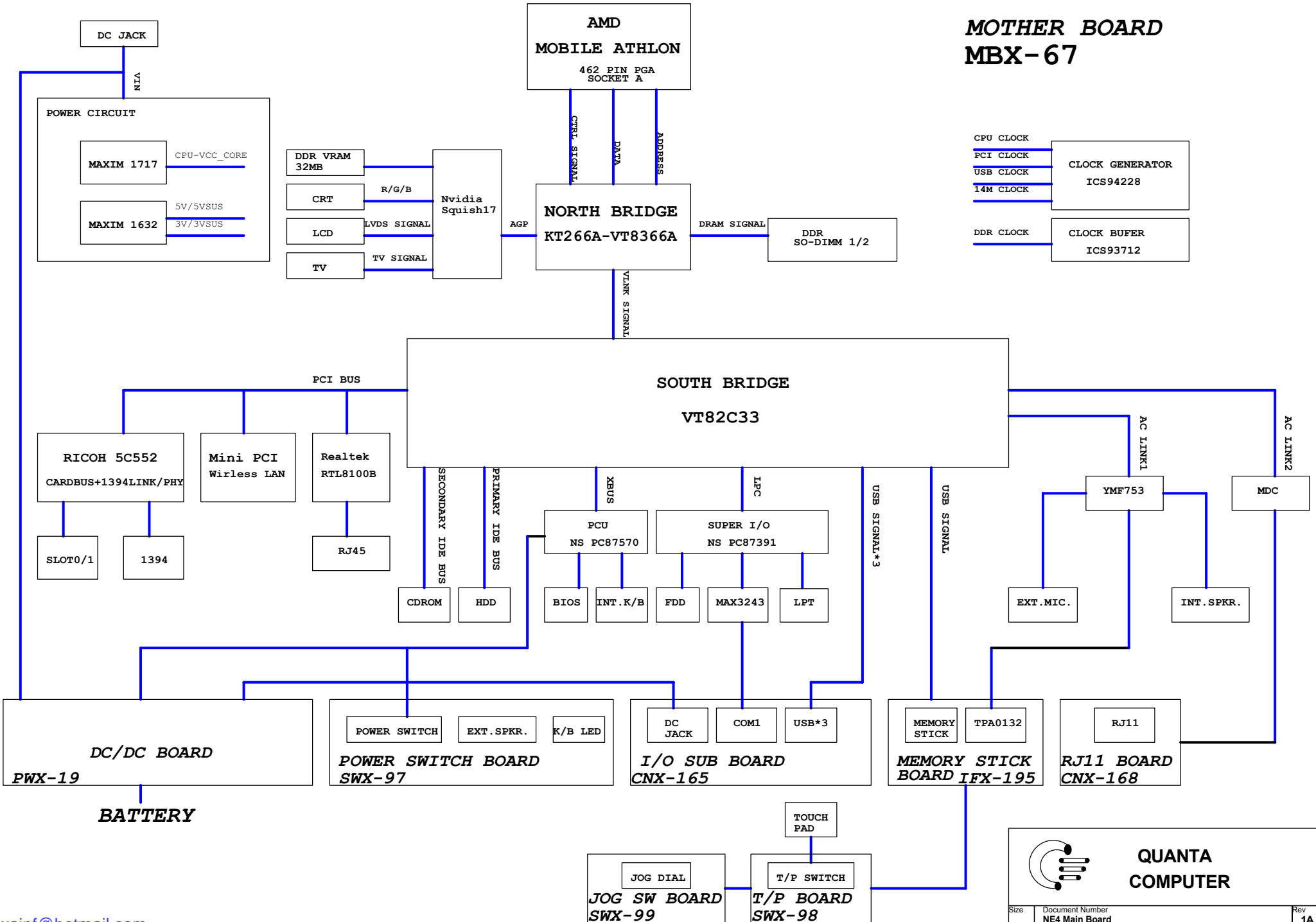


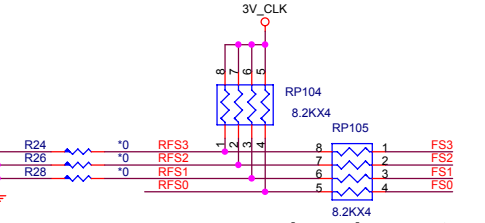
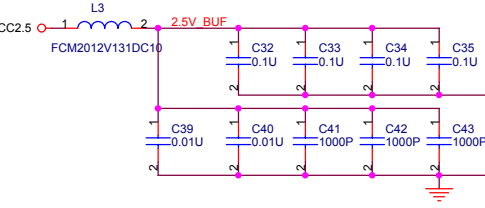
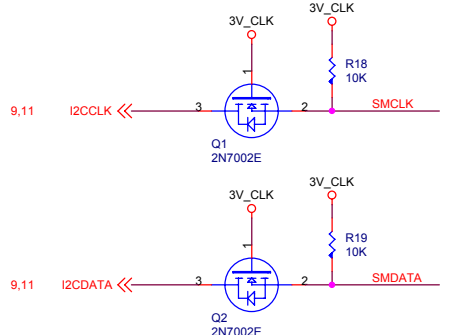
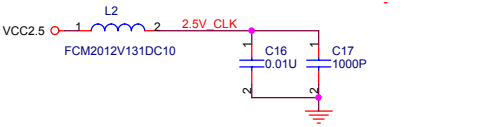
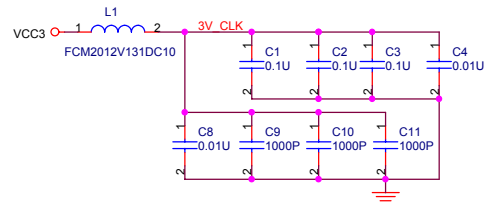
MOTHER BOARD MBX-67



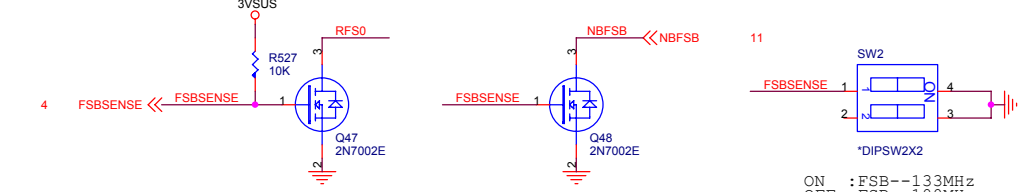
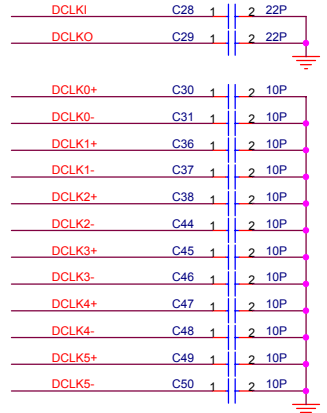
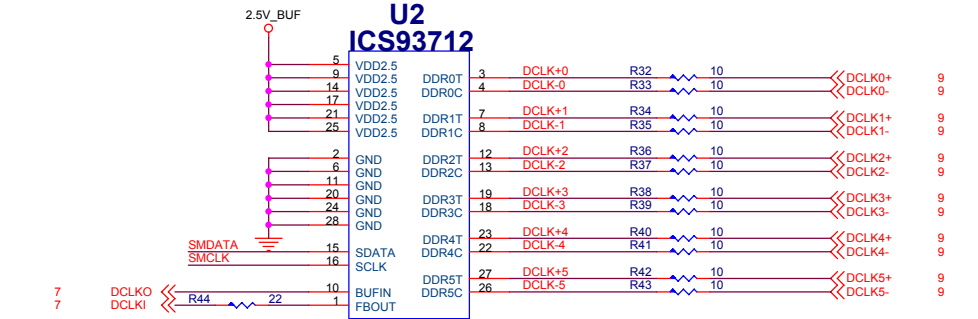
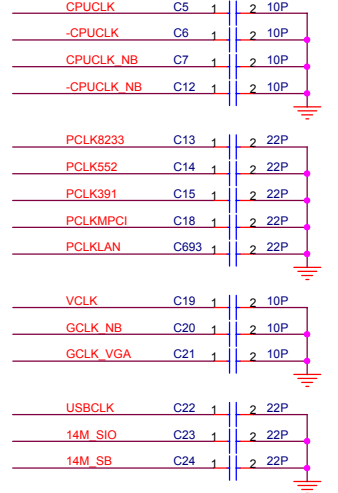
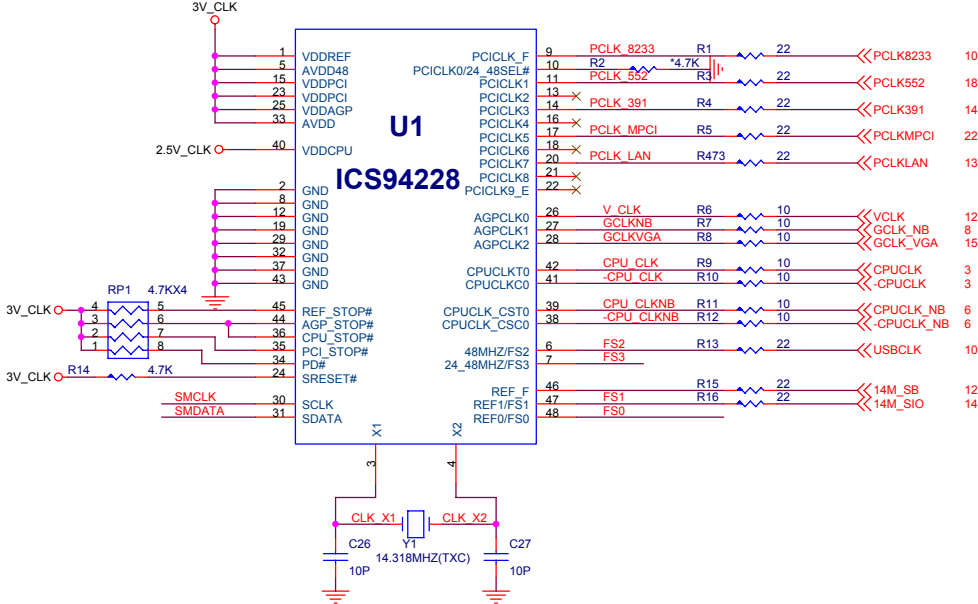
QUANTA COMPUTER

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Place close to CLK gen and series terminator

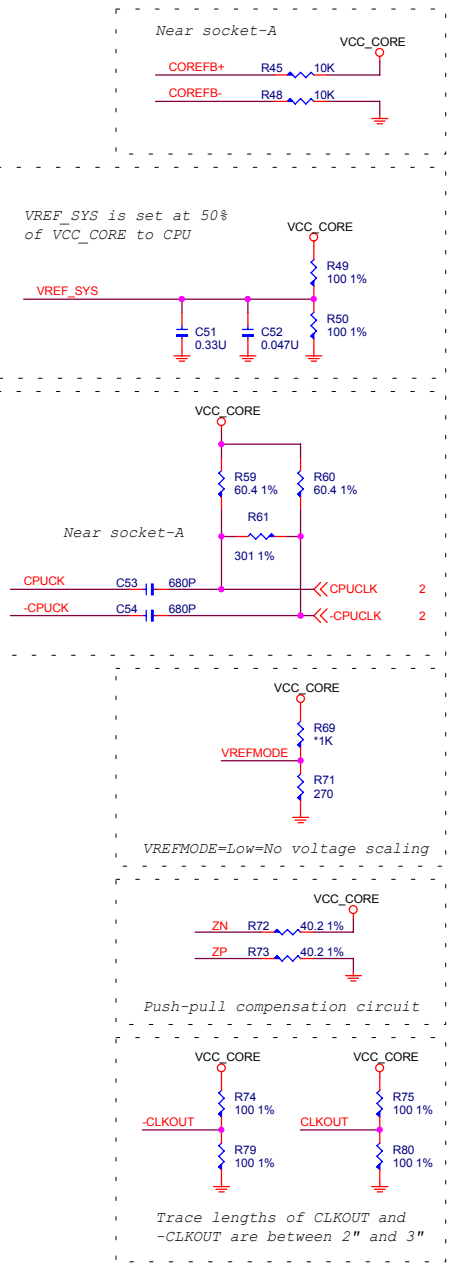
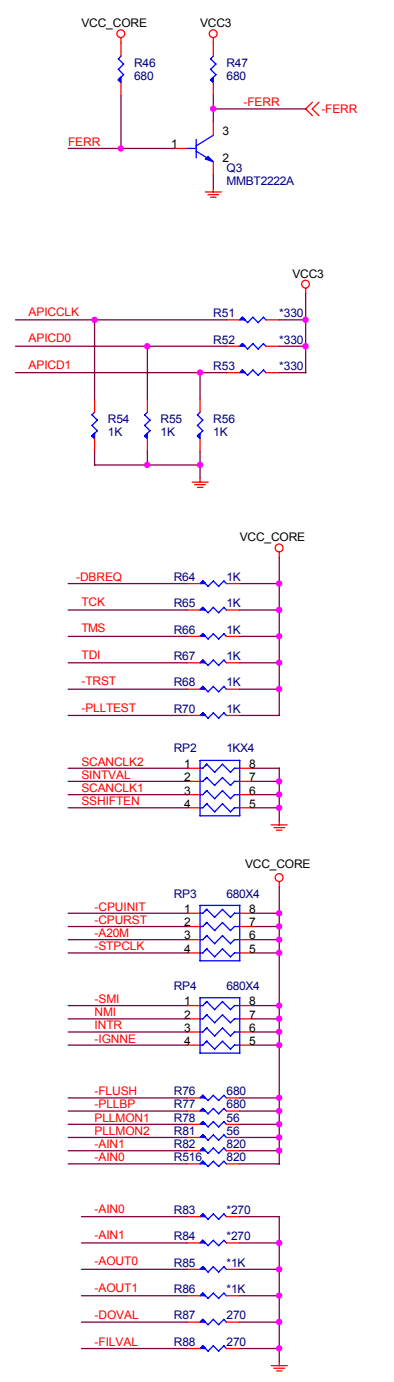
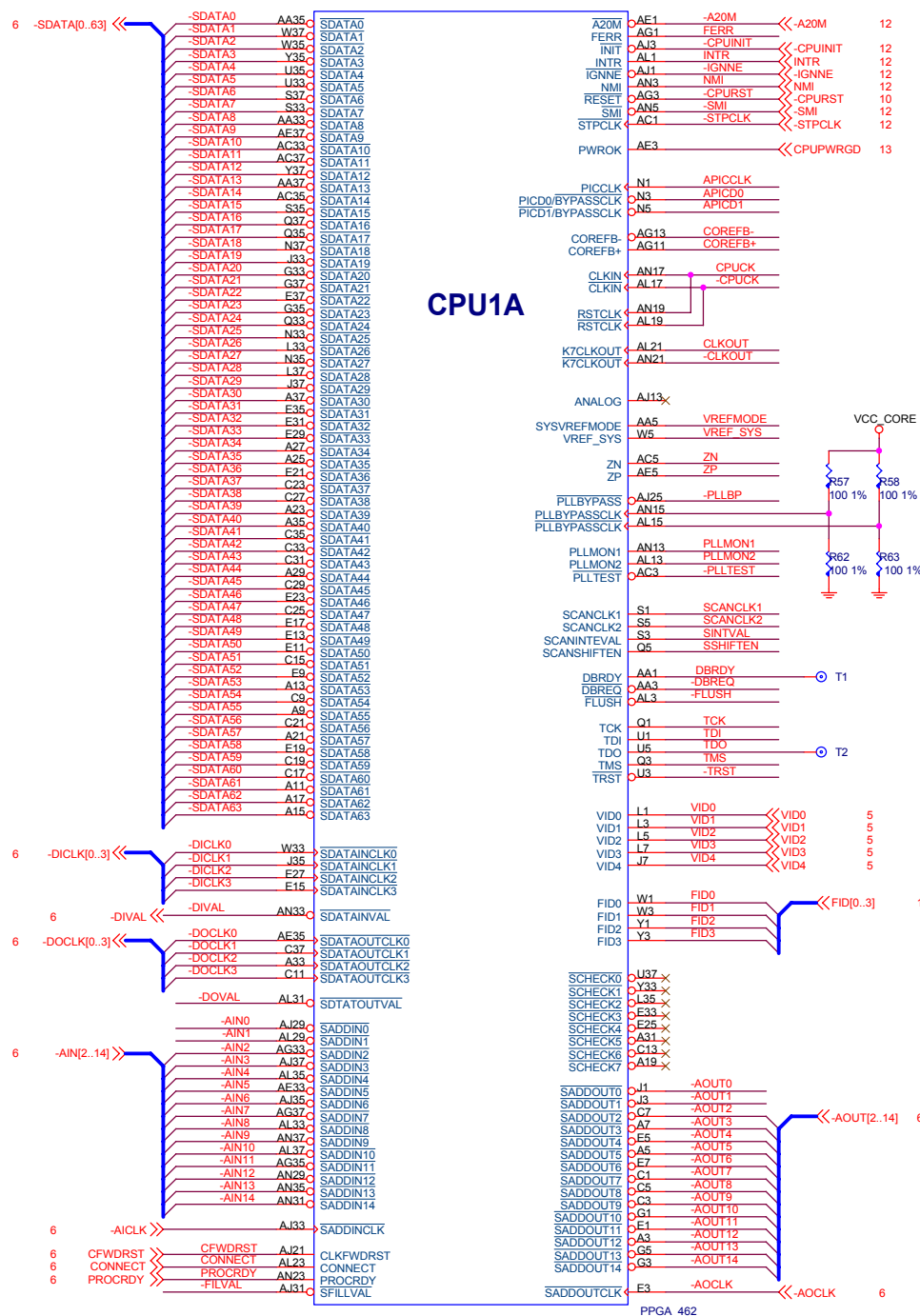


