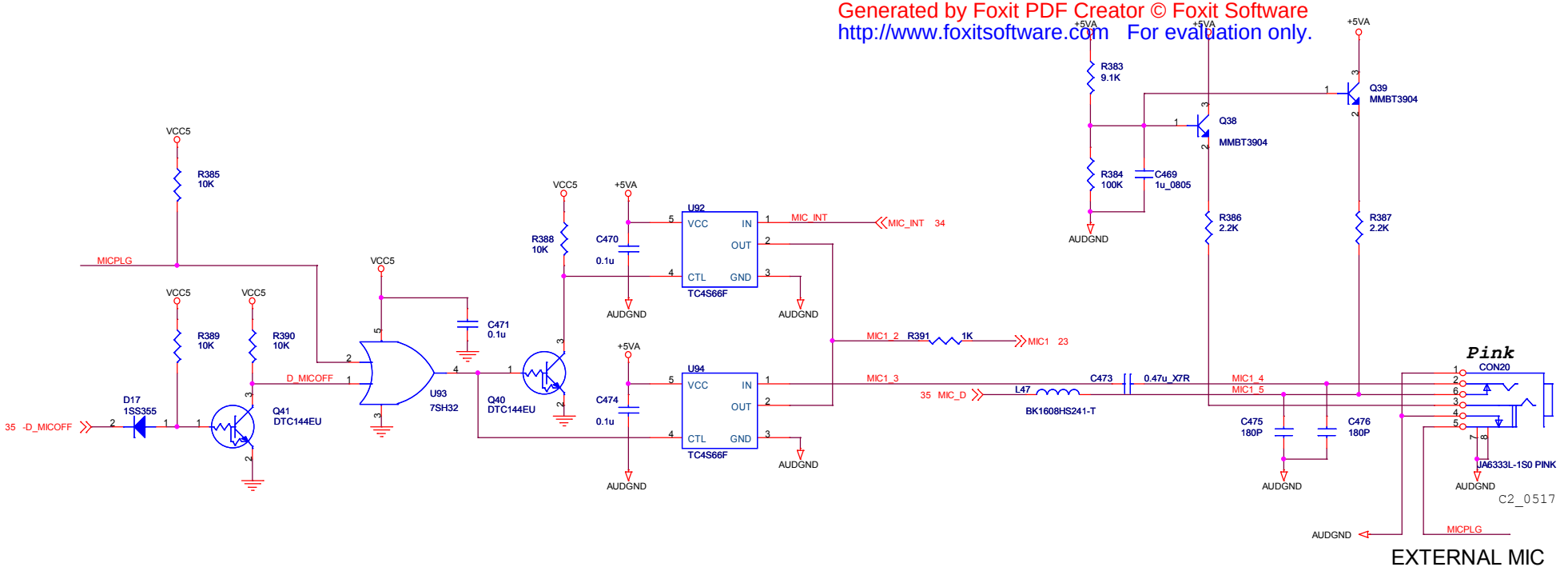
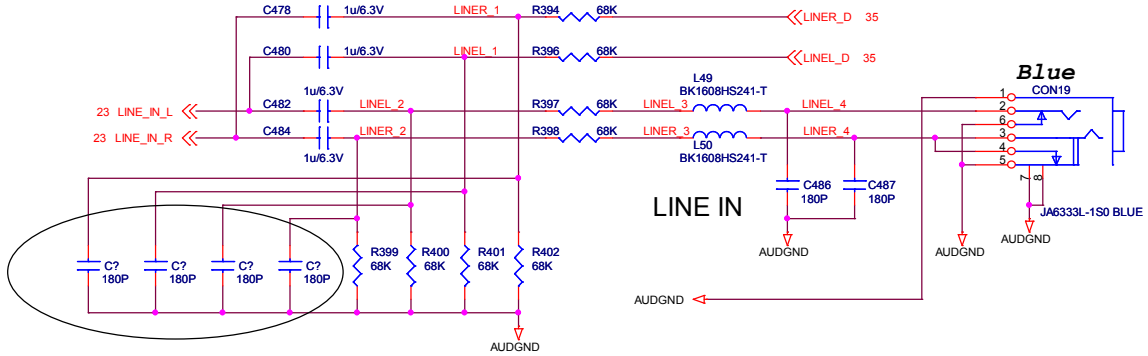


EXTERNAL MIC



Quanta Computer Inc.		
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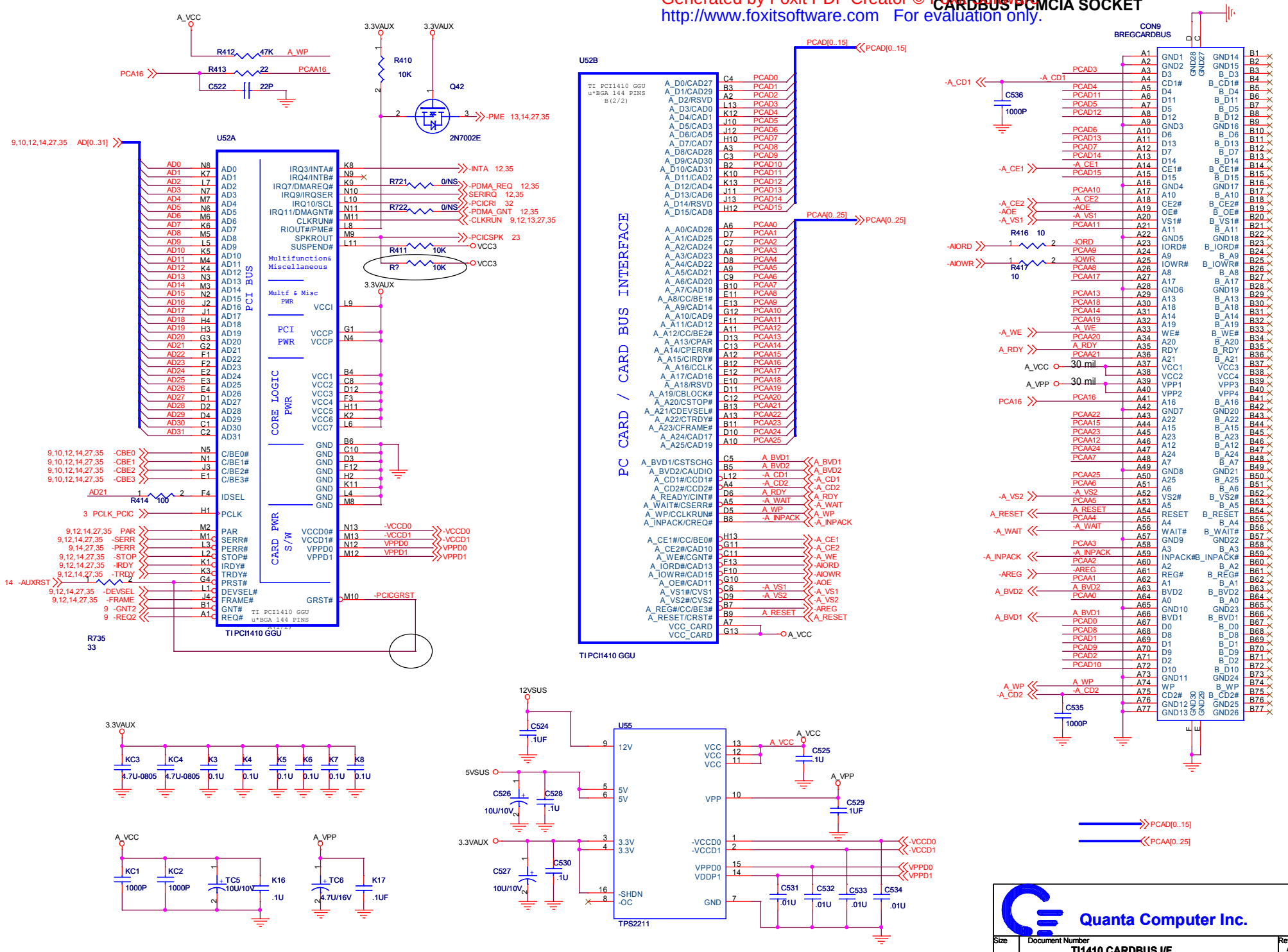
CARDBUS PCMCIA SOCKET