ON :FSB--133MHz
OFF :FSB--100MHz



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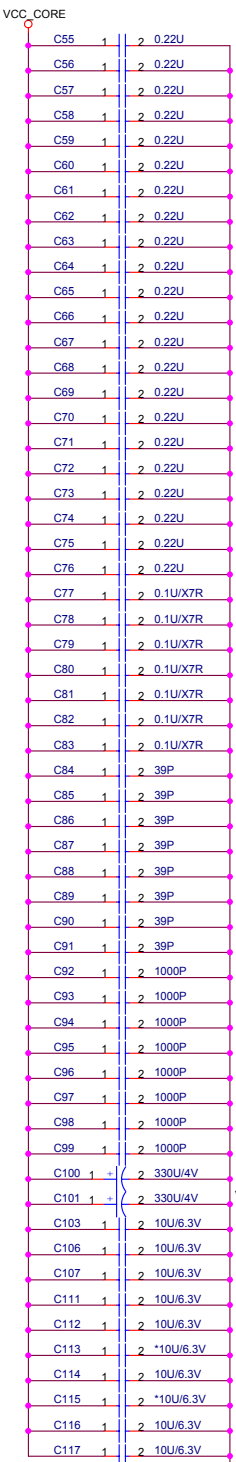


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NE4 Main Board

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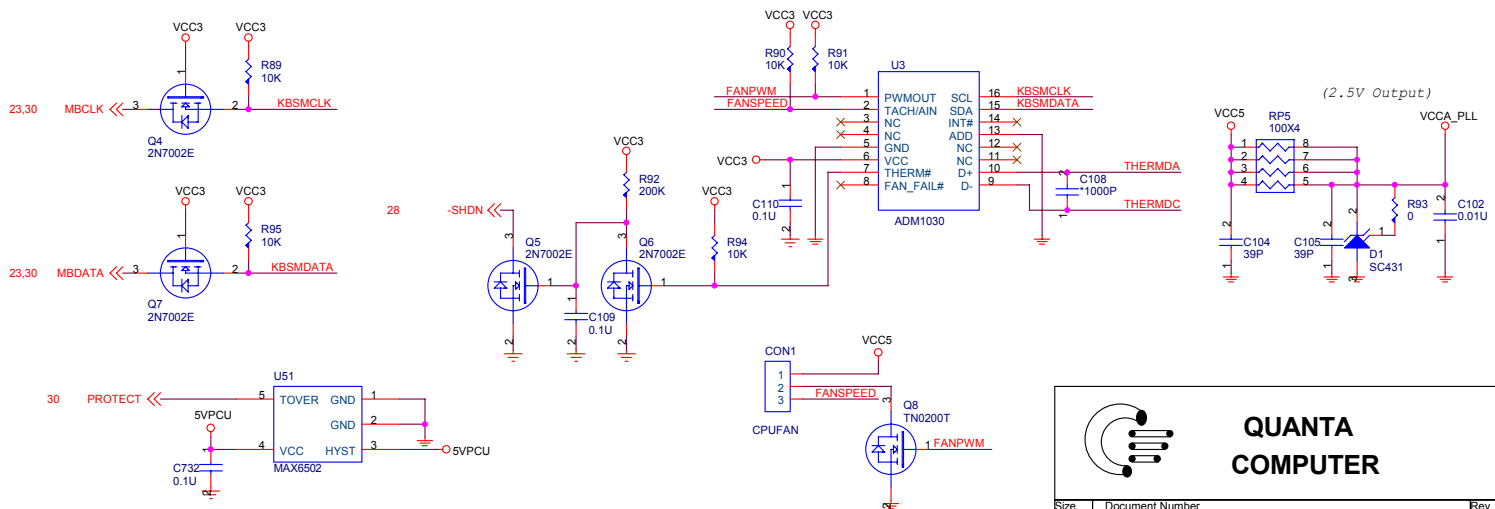
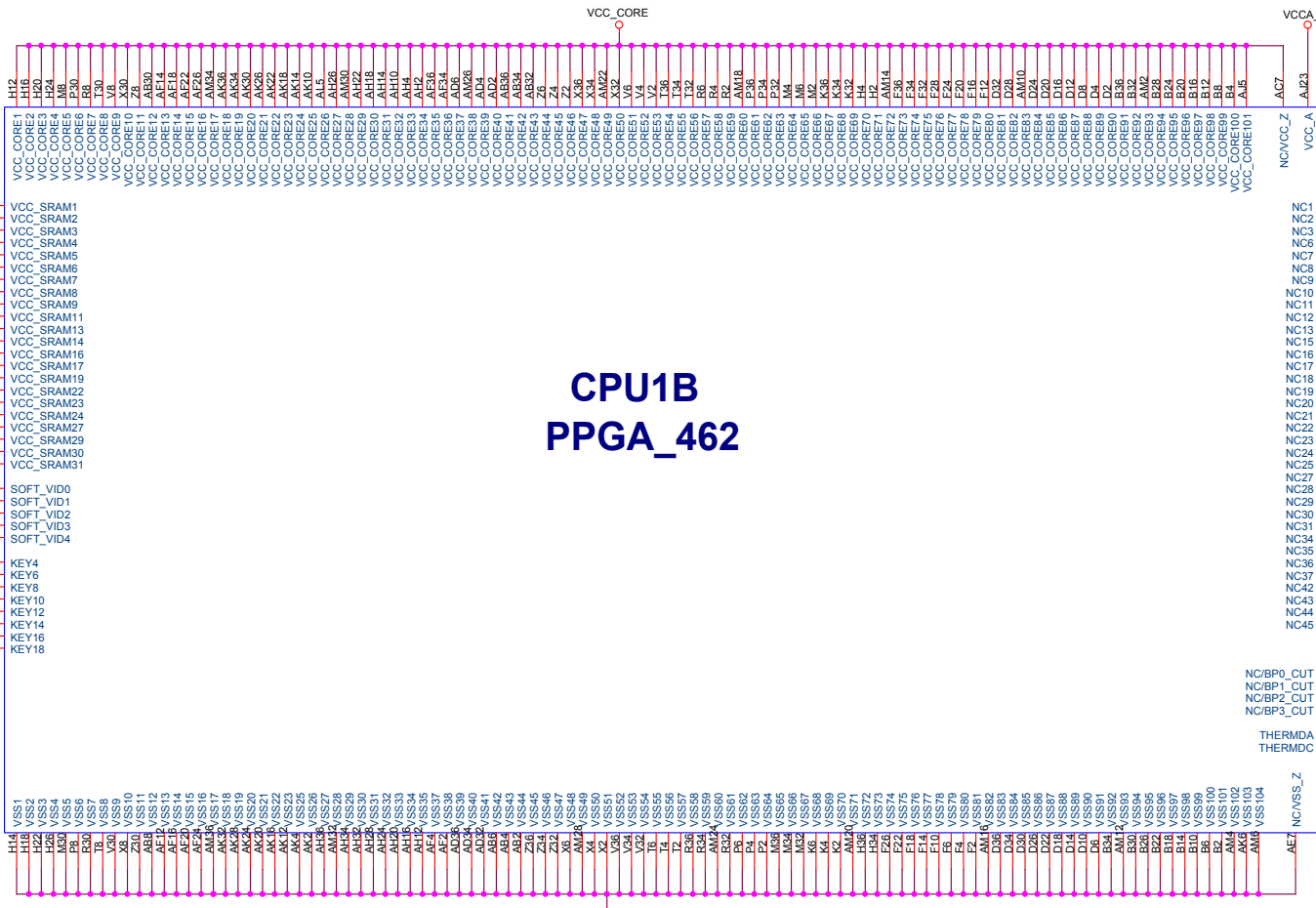
CPU1B PPGA_462



- AD30 VCC_SRAM1
- AD8 VCC_SRAM2
- AF10 VCC_SRAM3
- AF28 VCC_SRAM4
- AF30 VCC_SRAM5
- AF32 VCC_SRAM6
- AF6 VCC_SRAM7
- AF9 VCC_SRAM8
- AH30 VCC_SRAM11
- AH8 VCC_SRAM11
- AJ9 VCC_SRAM13
- AK8 VCC_SRAM14
- AL9 VCC_SRAM16
- AM8 VCC_SRAM17
- F30 VCC_SRAM19
- H28 VCC_SRAM22
- H30 VCC_SRAM23
- H32 VCC_SRAM24
- K30 VCC_SRAM27
- AJ7 VCC_SRAM29
- AL7 VCC_SRAM30
- AN7 VCC_SRAM31

- 5 SOFT_VID0 << F8 SOFT_VID0
- 5 SOFT_VID1 << K8 SOFT_VID1
- 5 SOFT_VID2 << H6 SOFT_VID2
- 5 SOFT_VID3 << H6 SOFT_VID3
- 5 SOFT_VID4 << H10 SOFT_VID4

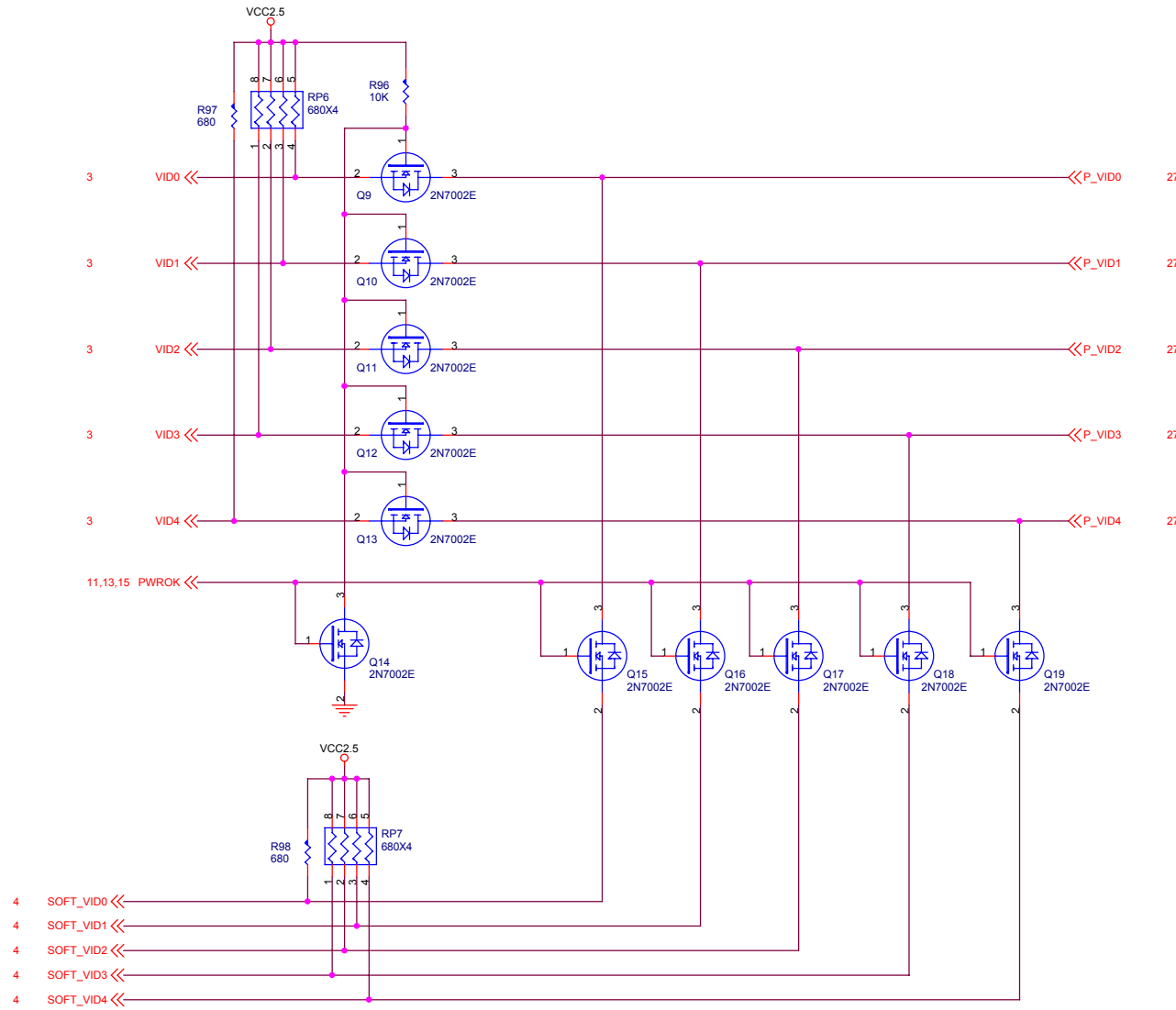
- X G25 KEY4
- X G17 KEY6
- X G9 KEY8
- X N7 KEY8
- X Y7 KEY10
- X AG7 KEY12
- X AG15 KEY16
- X AG29 KEY18