Quanta Computer Inc.			
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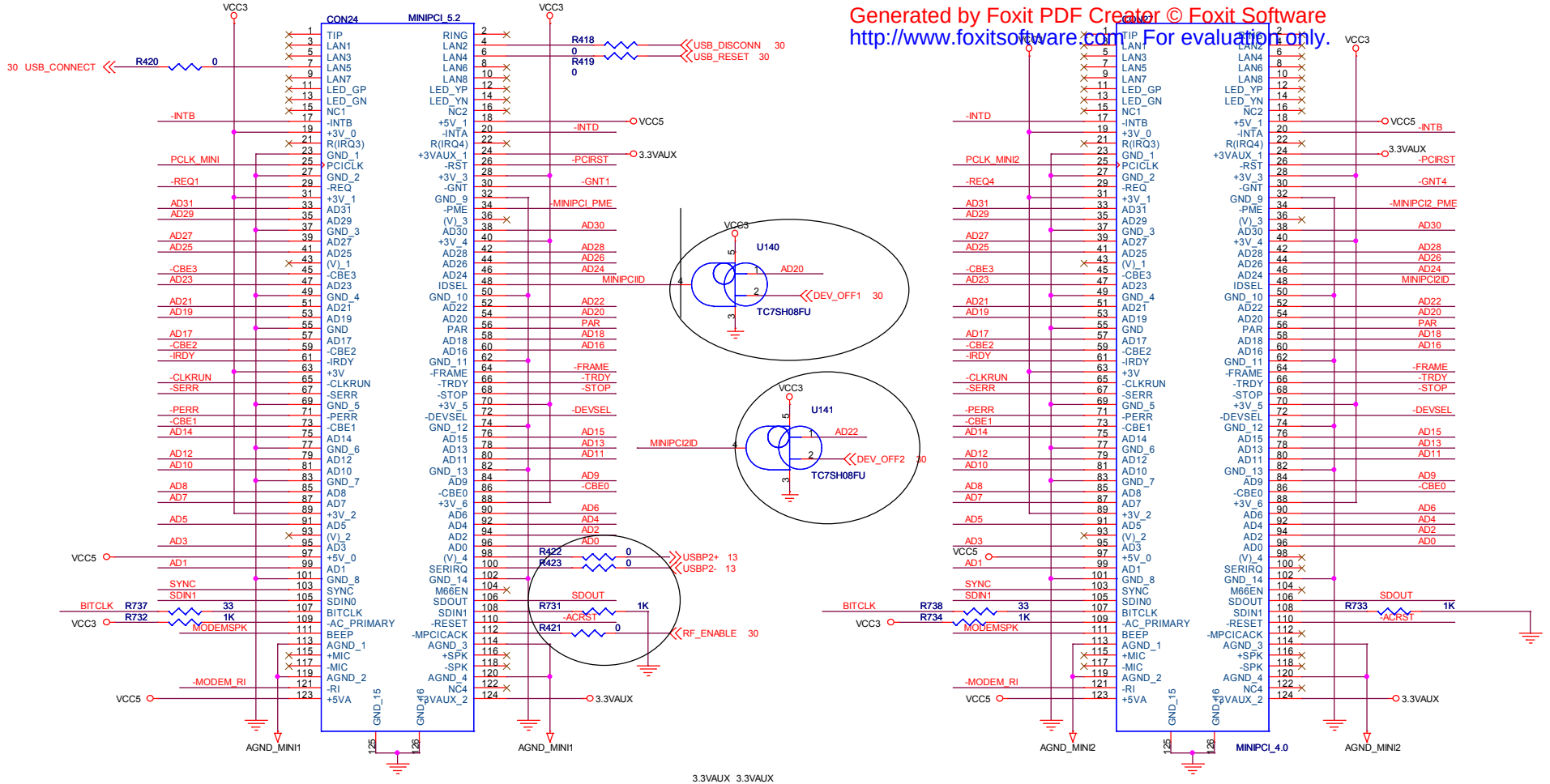

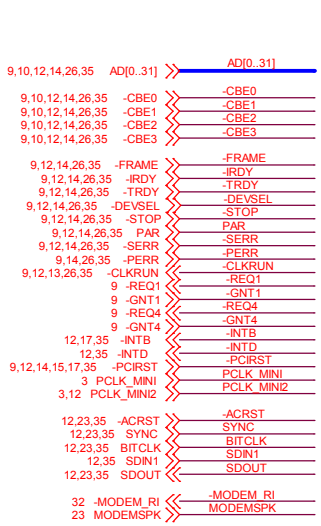

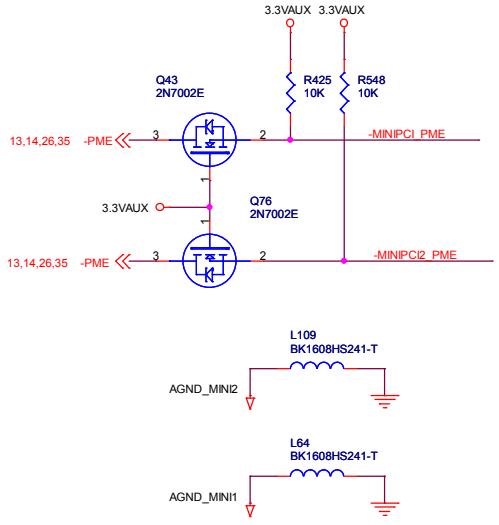

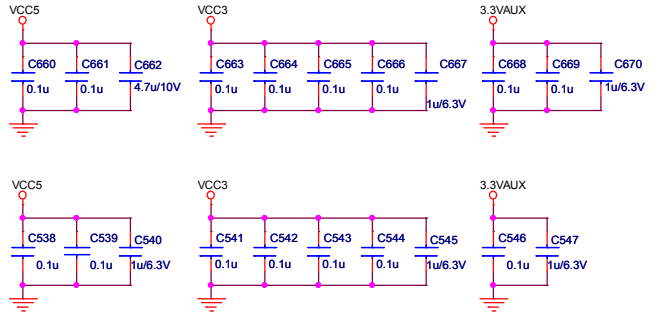

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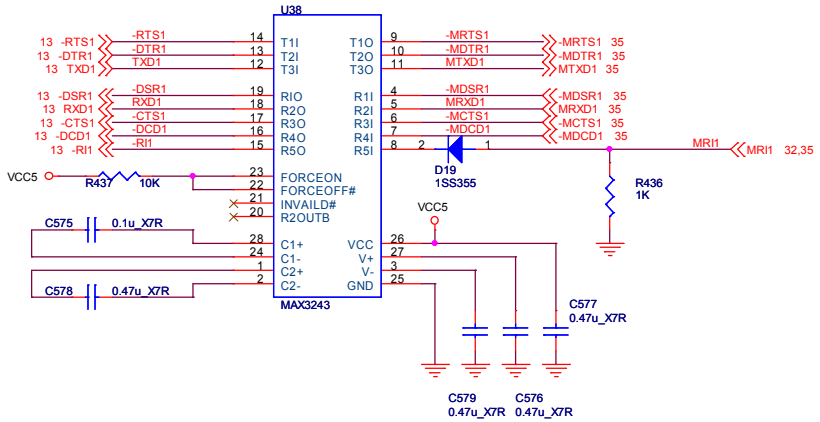
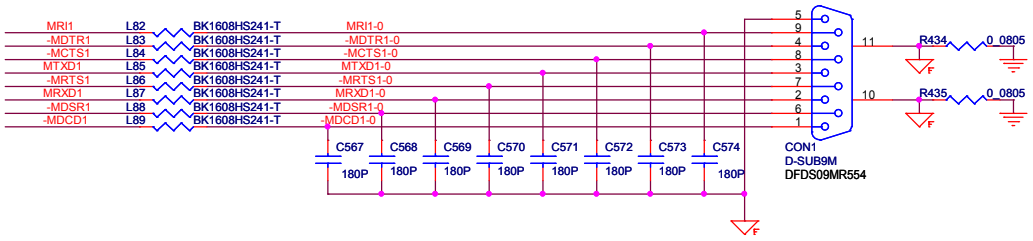
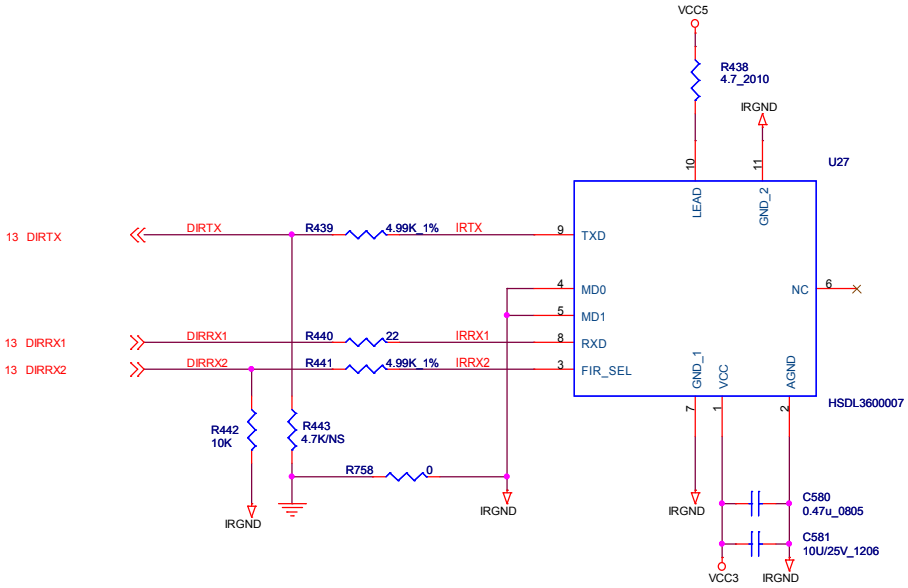
COM PORT