**QUANTA
COMPUTER**

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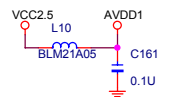
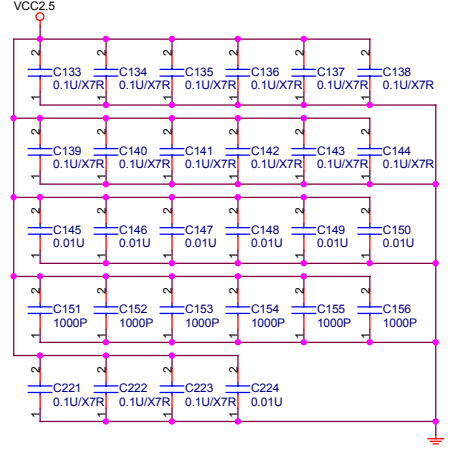
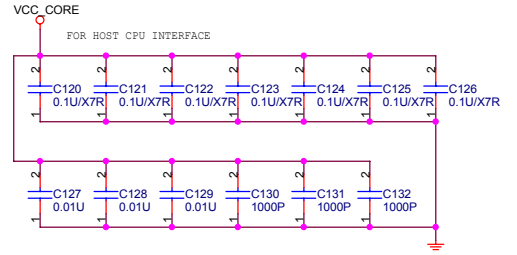
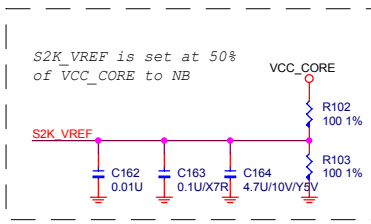
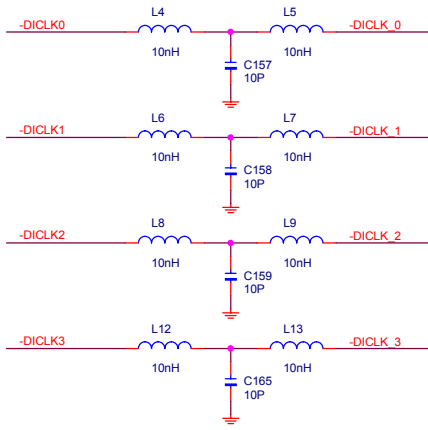
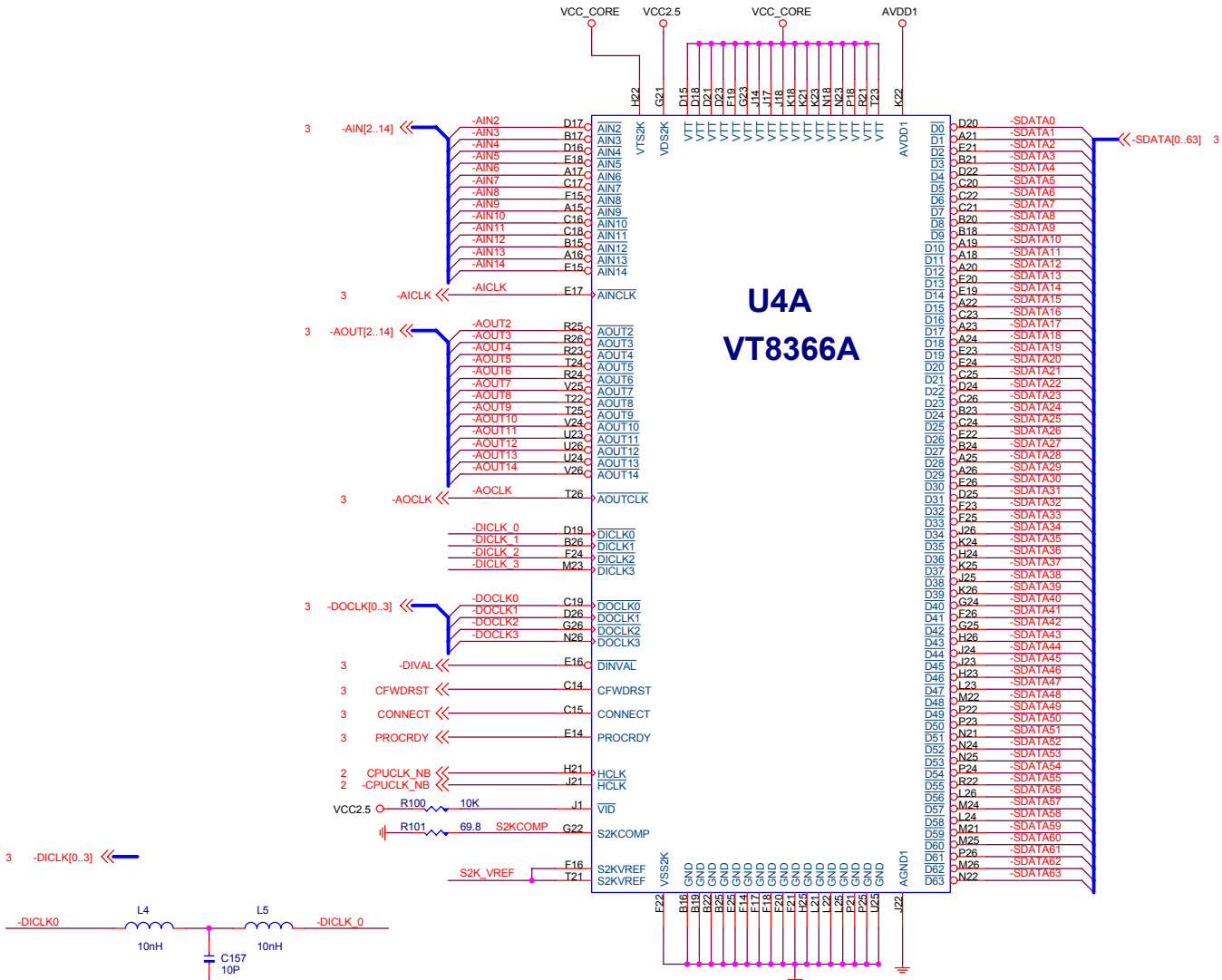
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VID[4..0]	Voltage
0 0 0 0 0	2.00V
0 0 0 0 1	1.95V
0 0 0 1 0	1.90V
0 0 0 1 1	1.85V
0 0 1 0 0	1.80V
0 0 1 0 1	1.75V
0 0 1 1 0	1.70V
0 0 1 1 1	1.65V
0 1 0 0 0	1.60V
0 1 0 0 1	1.55V
0 1 0 1 0	1.50V
0 1 0 1 1	1.45V
0 1 1 0 0	1.40V
0 1 1 0 1	1.35V
0 1 1 1 0	1.30V
0 1 1 1 1	Shutdown
1 0 0 0 0	1.275V
1 0 0 0 1	1.250V
1 0 0 1 0	1.225V
1 0 0 1 1	1.200V
1 0 1 0 0	1.175V
1 0 1 0 1	1.150V
1 0 1 1 0	1.125V
1 0 1 1 1	1.100V
1 1 0 0 0	1.075V
1 1 0 0 1	1.050V
1 1 0 1 0	1.025V
1 1 0 1 1	1.000V
1 1 1 0 0	0.975V
1 1 1 0 1	0.950V
1 1 1 1 0	0.925V
1 1 1 1 1	Shutdown

**QUANTA
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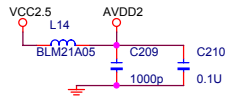
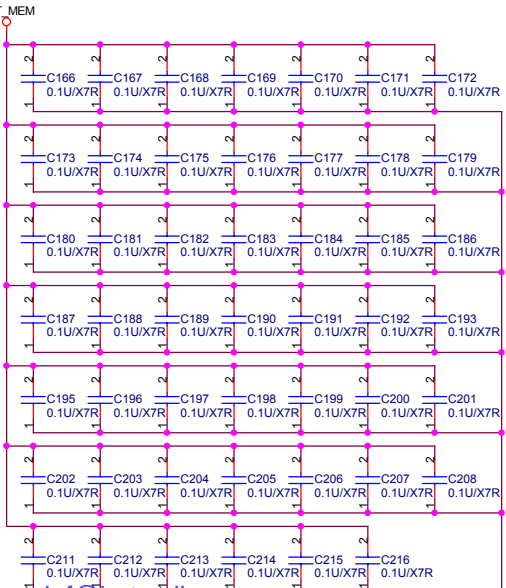
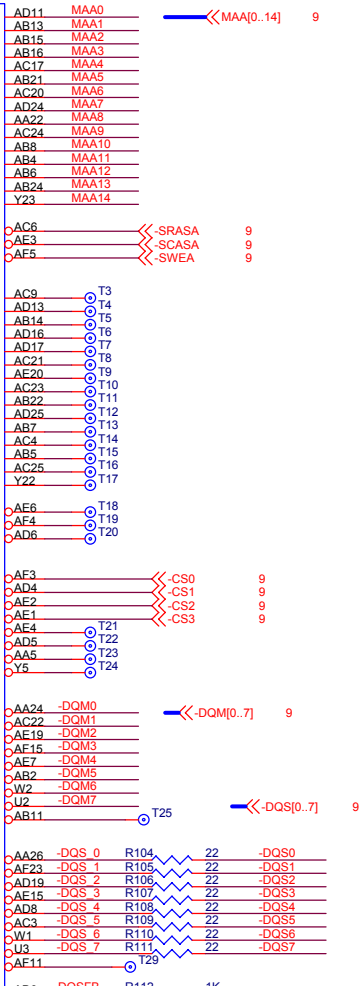
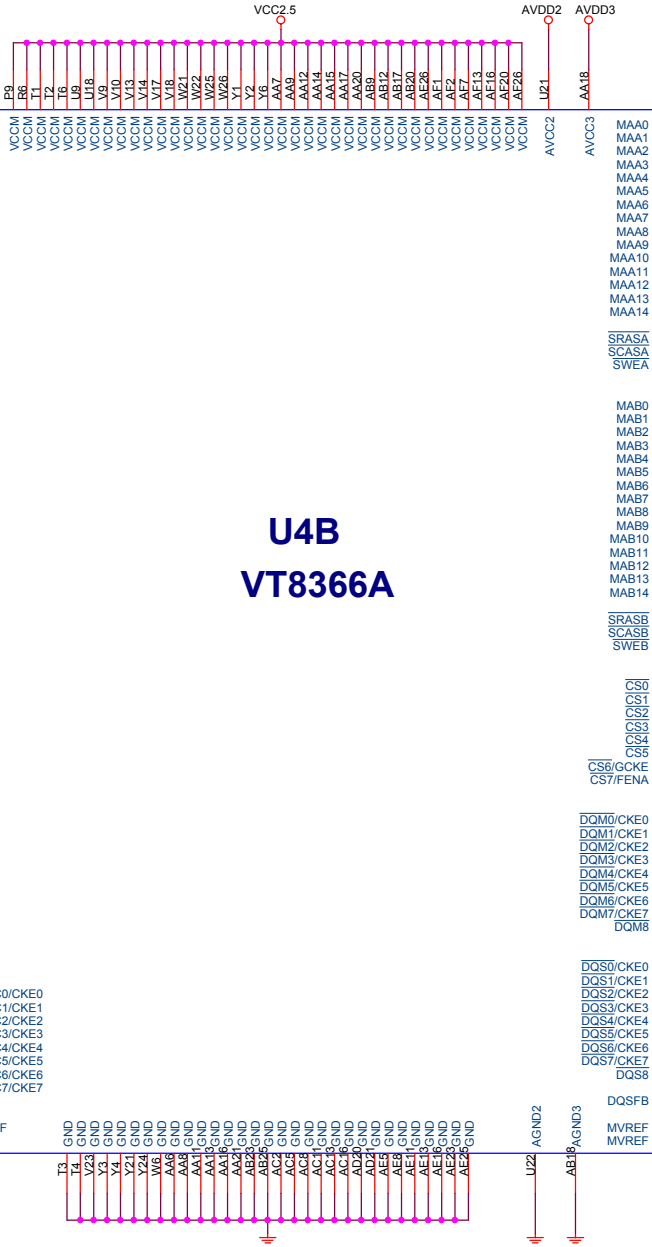
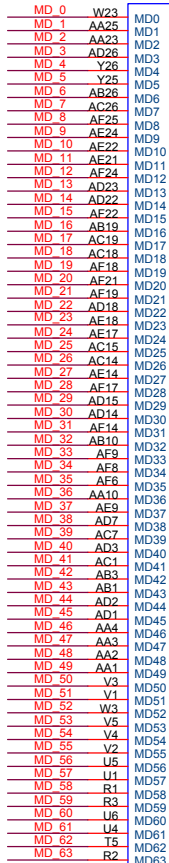
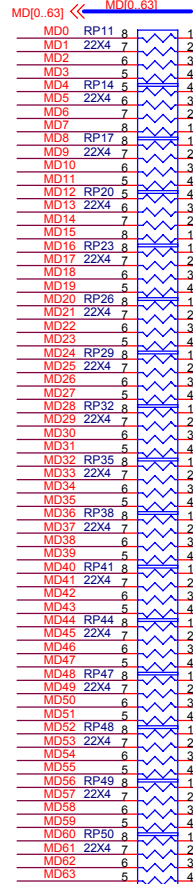
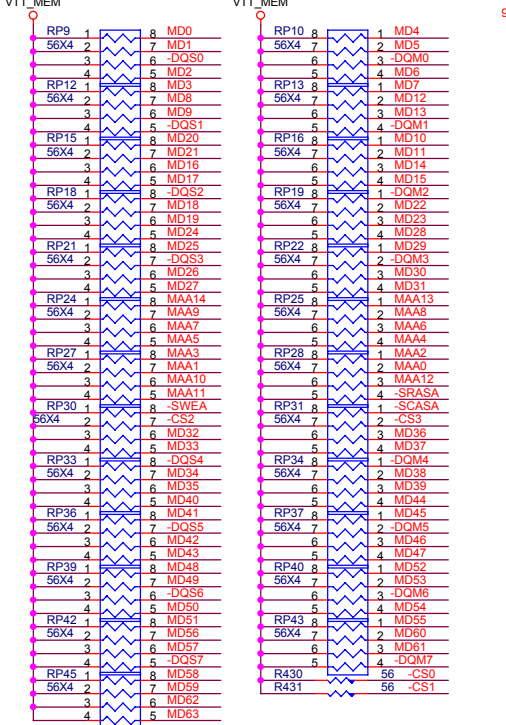
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DDR TERMINATION