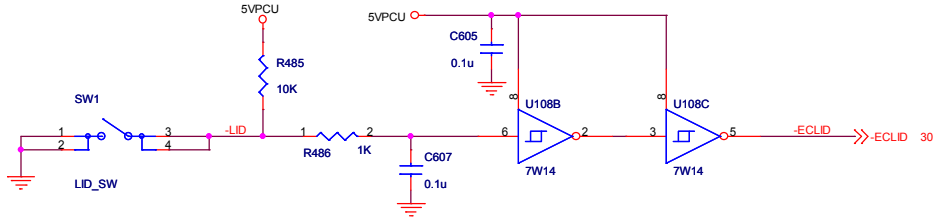




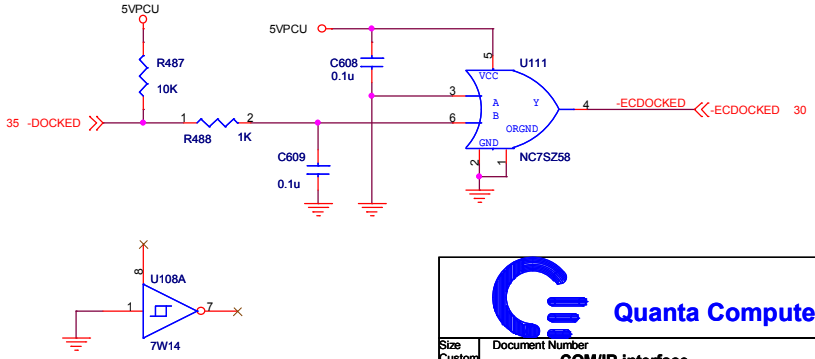
FIR



LID SWITCH



DOCKED



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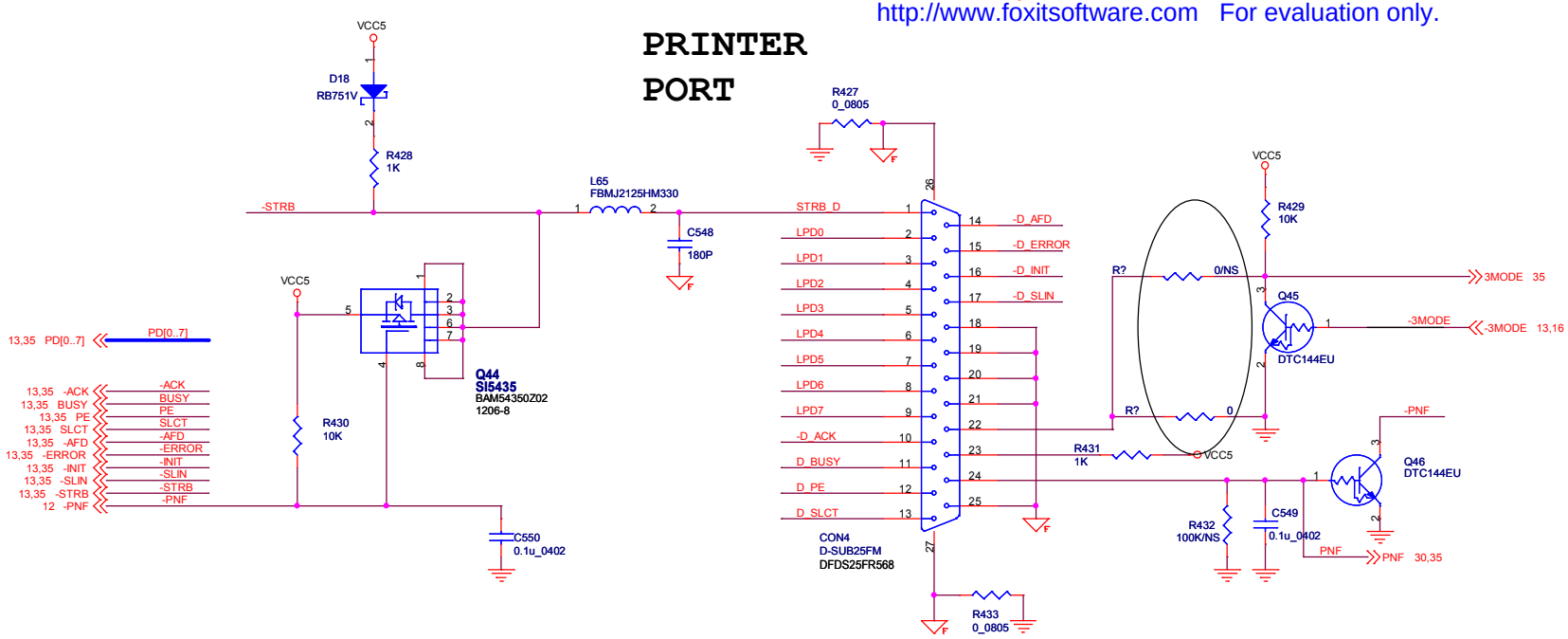
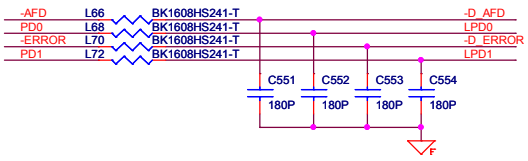
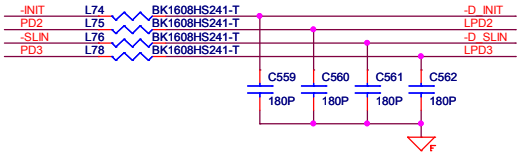
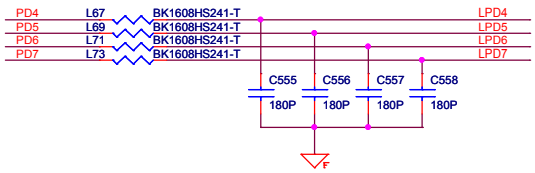
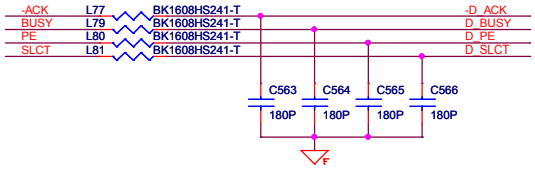
PRINTER PORT

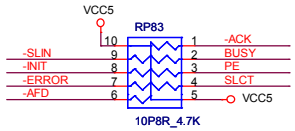


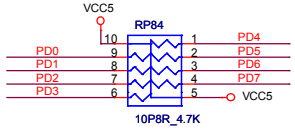












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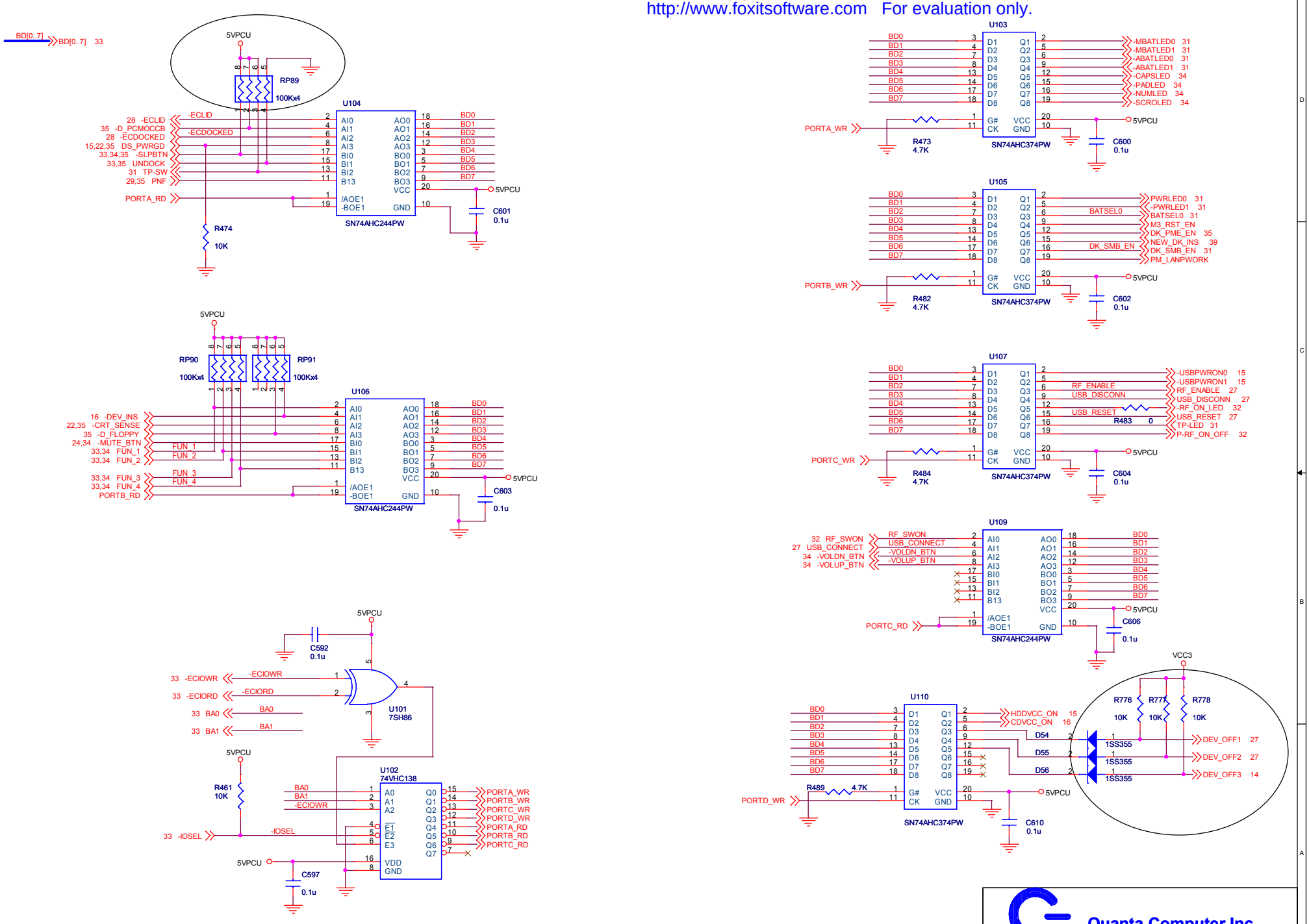

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Size	Document Number	Rev
Custom	570 I/O & RF/B CONN	A
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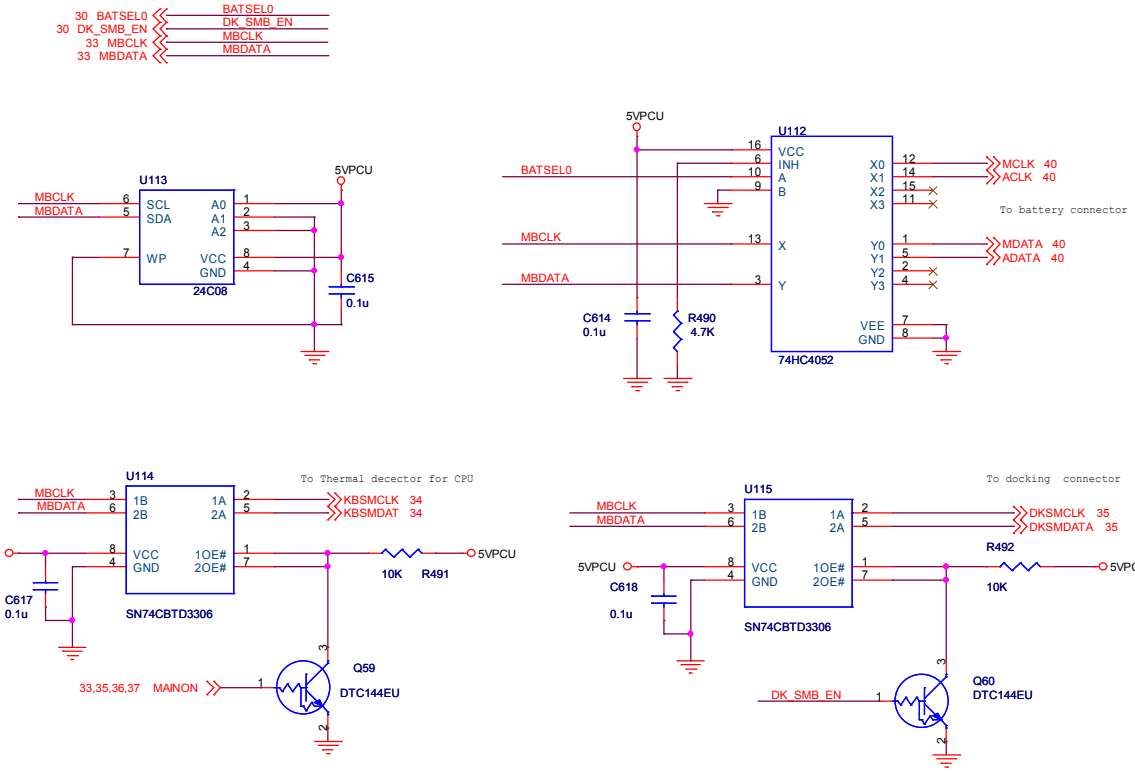
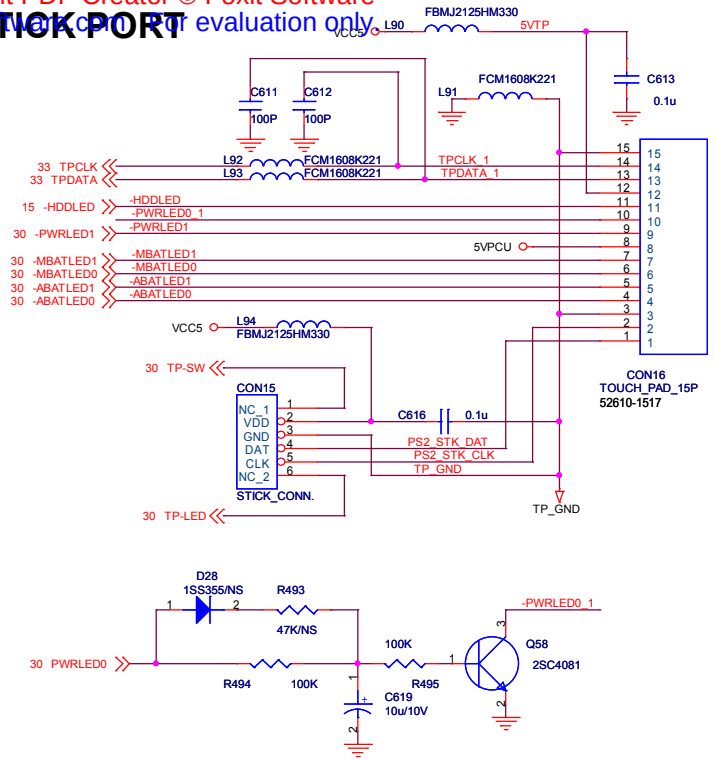
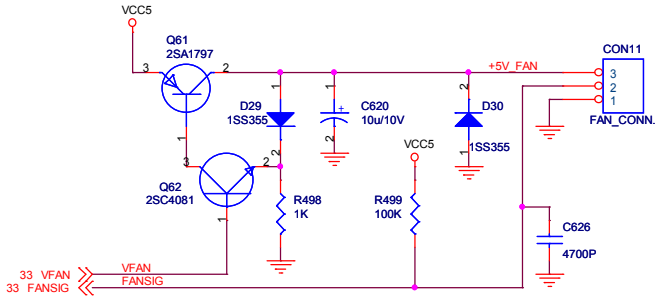
SMBUS



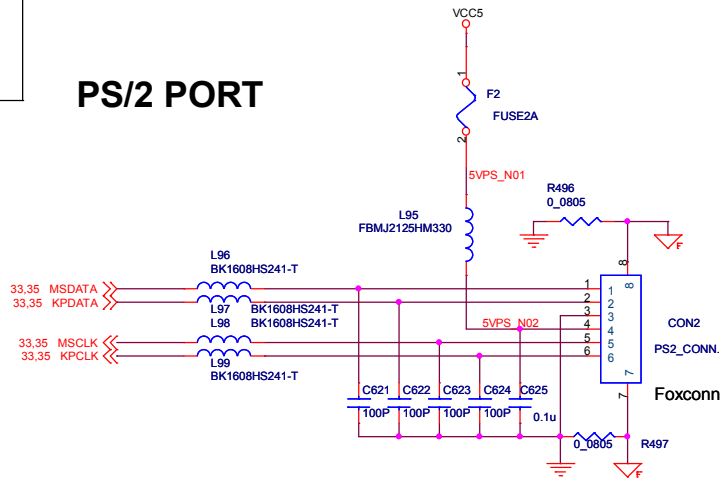
STICK PORT



FAN CONN.



PS/2 PORT



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Size	Document Number	Rev
Custom	570 access BUS/PS2/FAN/touch PAD	A
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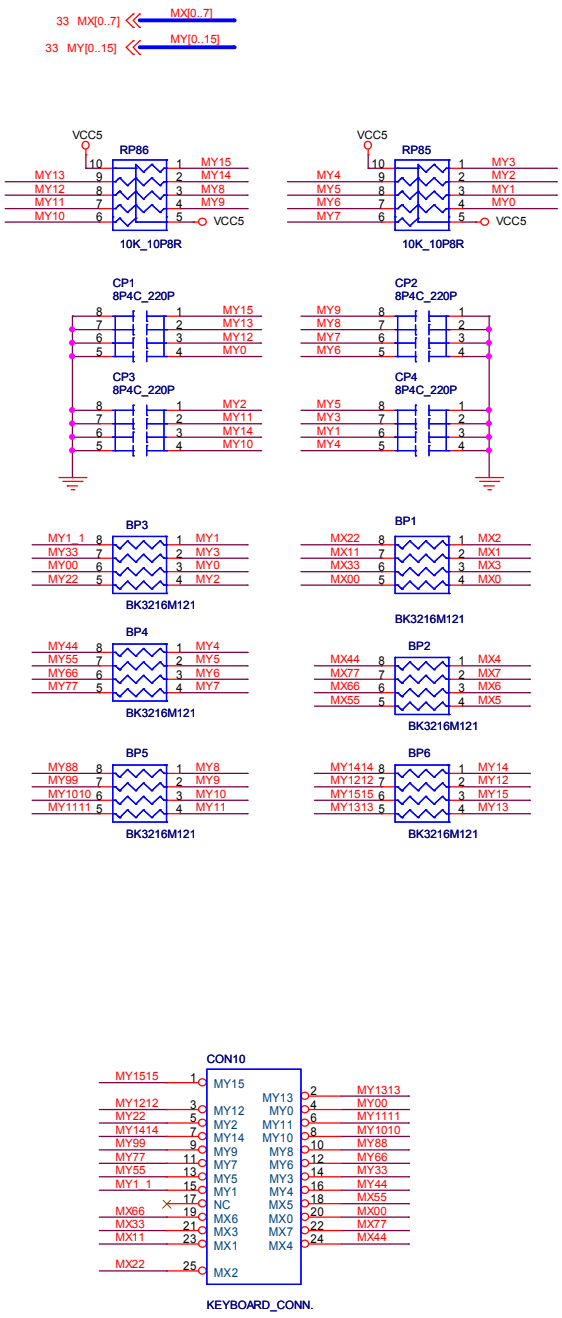
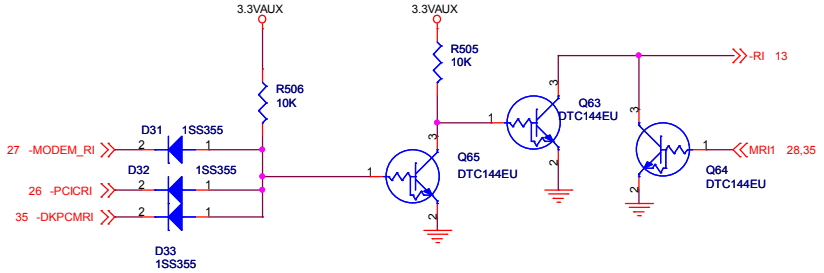
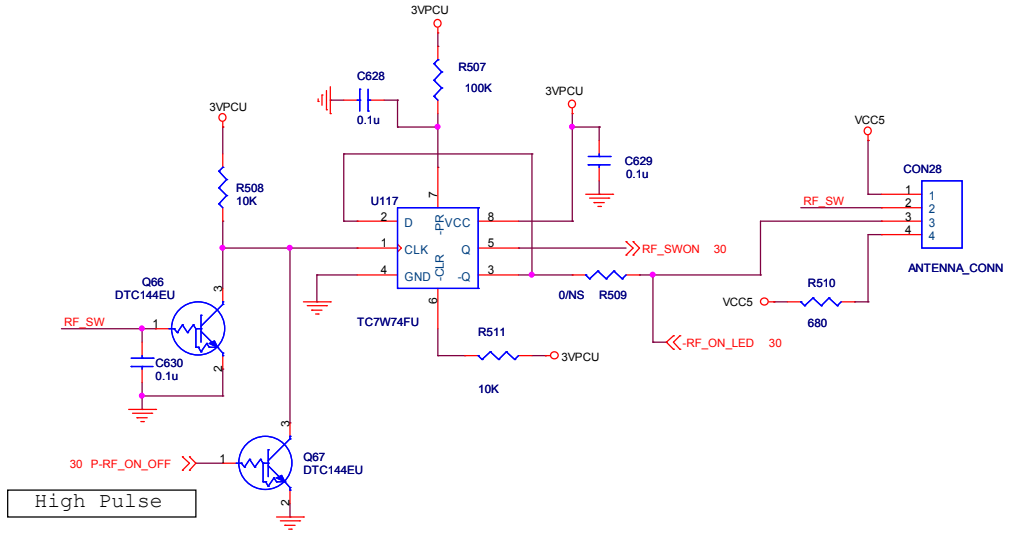
Keyboard Connector



RING INDICATOR



RF S/W CKT



Quanta Computer Inc.