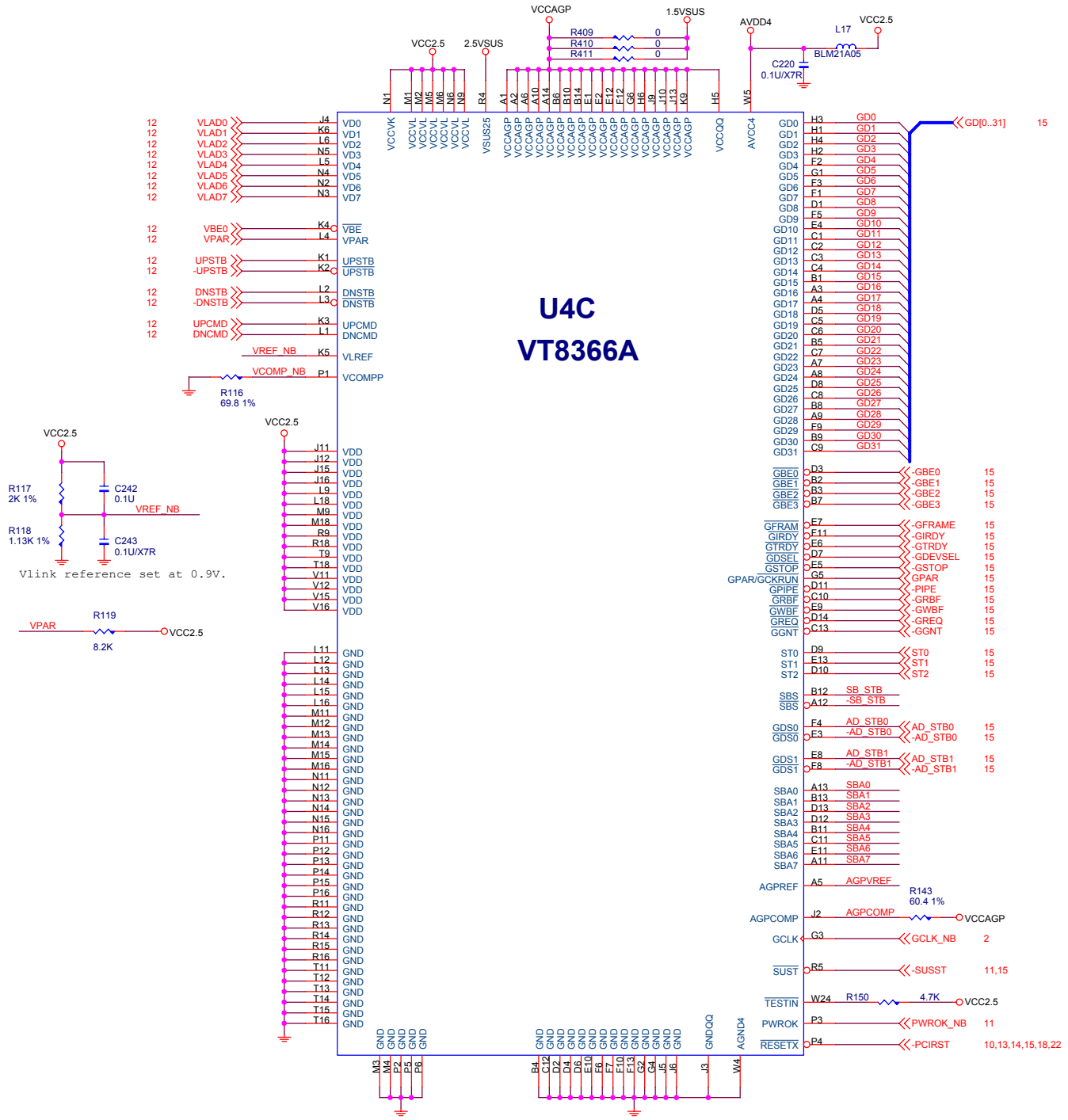


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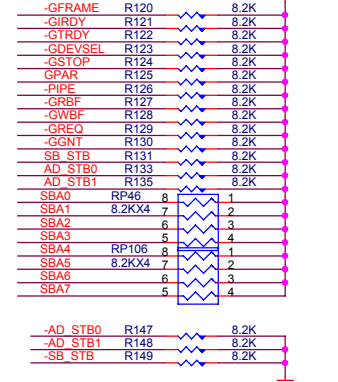
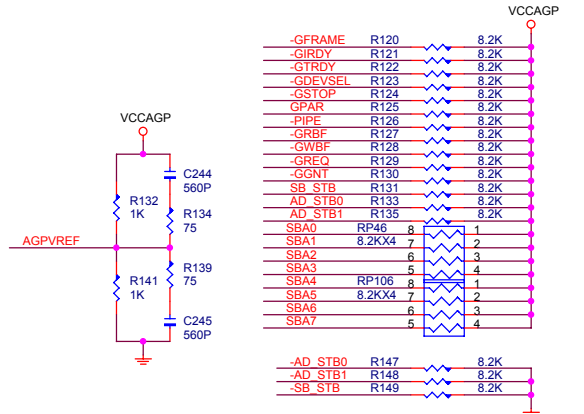
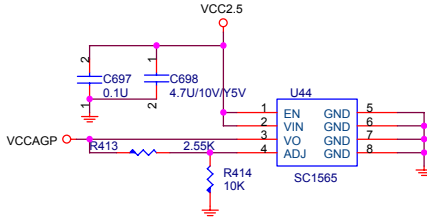
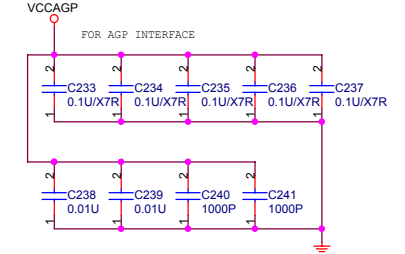
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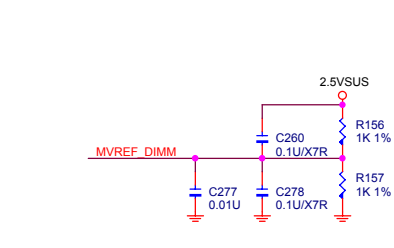
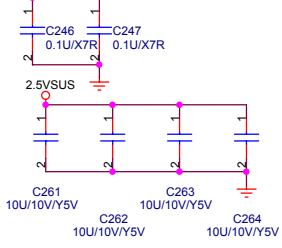
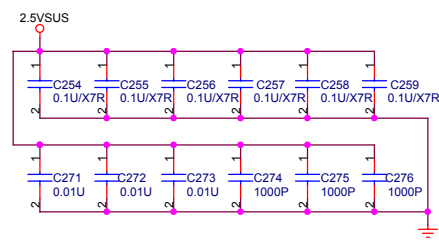
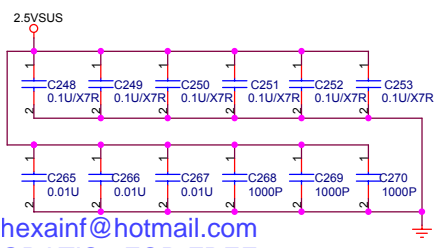
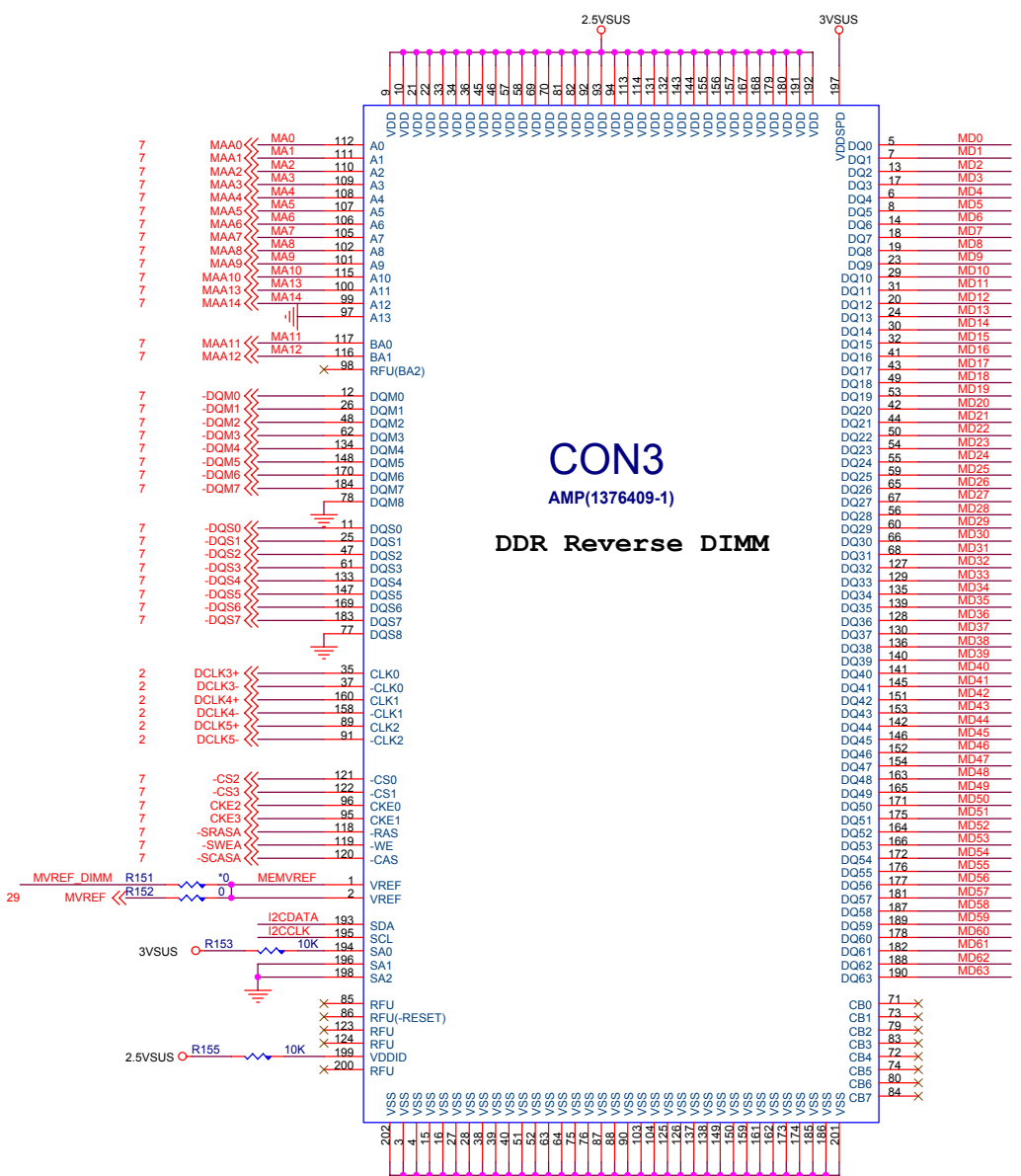
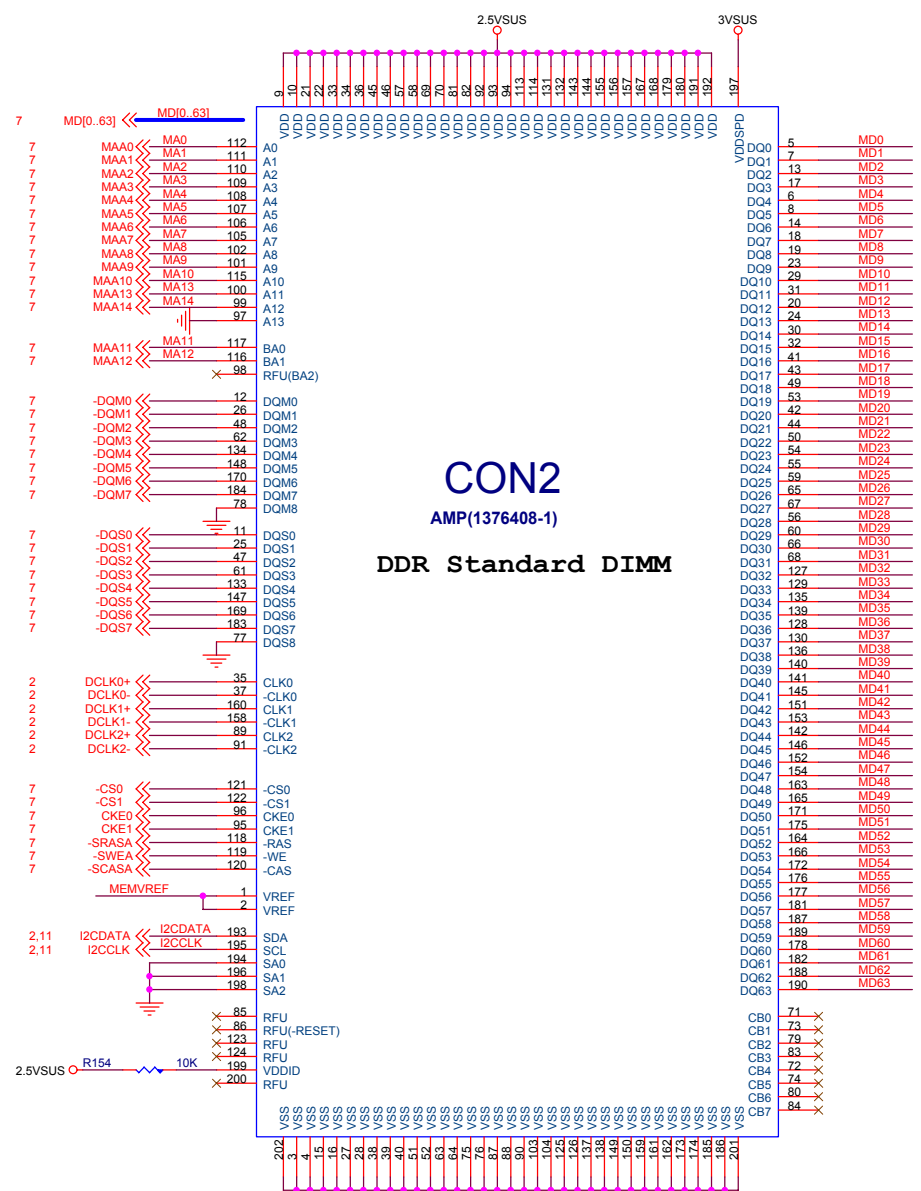
**U4C
VT8366A**





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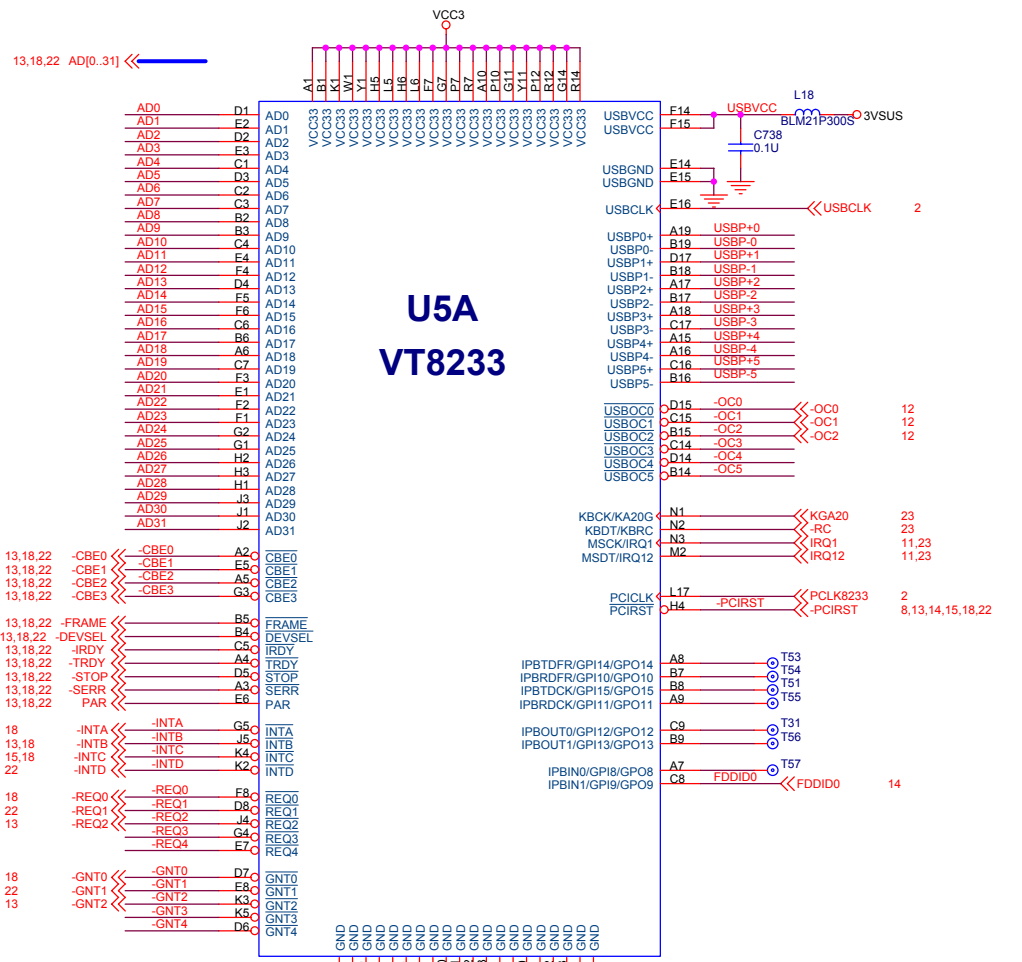
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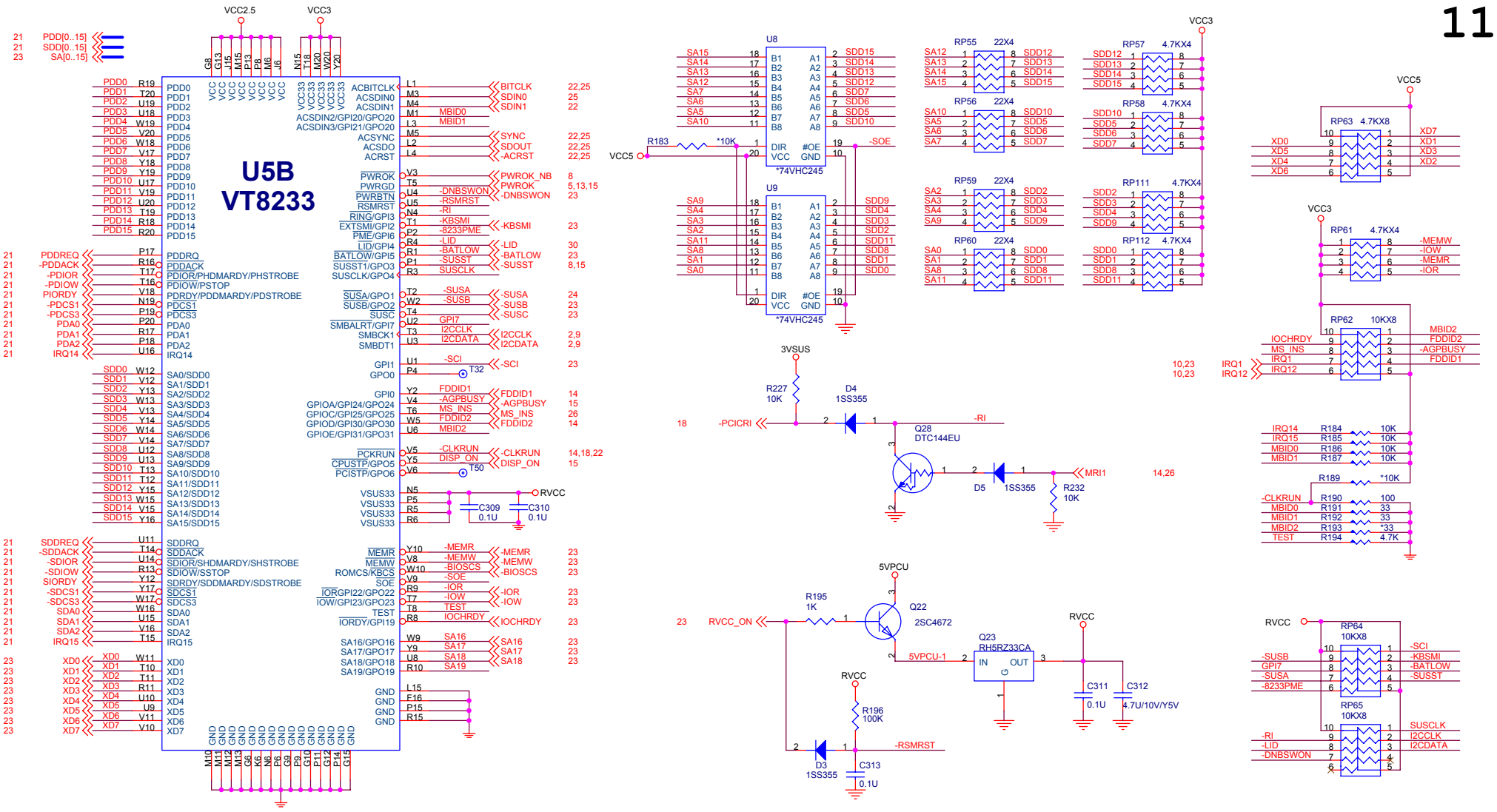