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Custom	KEYBOARD CONN./RING INDICATOR	A
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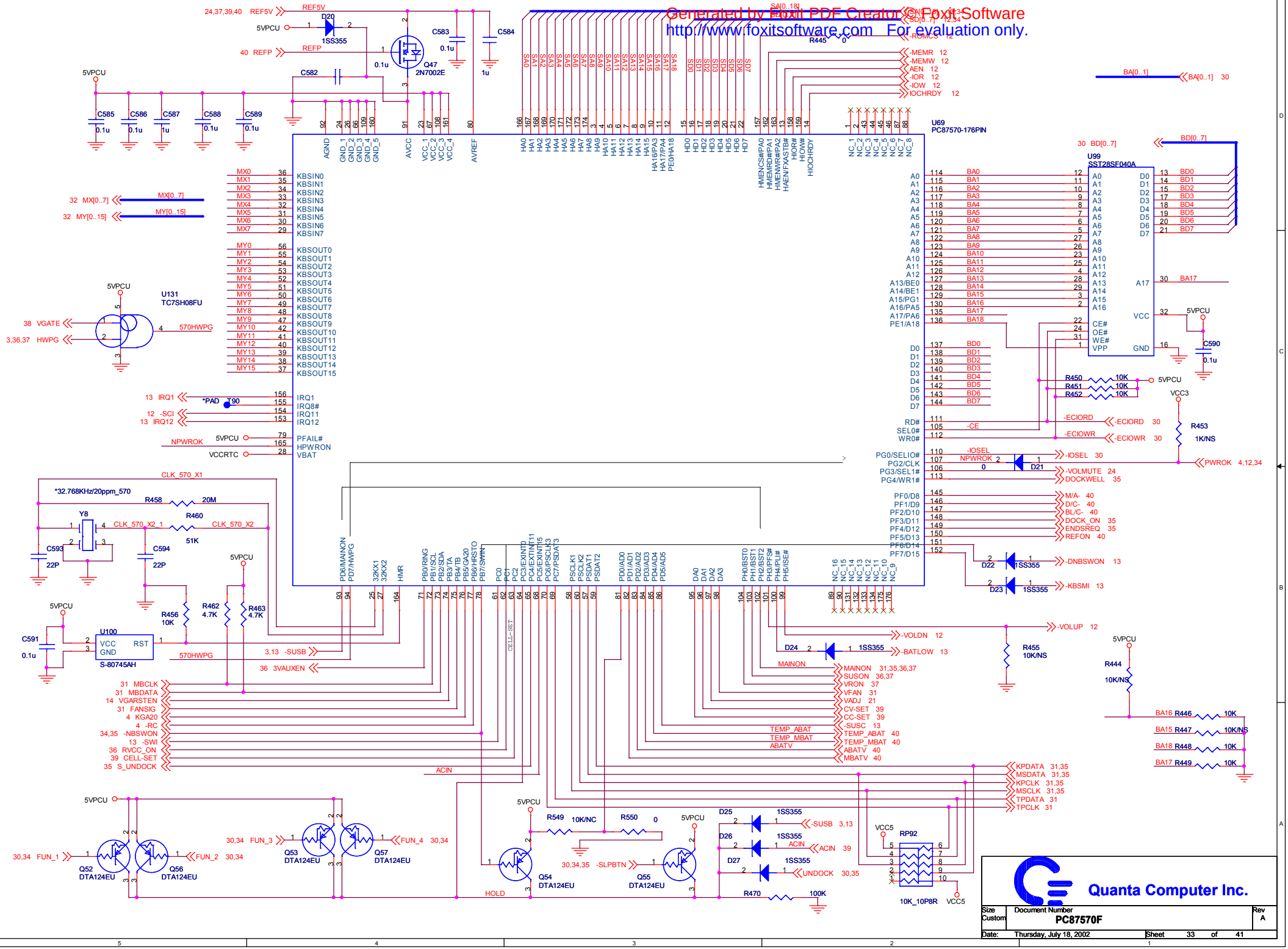
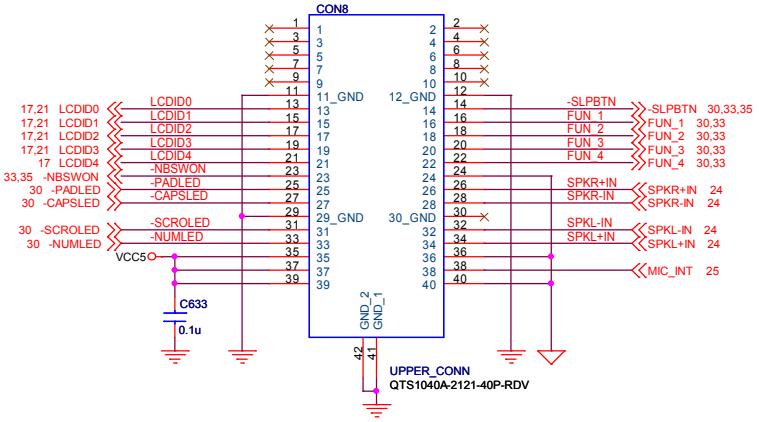
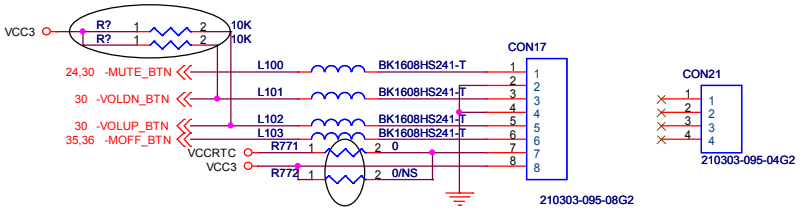