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Power Up Strappings :

SA[19:16] => CPU Clock Divider

0000	11	1000	7
0001	11.5	1001	7.5
0010	12	1010	8
0011	12.5	1011	8.5
0100	5	1100	9
0101	5.5	1101	9.5
0110	6	1110	10
0111	6.5	1111	10.5

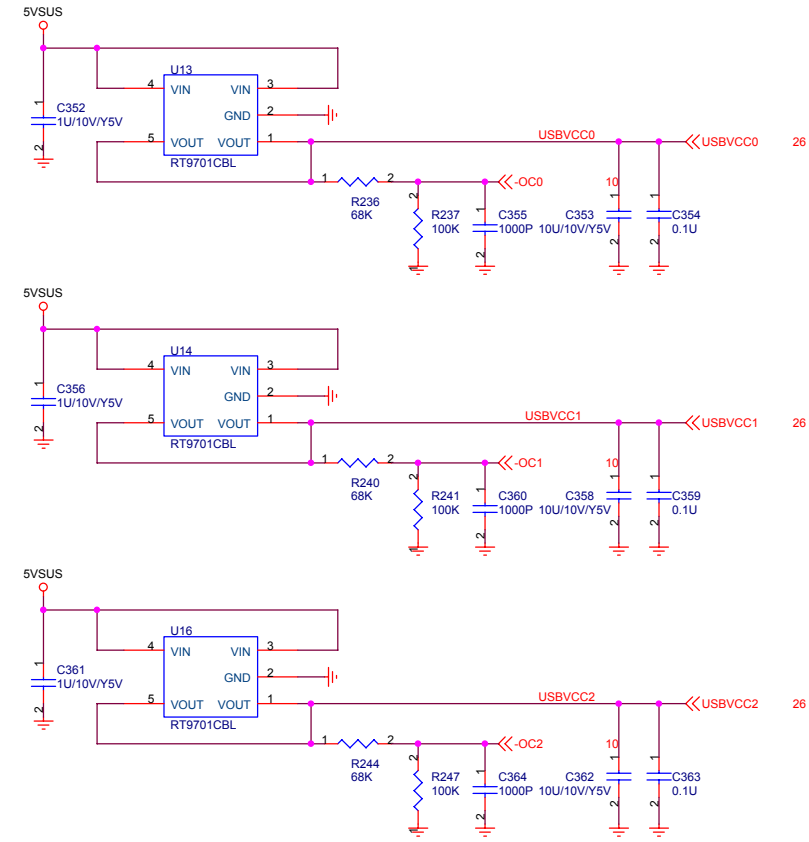
- SDA0 => CPU Clock Frequency
 0 - 100MHz (Default)
 1 - 133MHz
- SDA1 => Strapping Information Select
 0 - From Hardware Strapping (Default)
 1 - From Boot ROM
- SDA2 => North Bridge S2K DQ Select
 0 - Center DQ (Default)
 1 - Edge DQ
- ROMCS => LPC ROM Select
 0 - Disable LPC ROM (Default)
 1 - Enable LPC ROM
- SOE => Auto Reboot Select
 0 - Enable
 1 - Disable (Default)



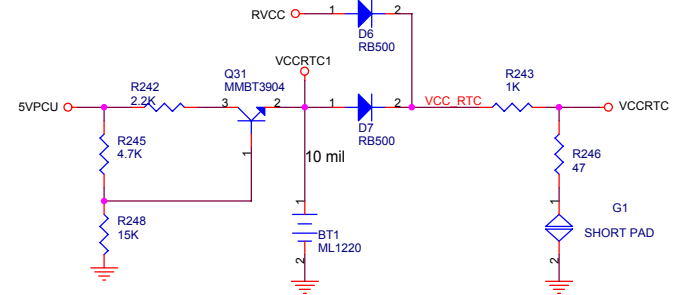
**QUANTA
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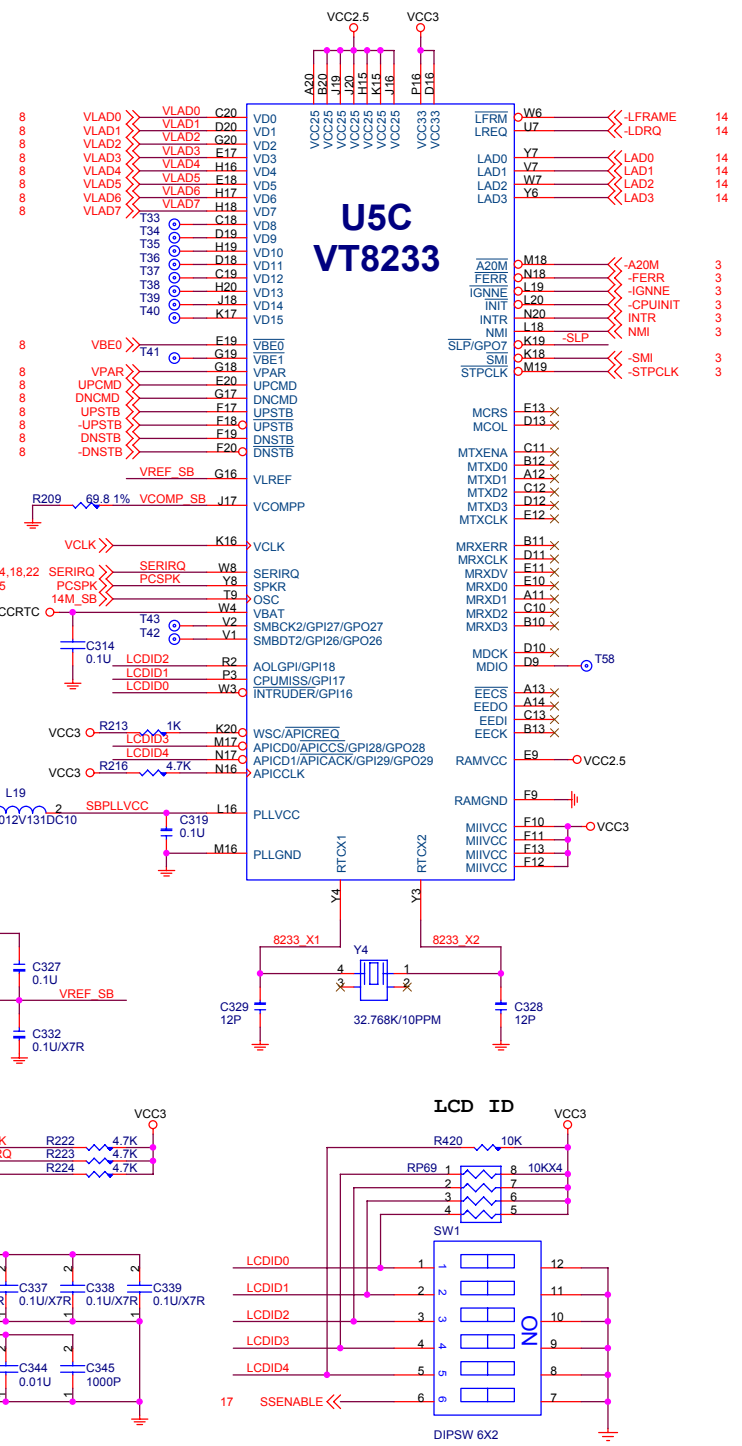
USB POWER




RTC



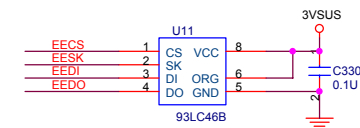
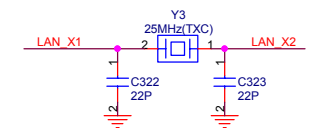
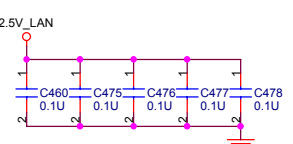
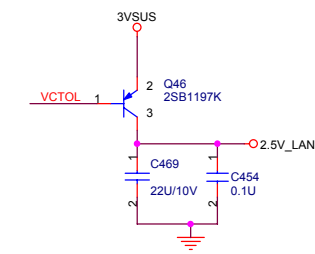
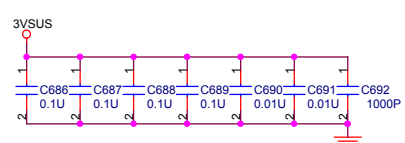
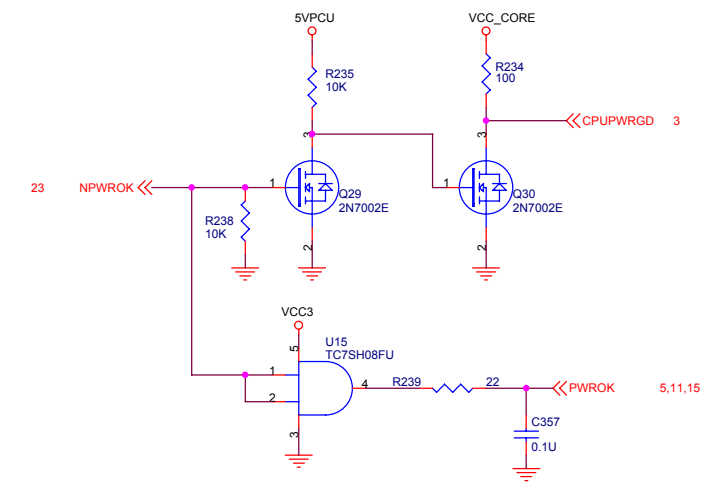
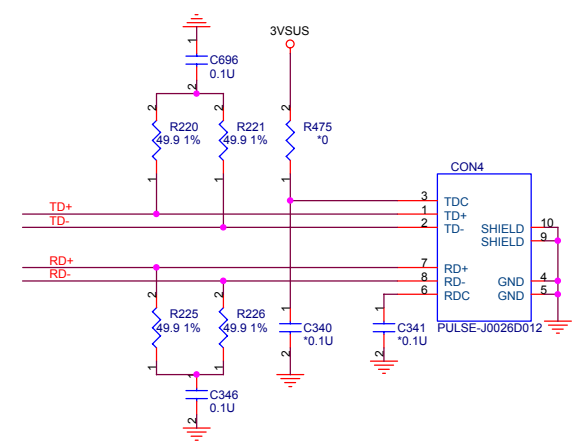
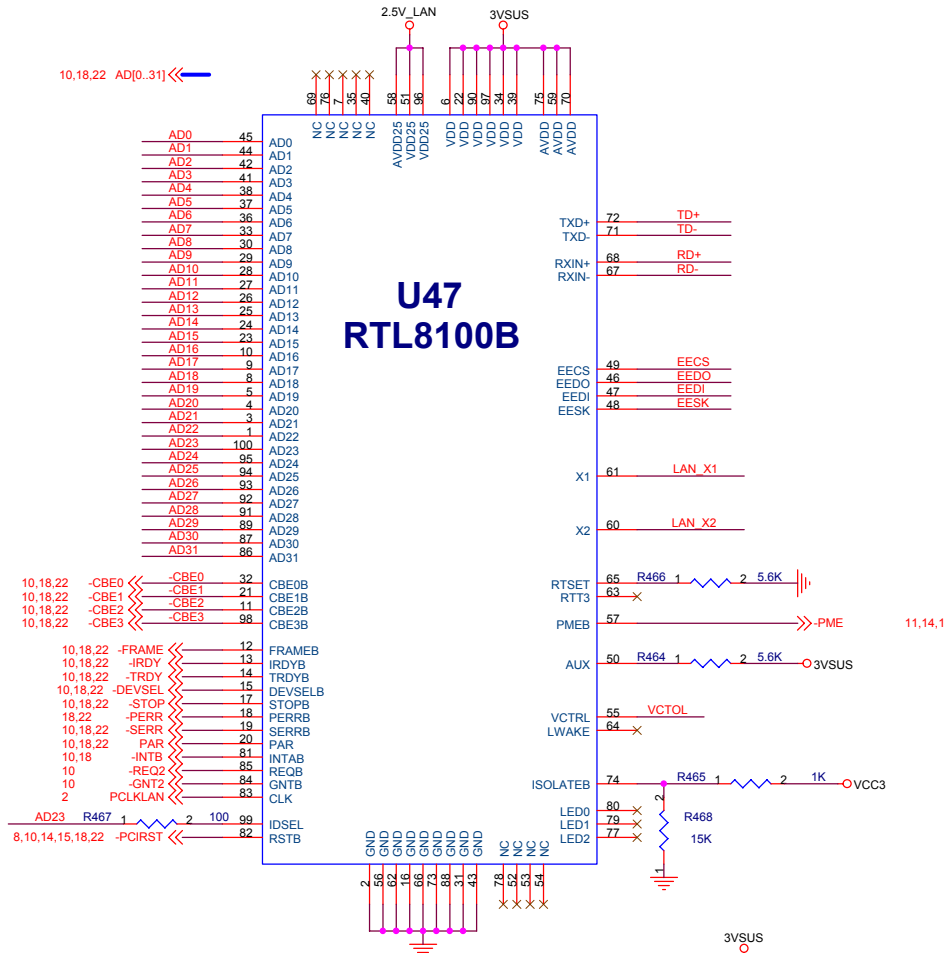
U5C VT8233






**QUANTA
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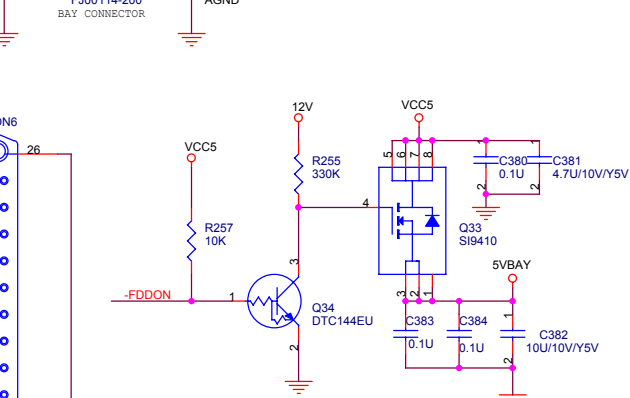
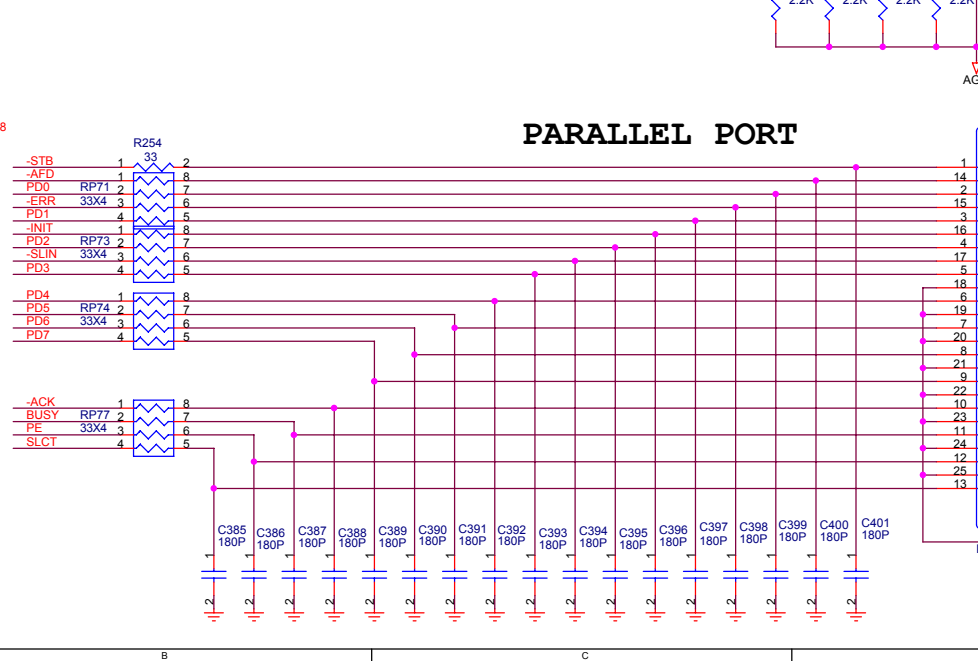
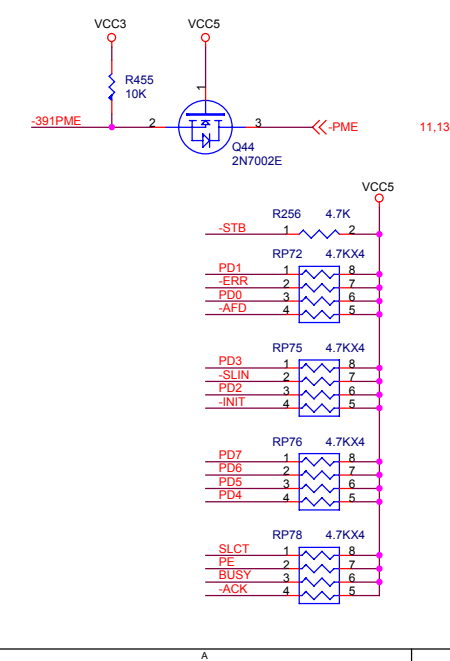
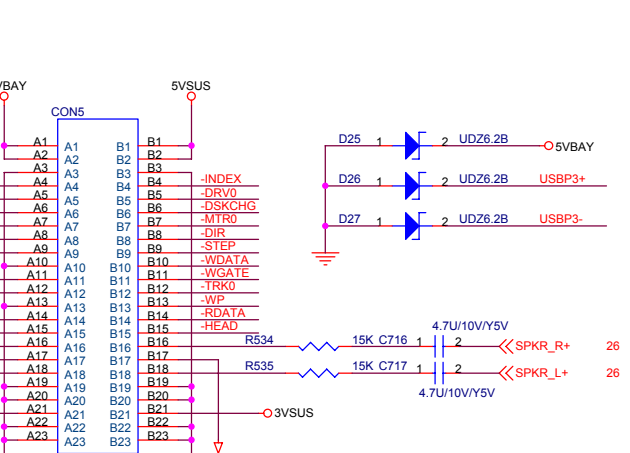
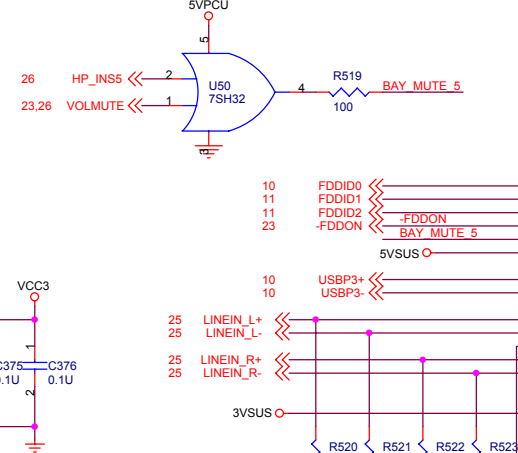
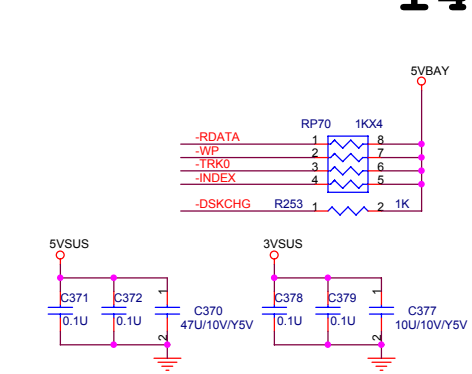
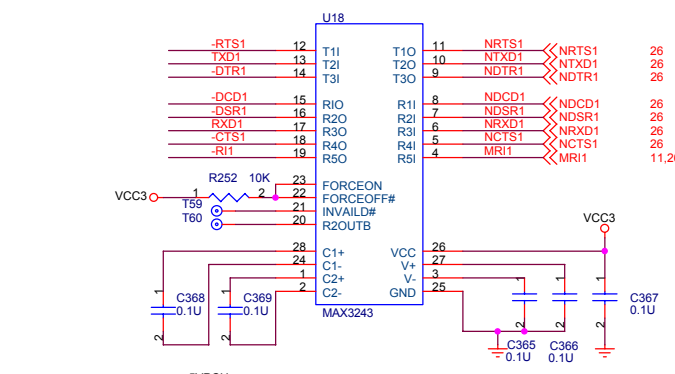
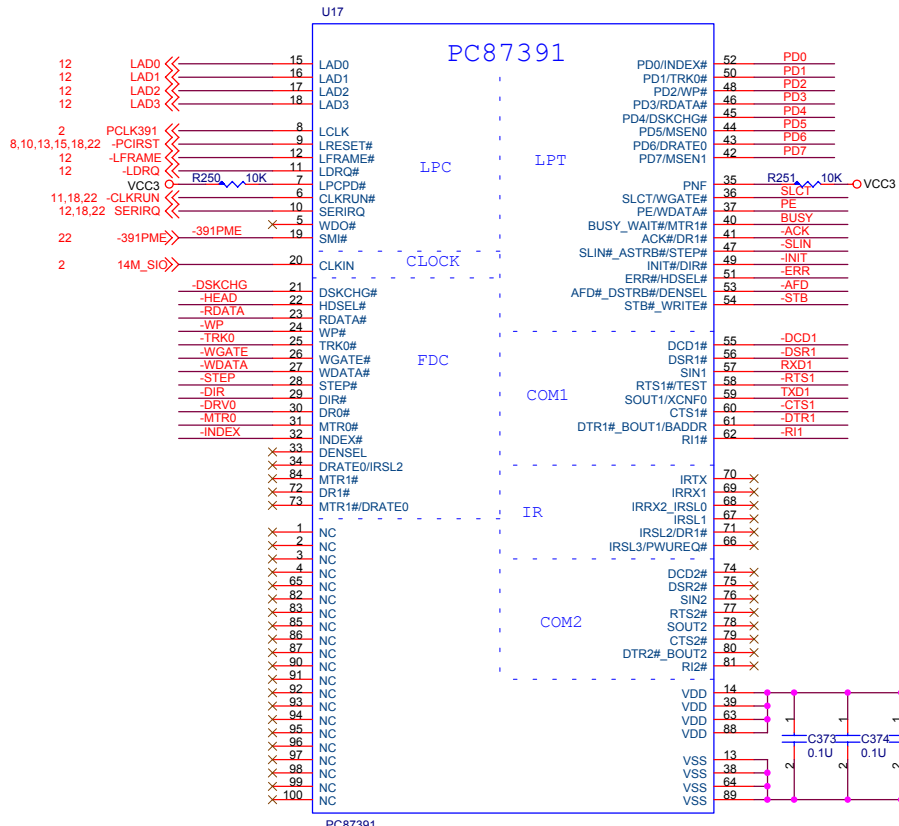
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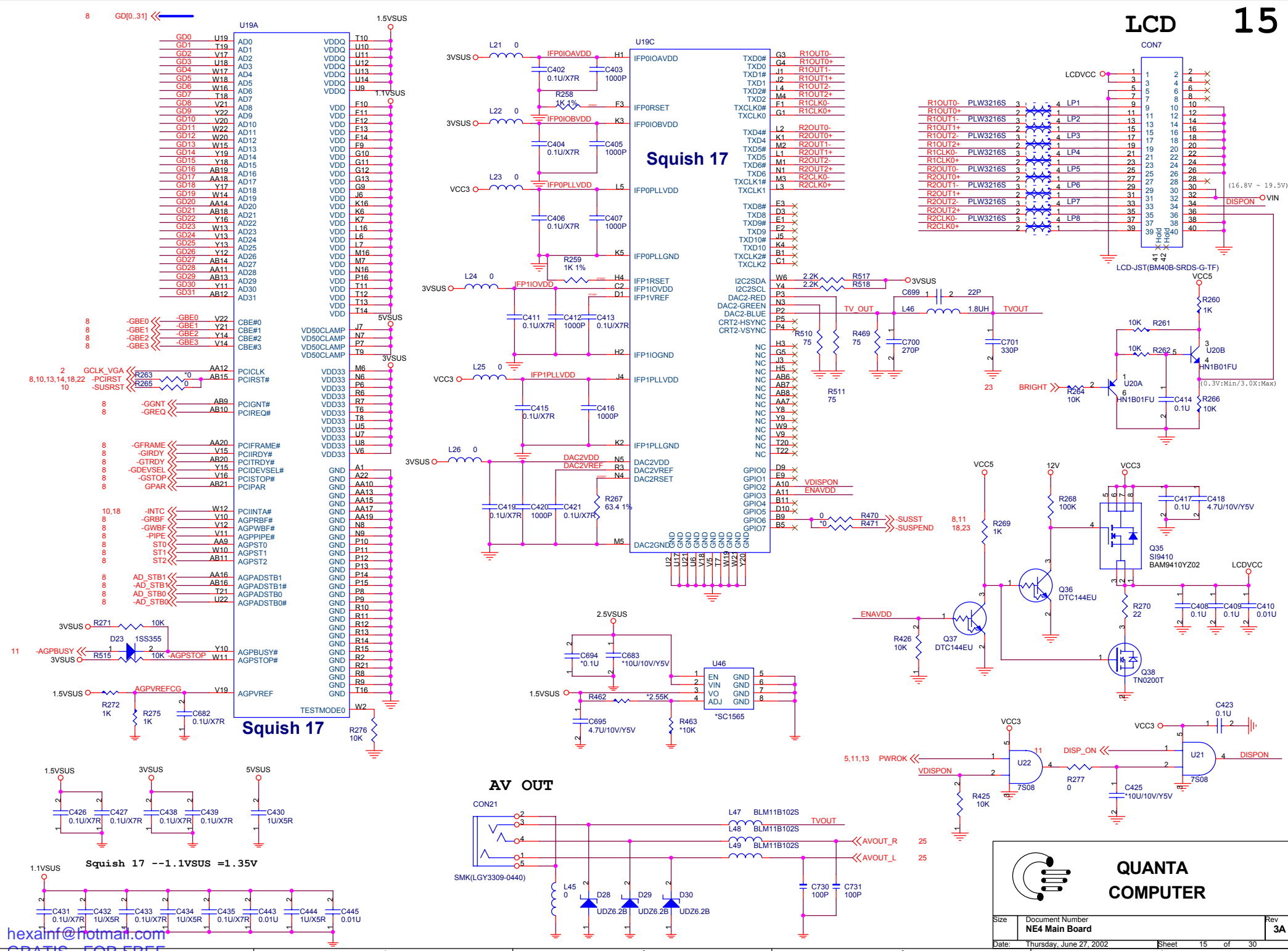