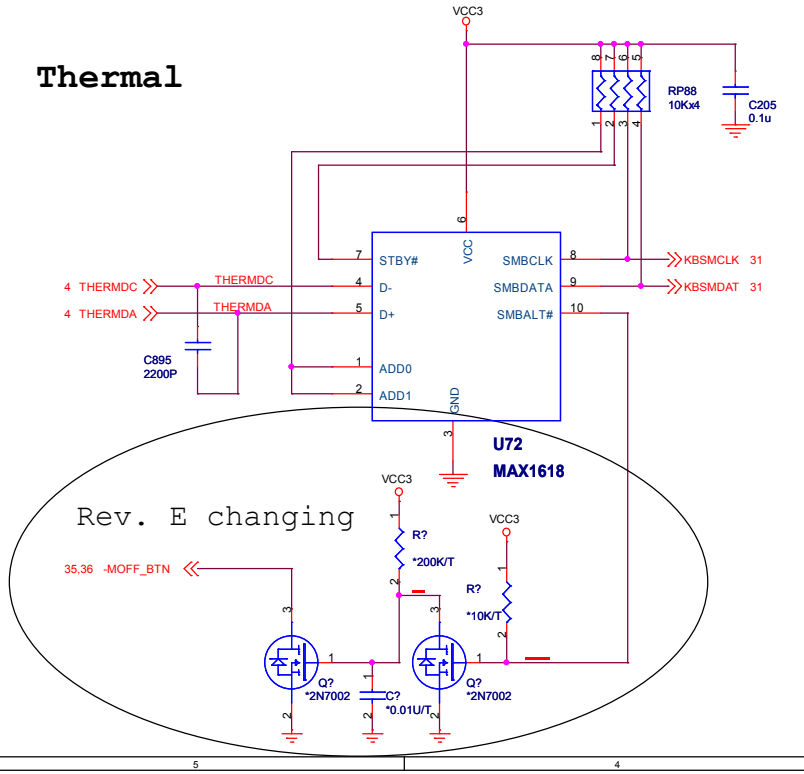
UP_BOARD CONNECTOR



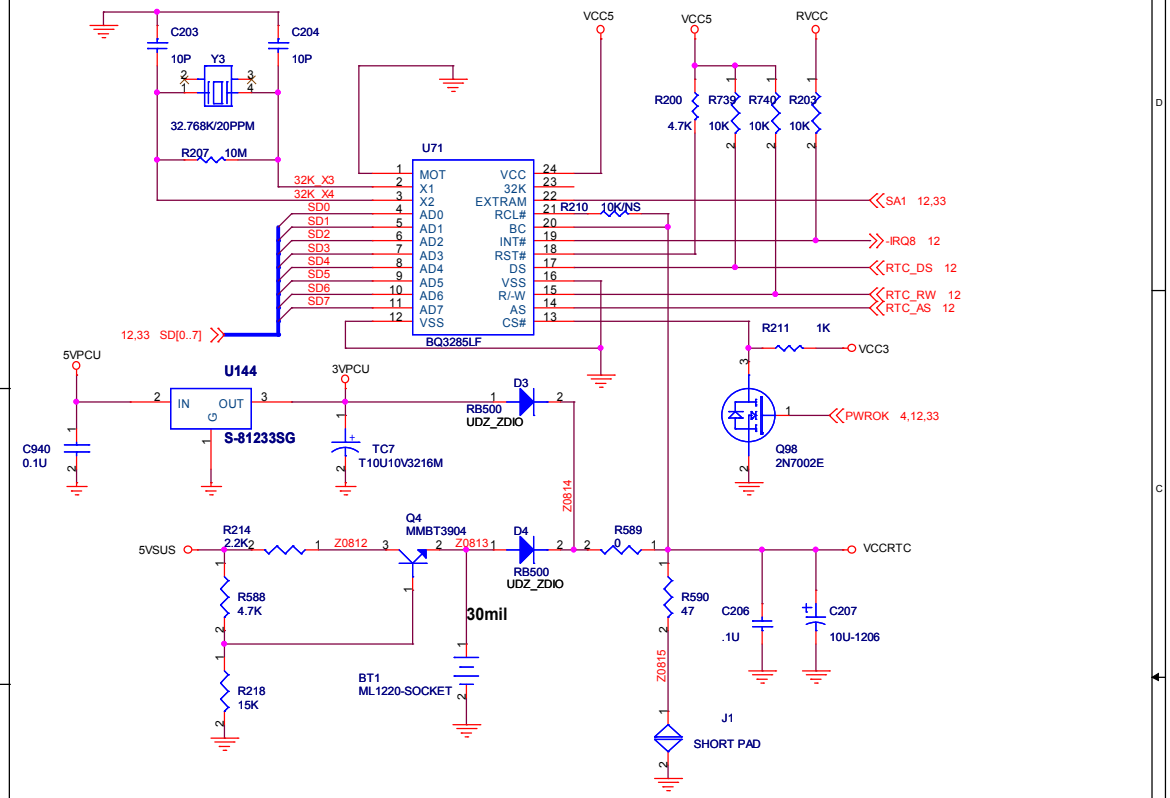
Volume board connector



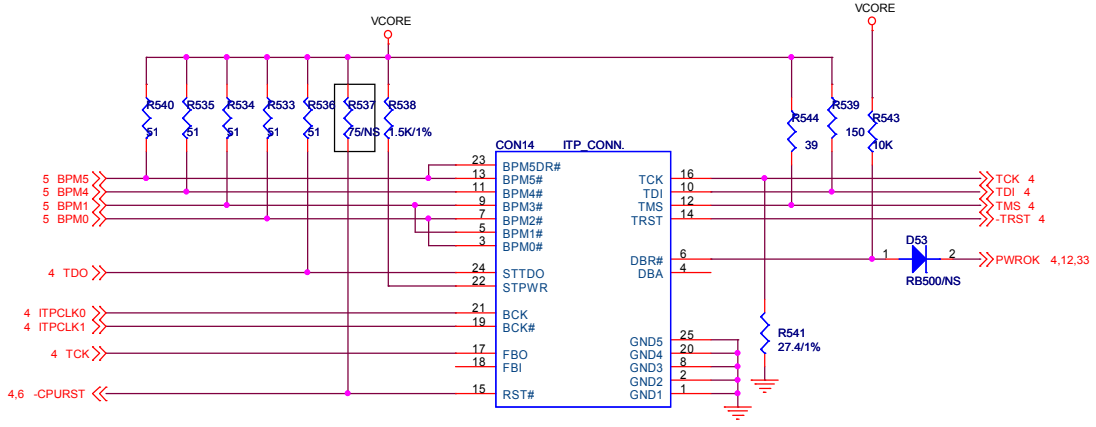
Thermal



RTC



ITP Connector



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Custom	upper,volume/B, ITP CONN	A
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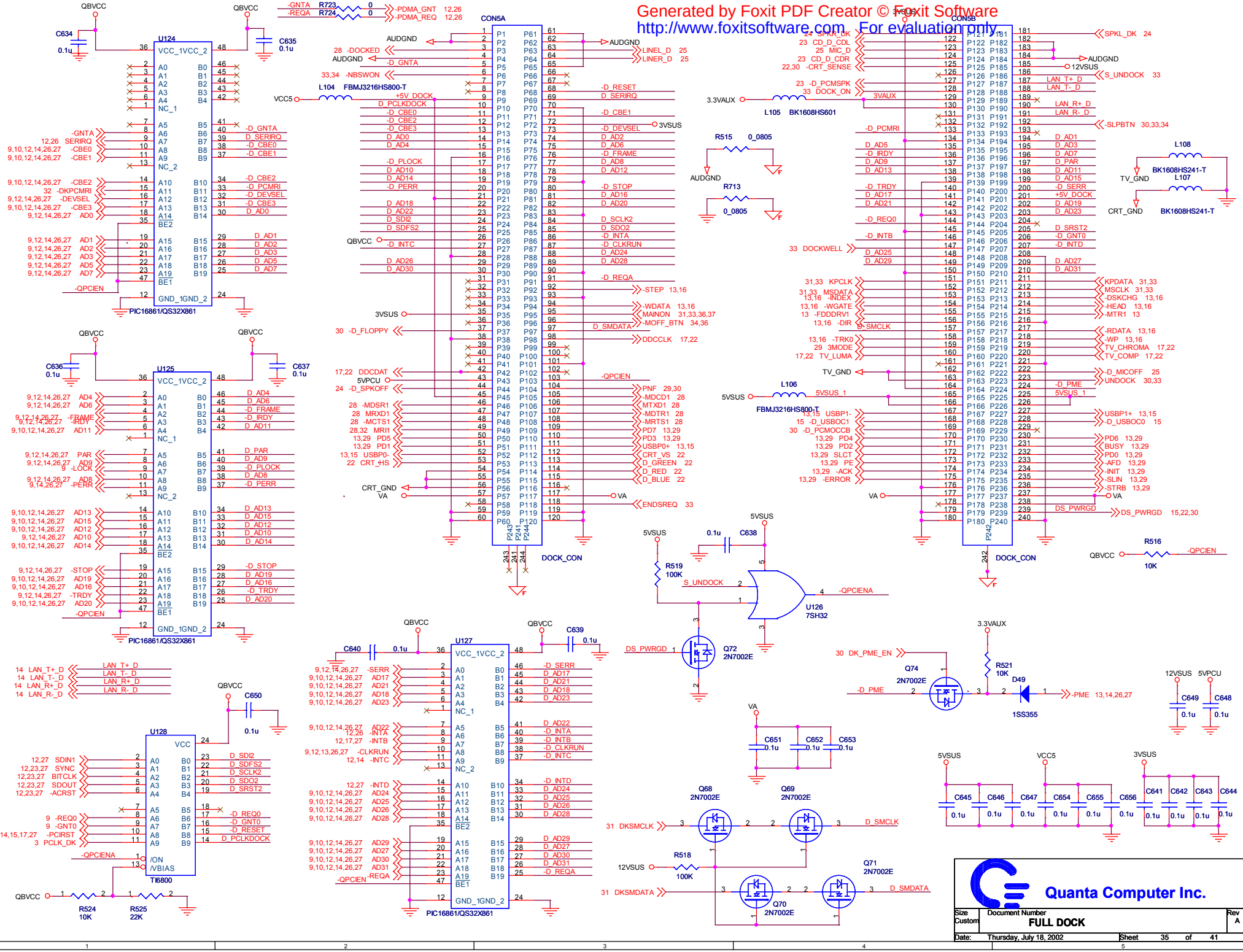
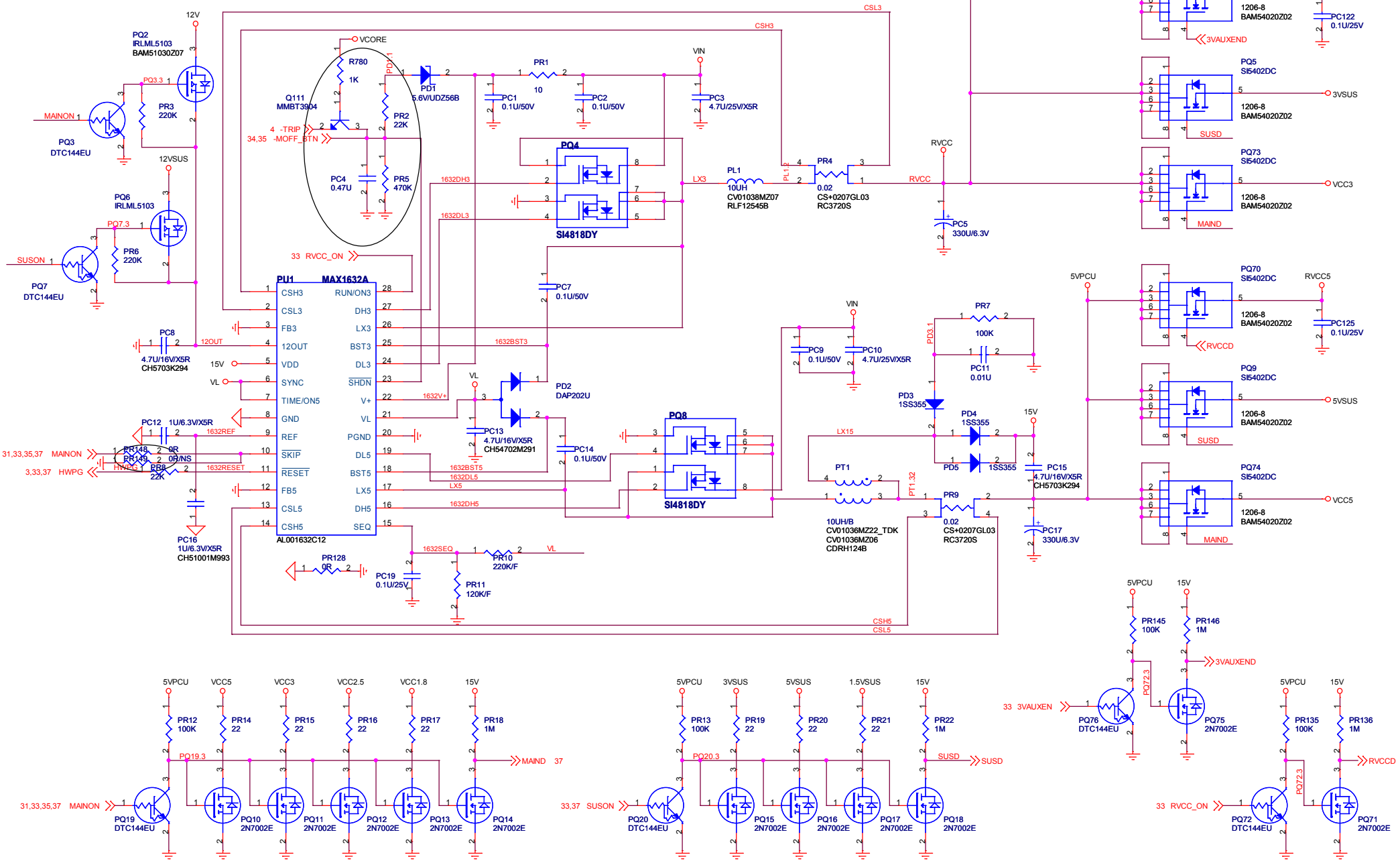