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LCD 15



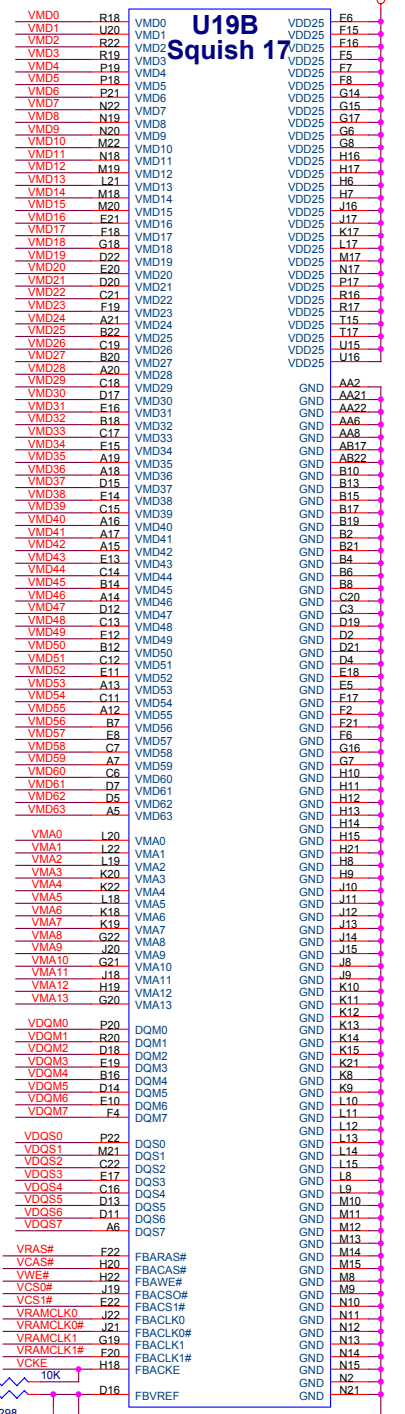


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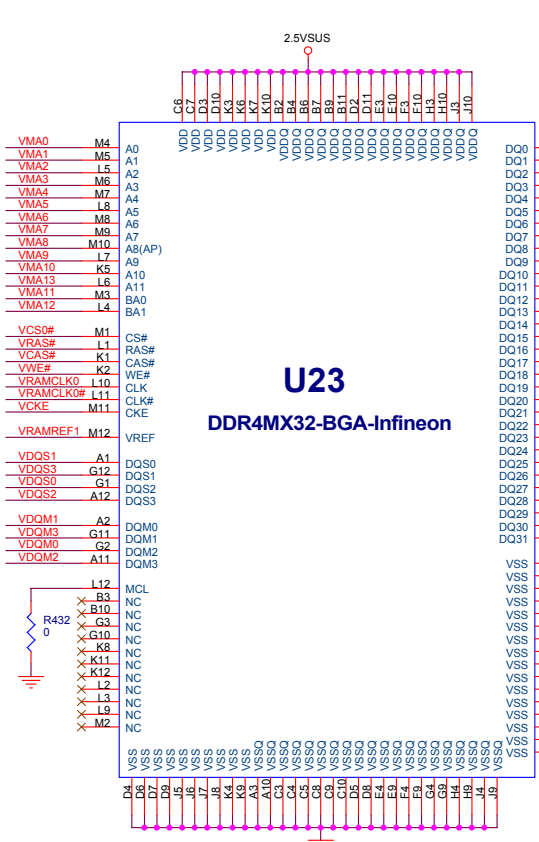
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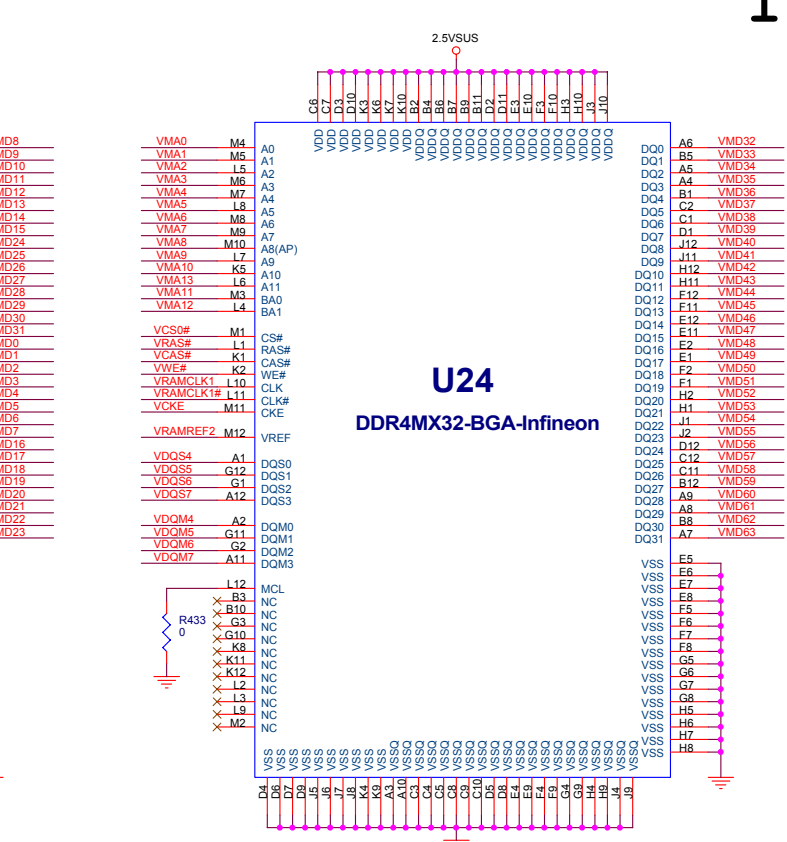
U19B Squish 17



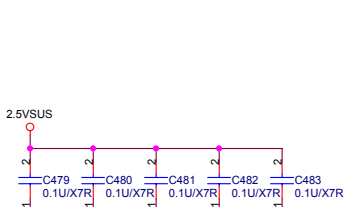
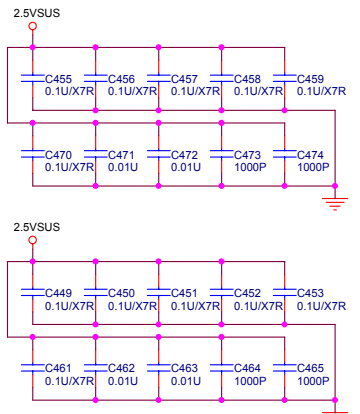
U23 DDR4MX32-BGA-Infineon



U24 DDR4MX32-BGA-Infineon

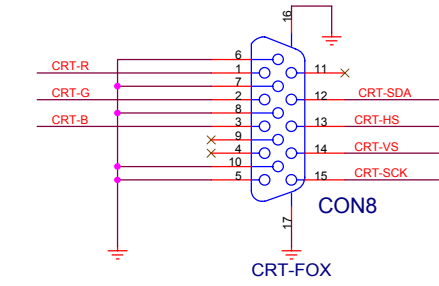
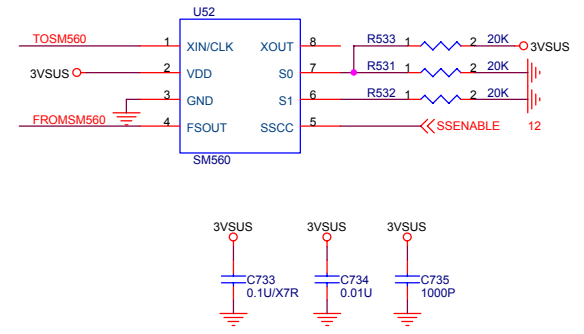
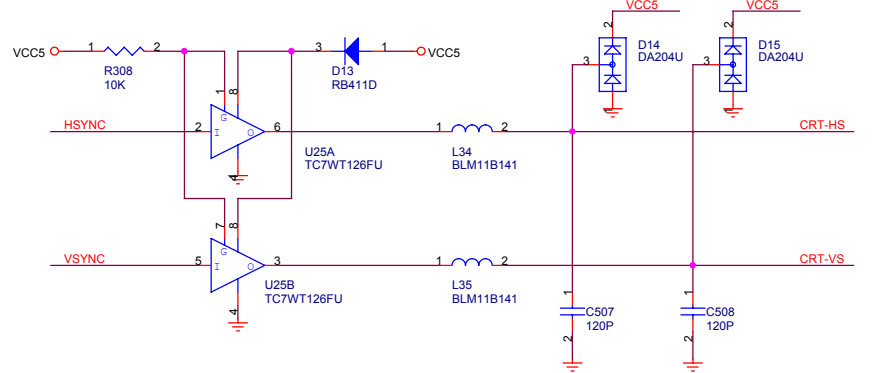
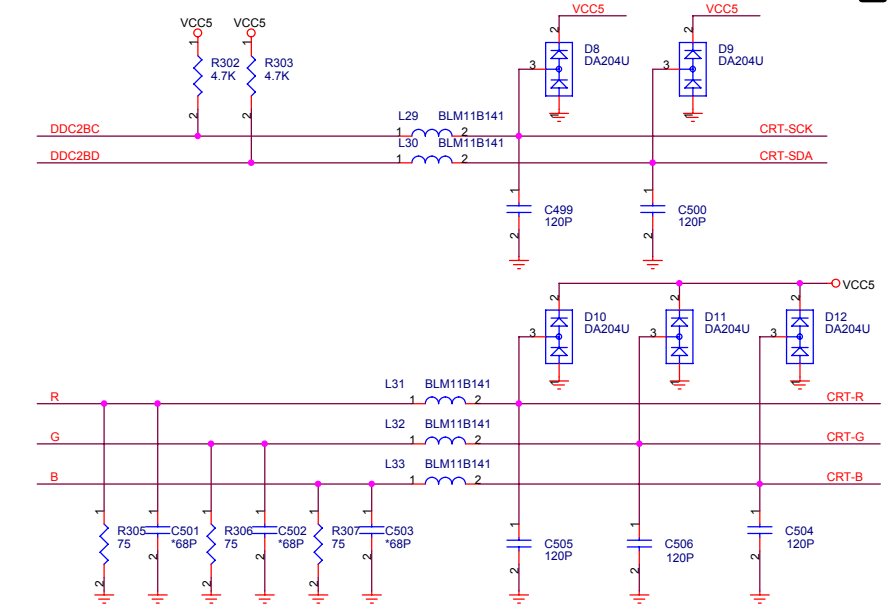
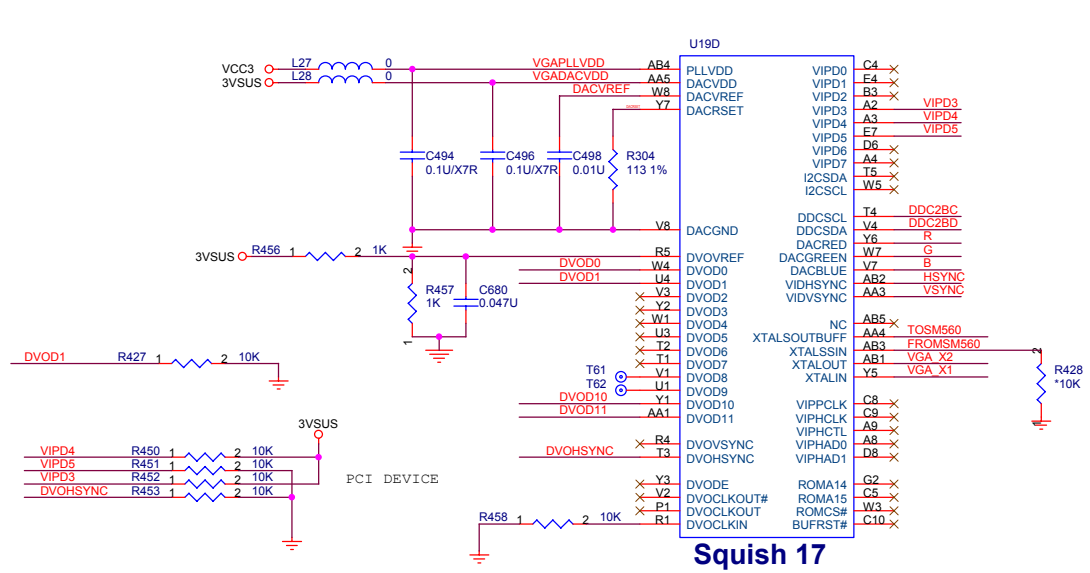