DC/DC 3.3V&5V POWER



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Custom	DC/DC 3V&5V	A
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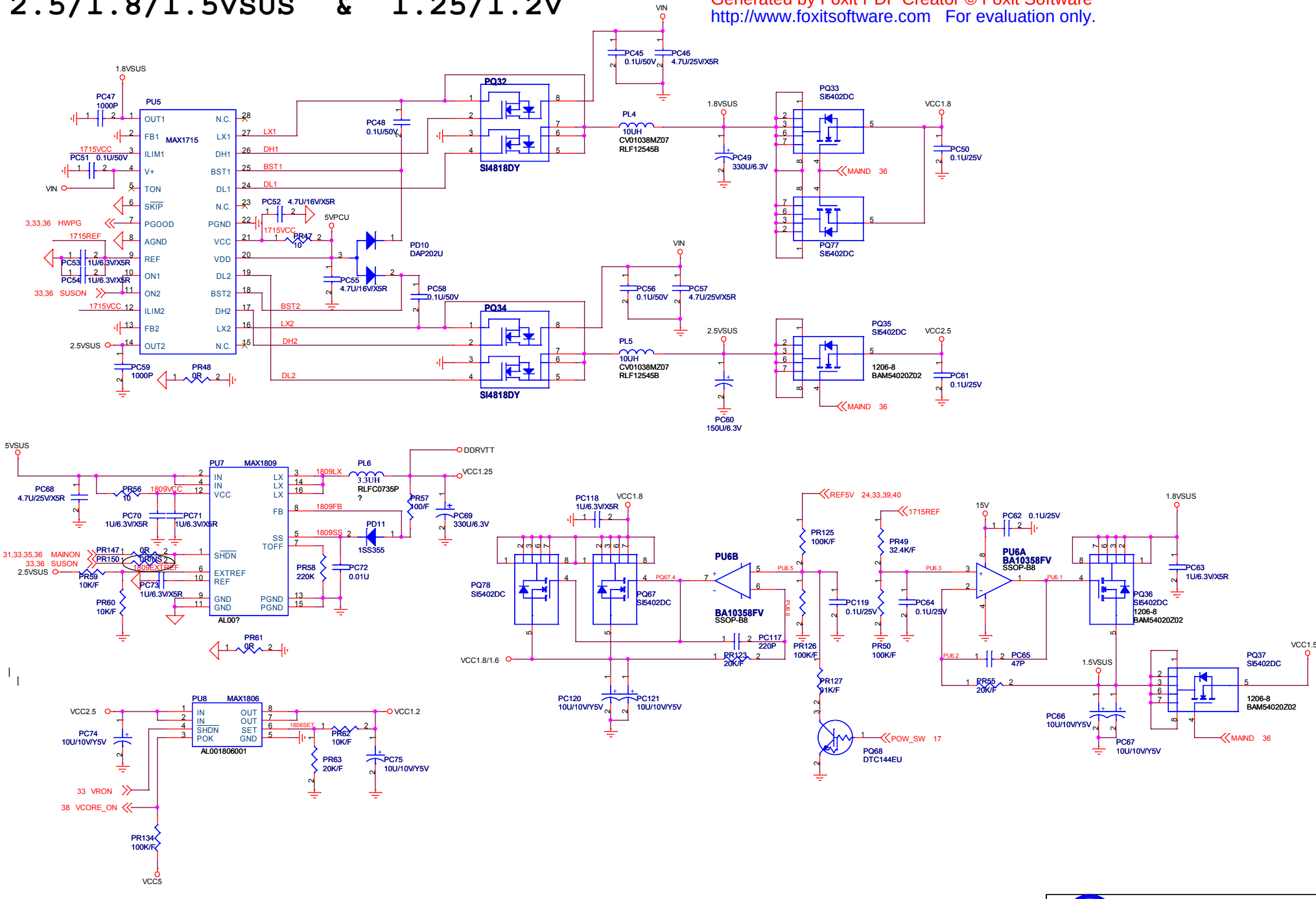
2.5/1.8/1.5VSUS & 1.25/1.2V



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Custom	DC/DC 2.5/1.8/1.5VSUS	A
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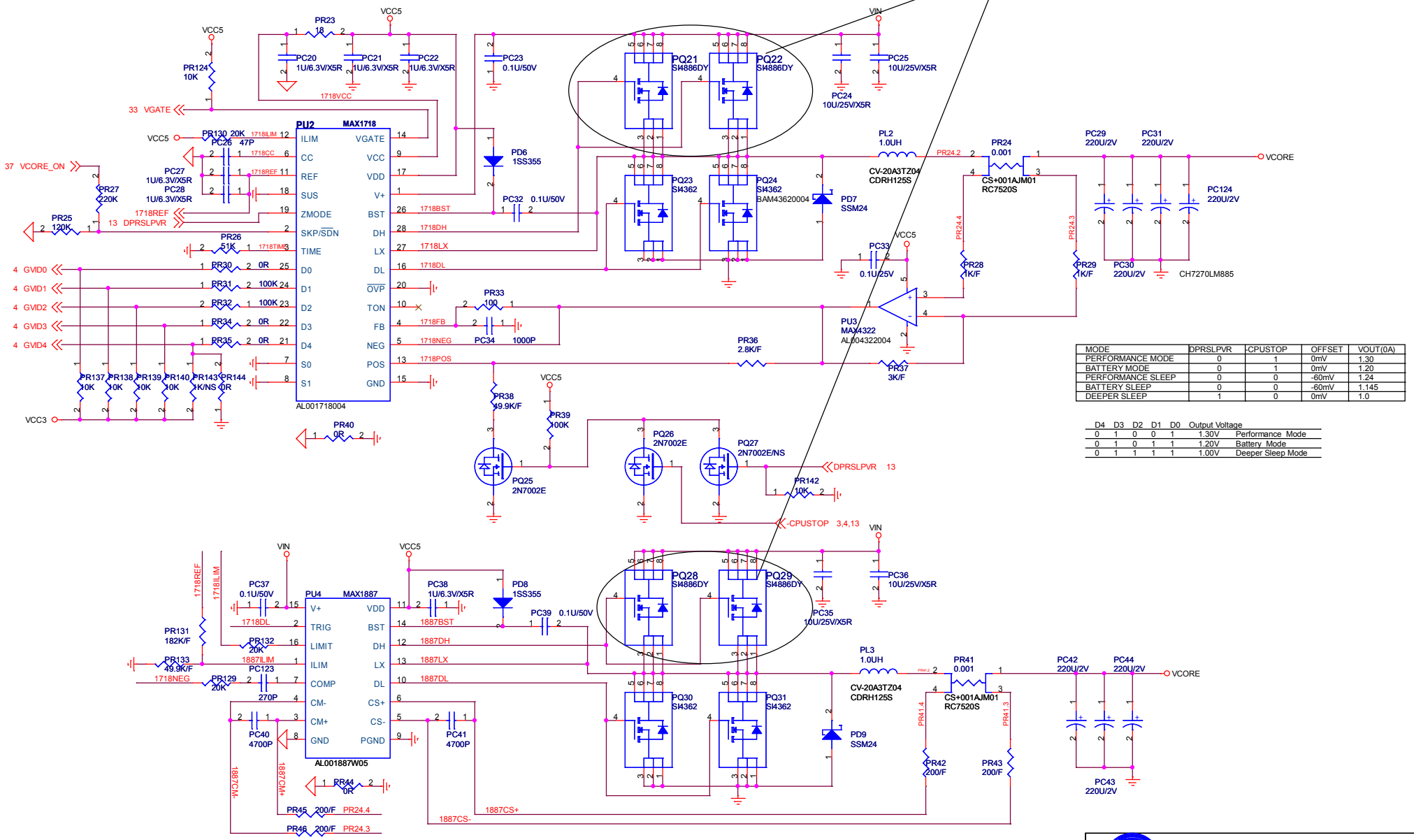
DC/DC CPU POWER

Rev. E changing



MODE	DPRSLPVR	-CPUSTOP	OFFSET	VOUT(0A)
PERFORMANCE MODE	0	1	0mV	1.30
BATTERY MODE	0	1	0mV	1.20
PERFORMANCE SLEEP	0	0	-60mV	1.24
BATTERY SLEEP	0	0	-60mV	1.145
DEEPER SLEEP	1	0	0mV	1.0

D4	D3	D2	D1	D0	Output Voltage	
0	1	0	0	1	1.30V	Performance Mode
0	1	0	1	1	1.20V	Battery Mode
0	1	1	1	1	1.00V	Deeper Sleep Mode

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Custom	DC/DC VCORE	A
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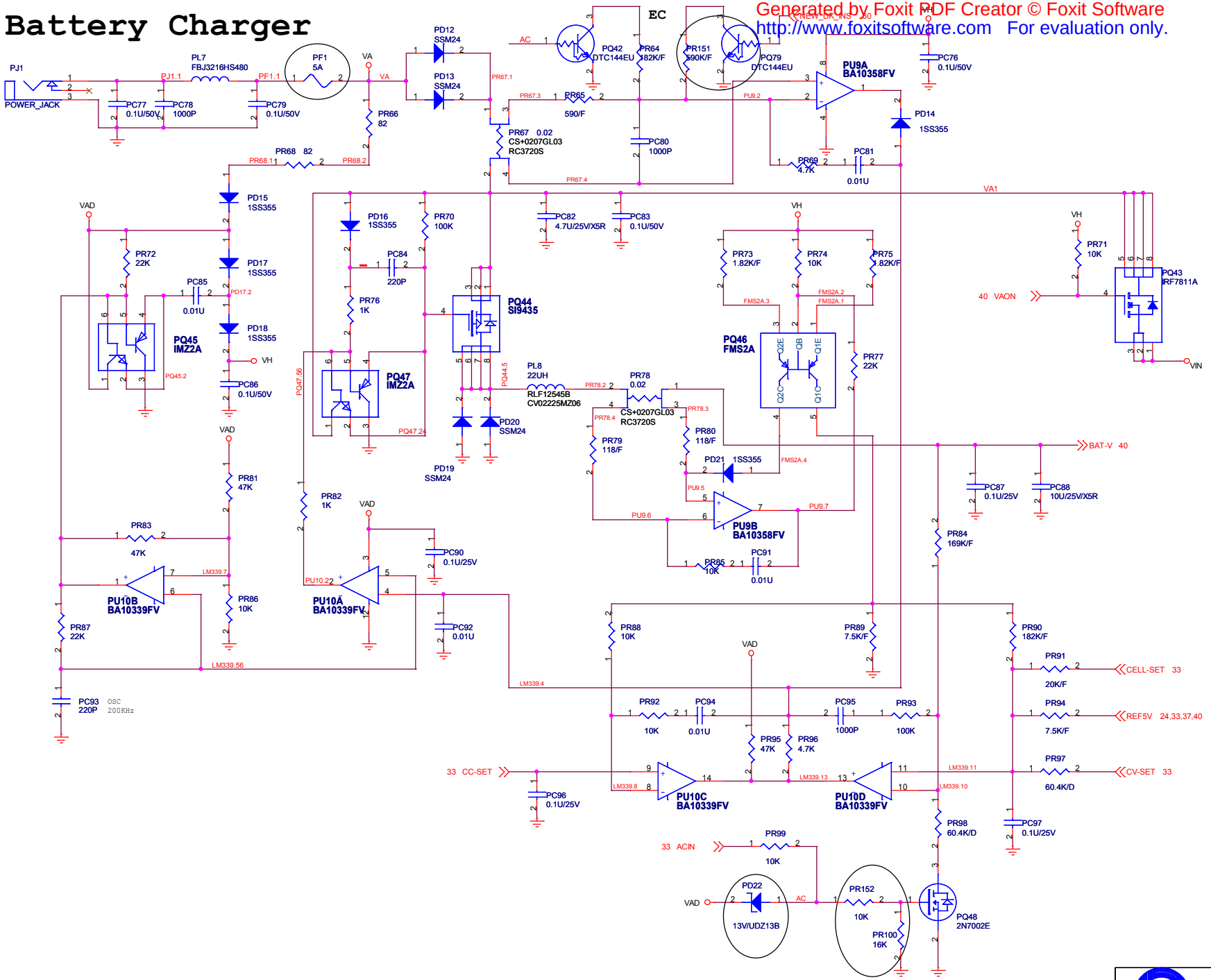
Battery Charger



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Custom	BATTERY CHARGER	A
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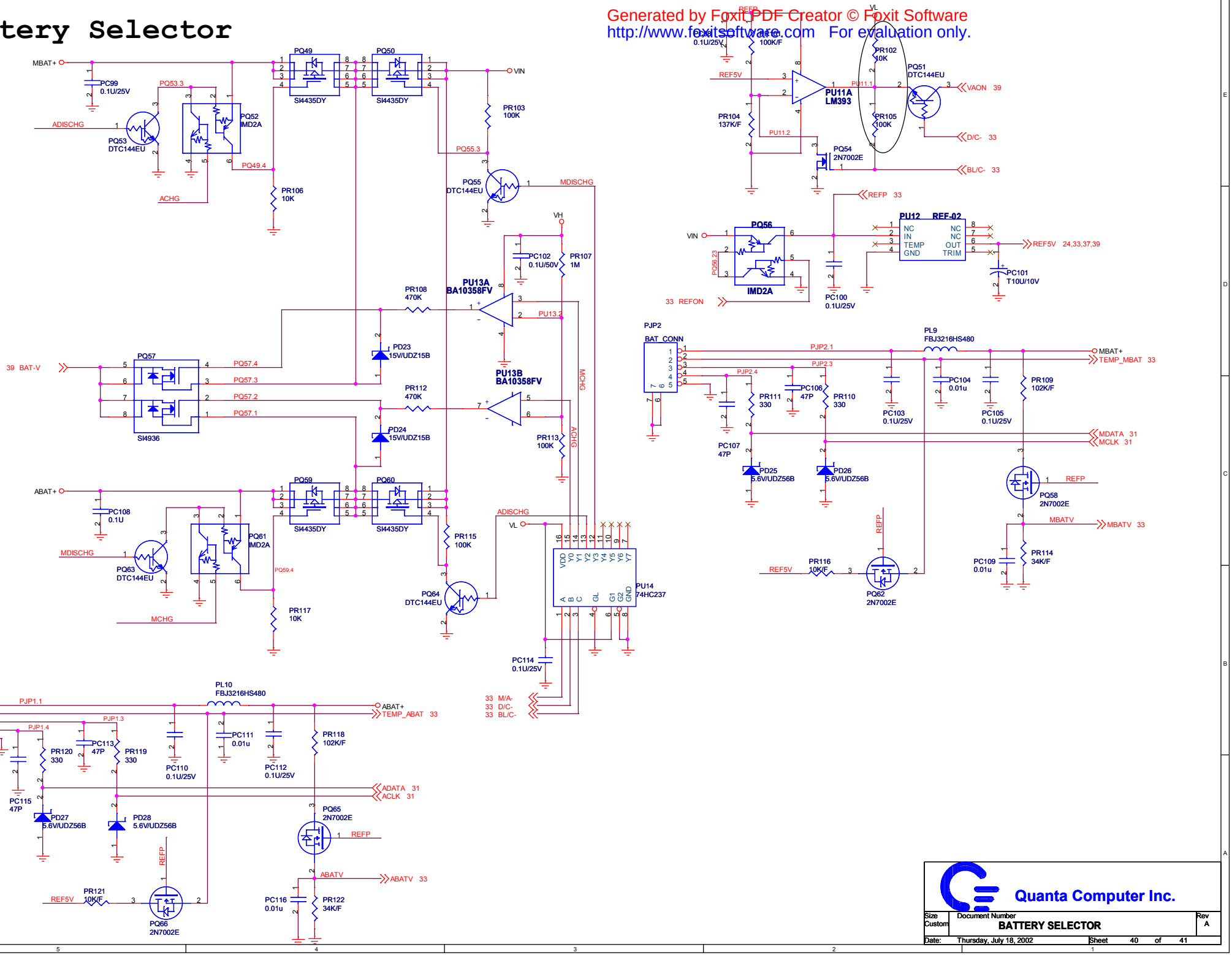
Battery Selector



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Custom	BATTERY SELECTOR	A
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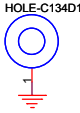
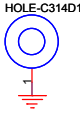
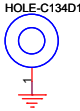
PAD1
HOLE-C134D118N
HOLE-C134D118N



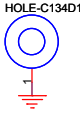
PAD2
HOLE-C314D118N
HOLE-C314D118N



PAD3
HOLE-C134D118N
HOLE-C134D118N



PAD4
HOLE-C134D118N
HOLE-C134D118N



PAD5
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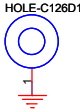
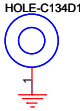
HOLE-C126D110



PAD6
HOLE-C134D118
HOLE-C134D118



PAD7
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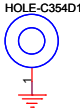
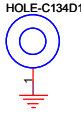
HOLE-C354D197



PAD8
HOLE-C134D118N
HOLE-C134D118N



PAD9
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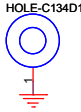
HOLE-C134D118N



PAD10
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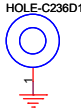
HOLE-C236D158



PAD11
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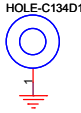

PAD12
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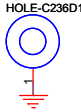
HOLE-C236D102



PAD13
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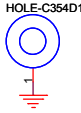
HOLE-C354D197



PAD14
HOLE-C134D118N
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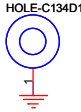

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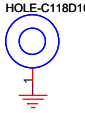

PAD16
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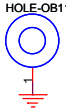

PAD17
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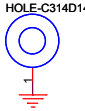
HOLE-C314D142N



PAD18
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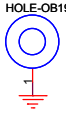
HOLE-OB197X48DOB173X24



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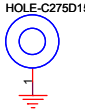
HOLE-C275D158



PAD20
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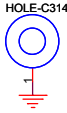

PAD21
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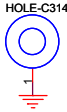

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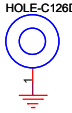
HOLE-C126D110N



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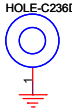
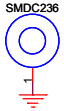
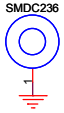
HOLE-C236D236N



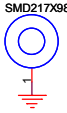
PAD24
SMDC236
SMDC236



PAD25
SMDC236
SMDC236



PAD?
SMD217X98NS
SMD217X98NS



PAD?
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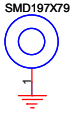

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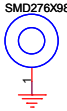

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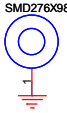

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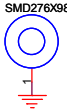

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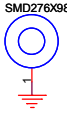

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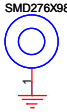

Quanta Computer Inc.

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