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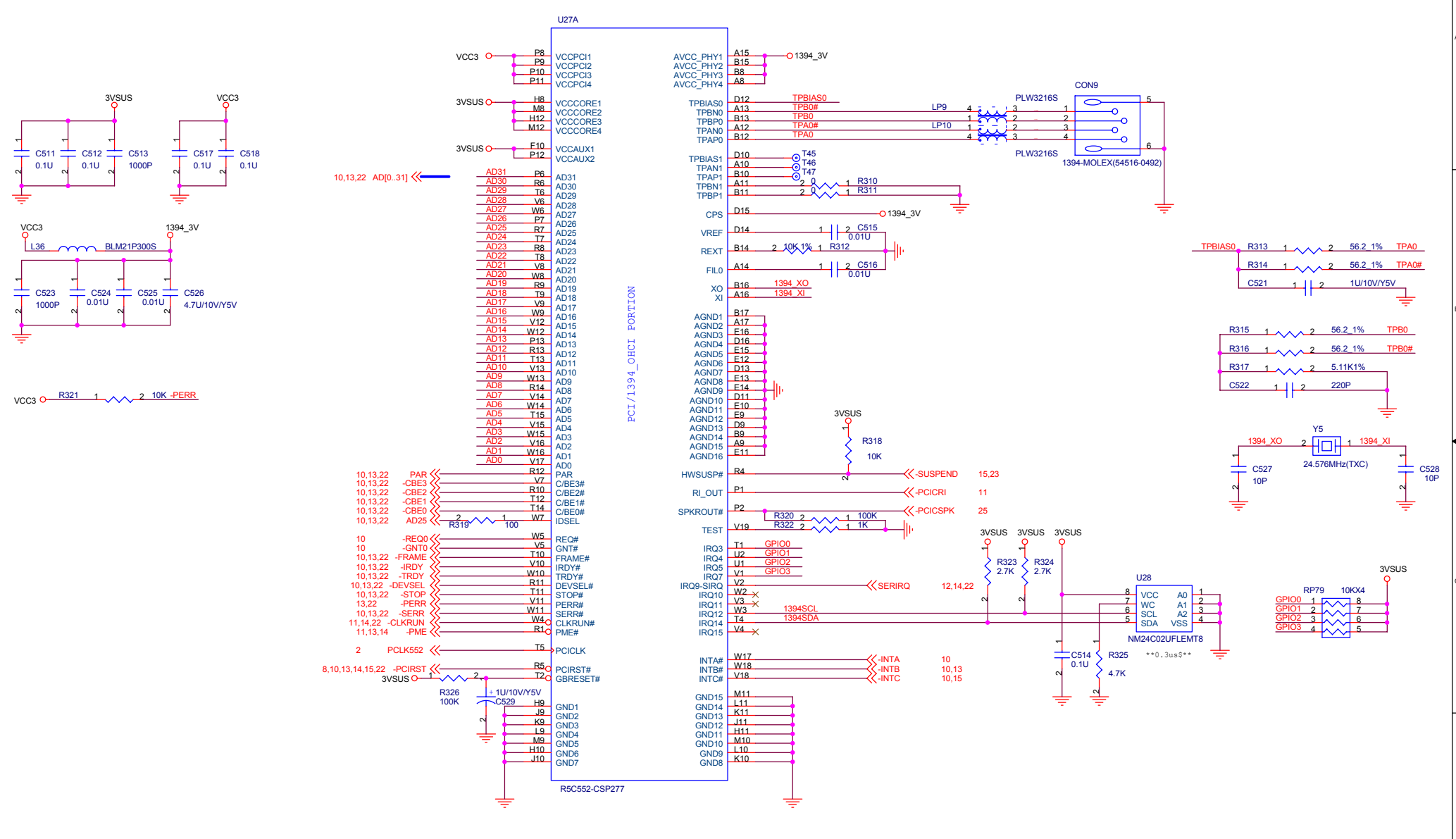
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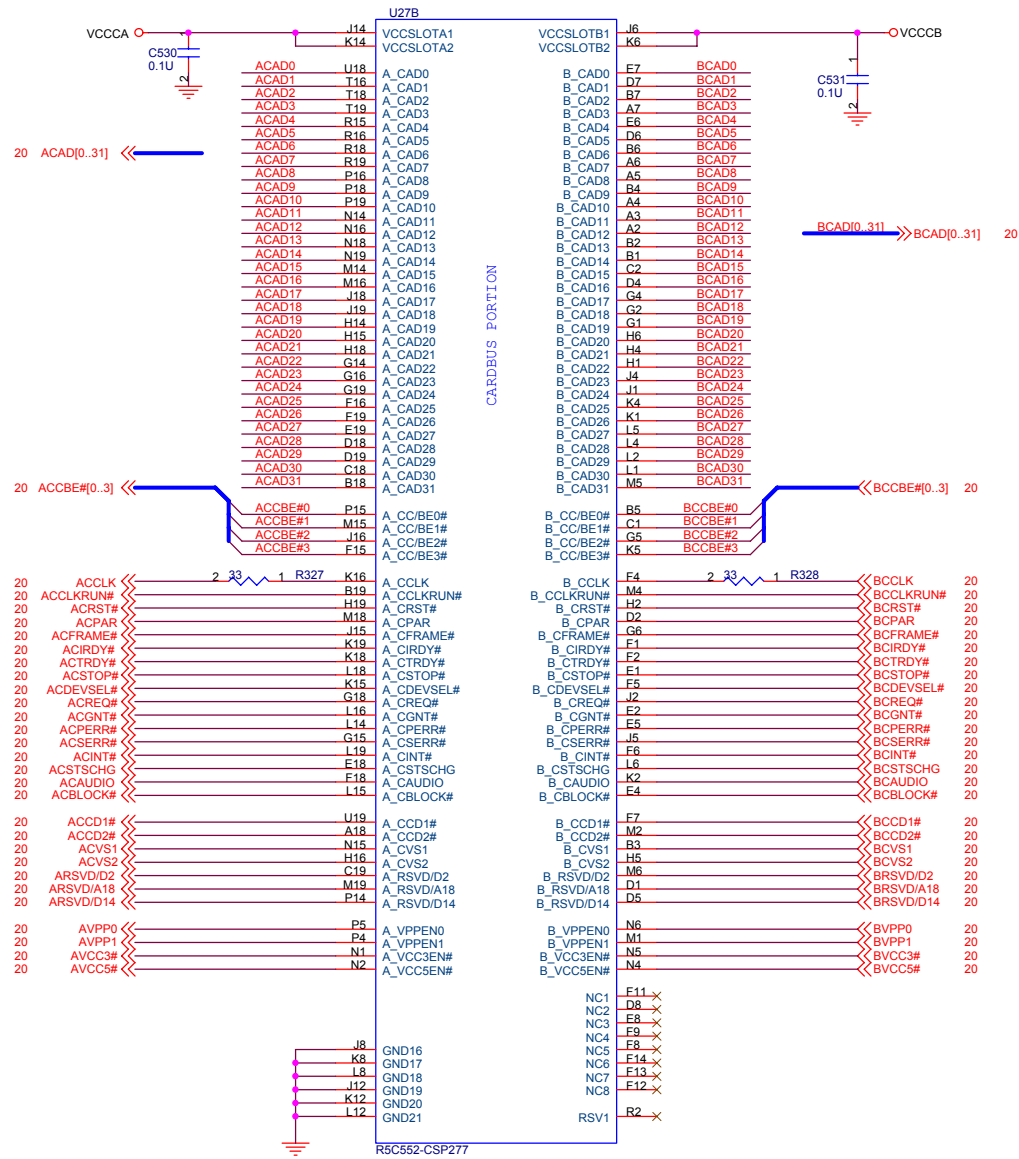
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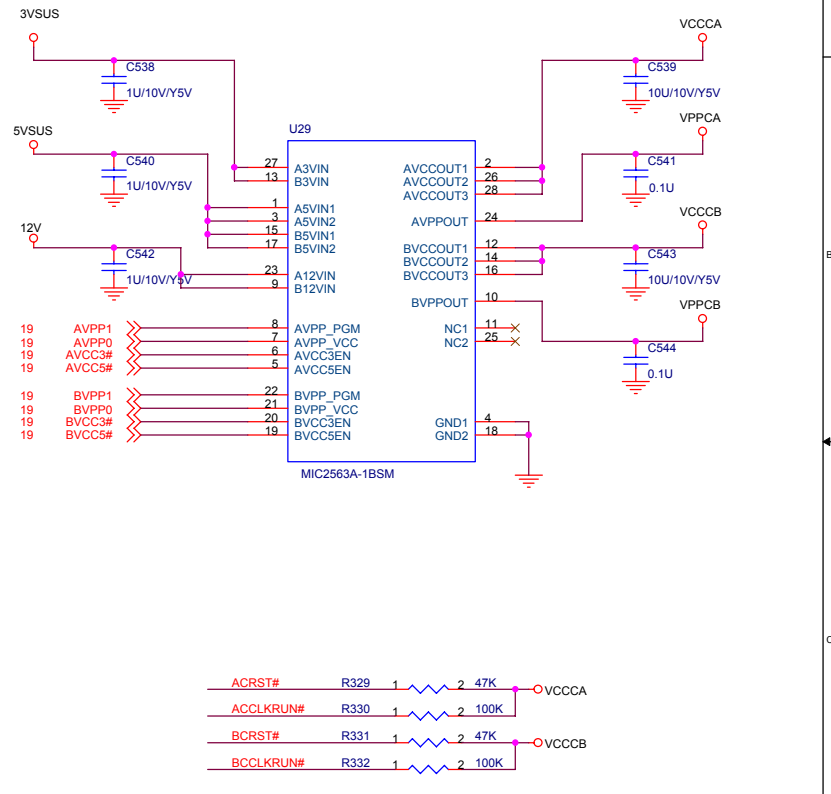
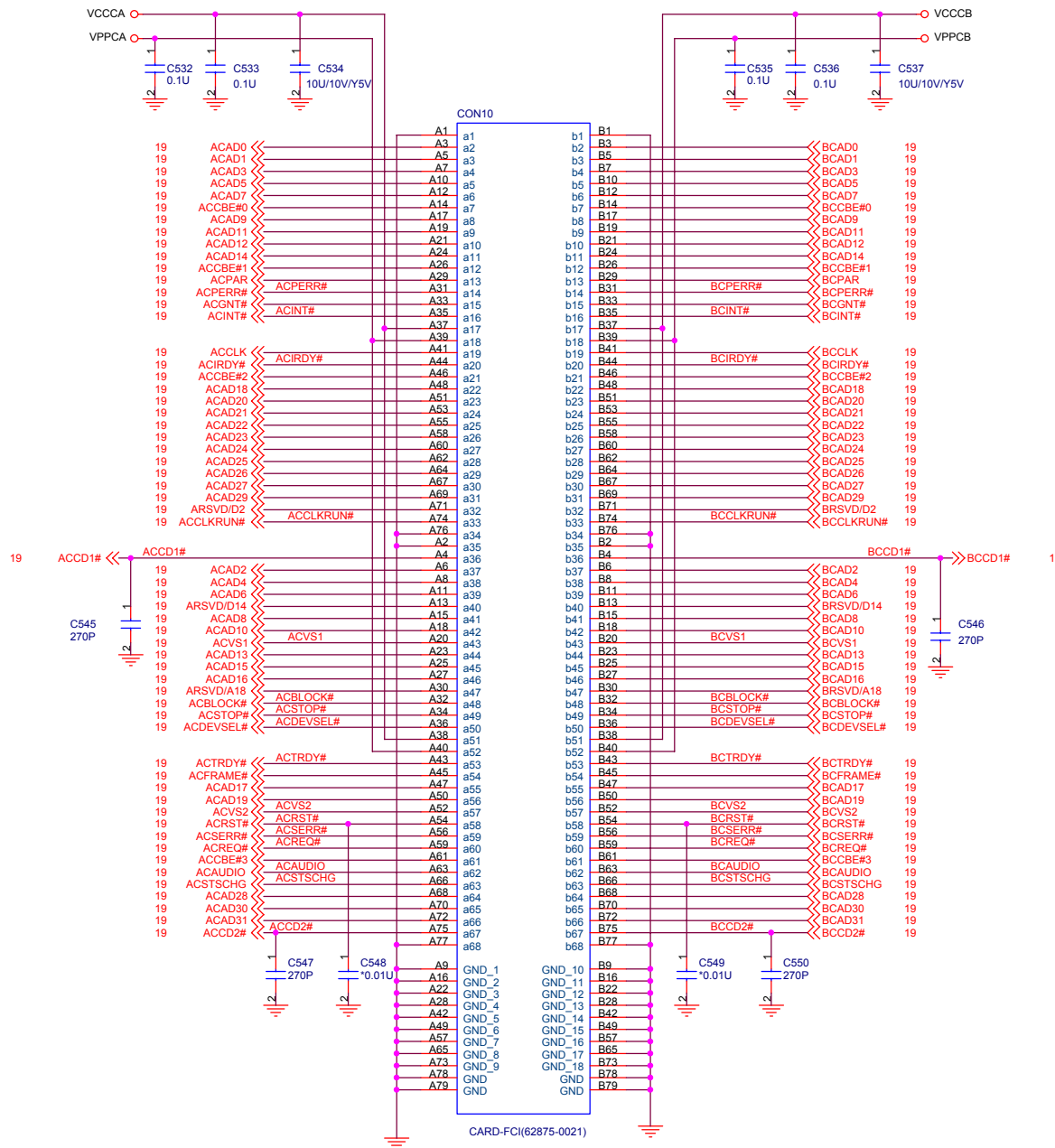
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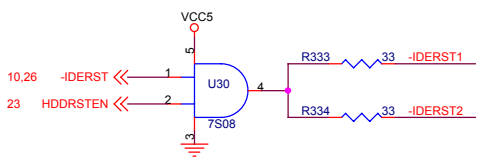
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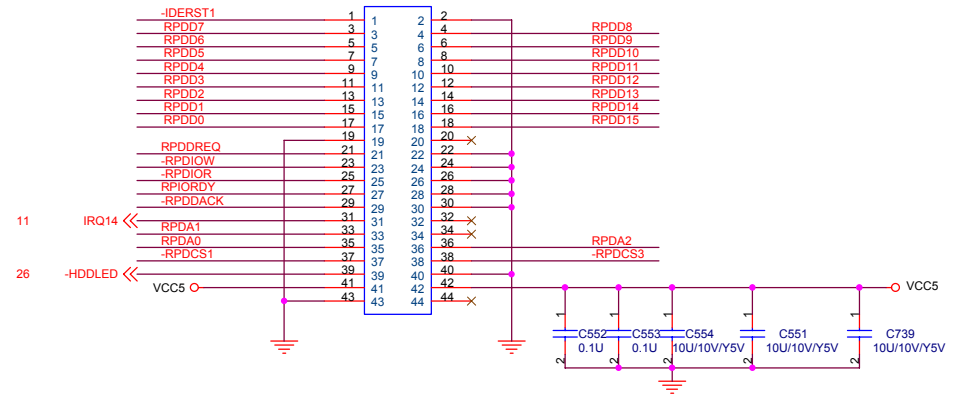
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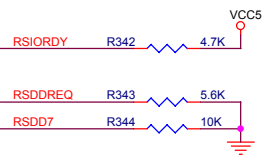
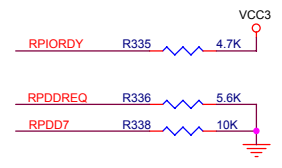
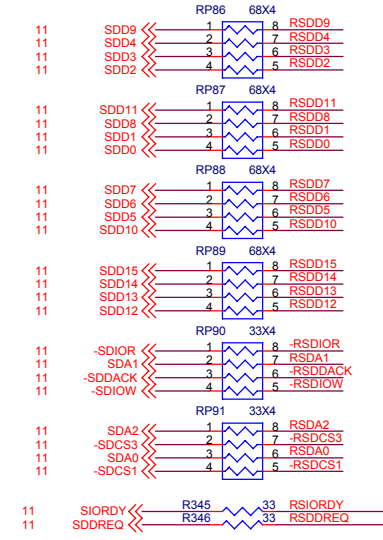
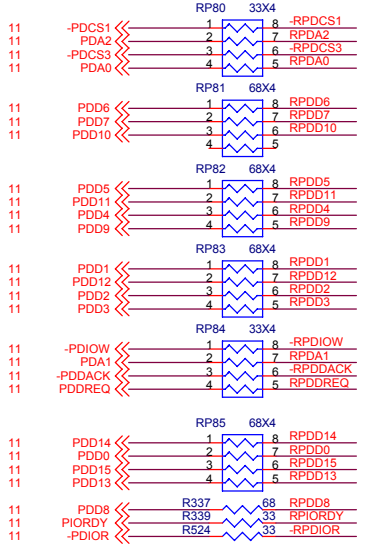
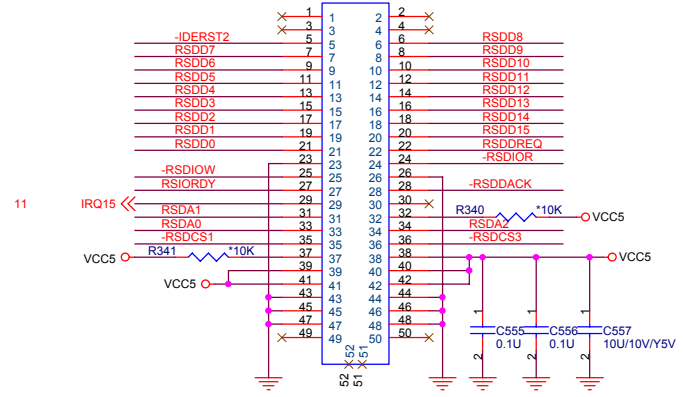
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CON11 JAE(SP01-13465A-01)



CD-ROM CONNECTOR

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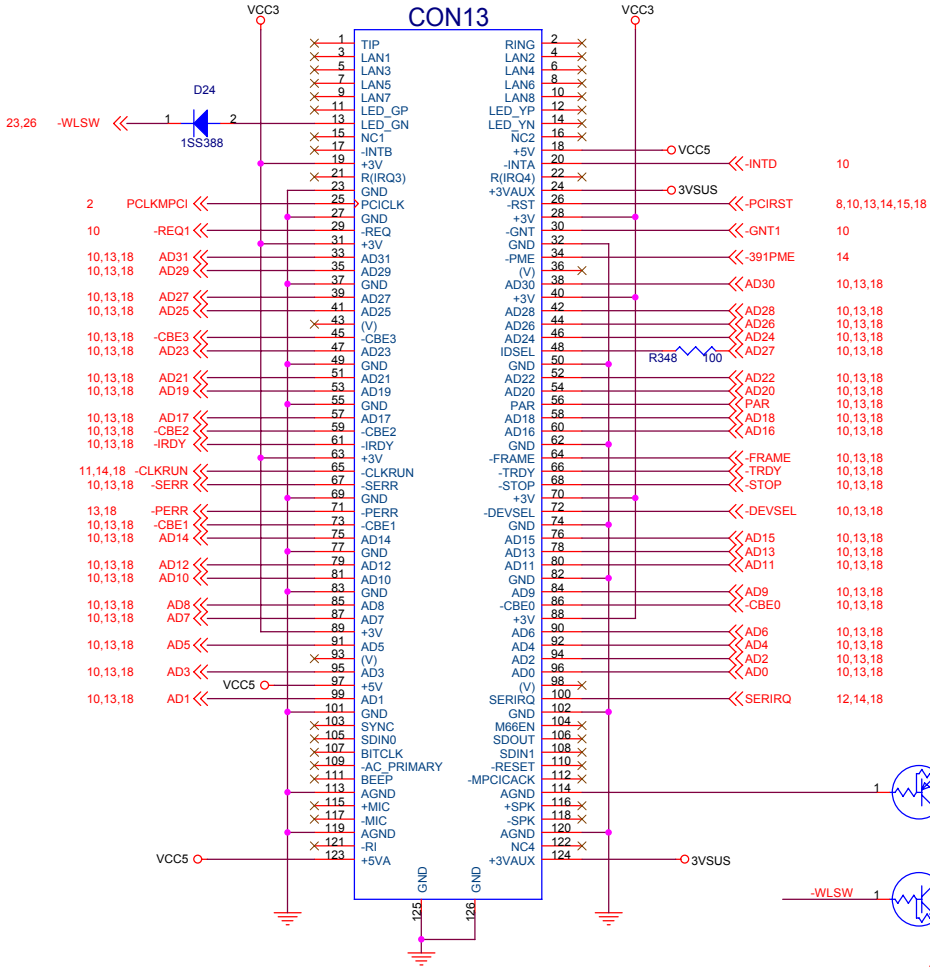


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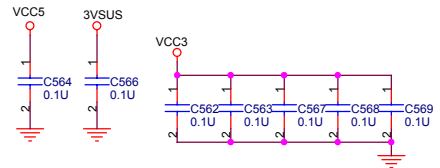
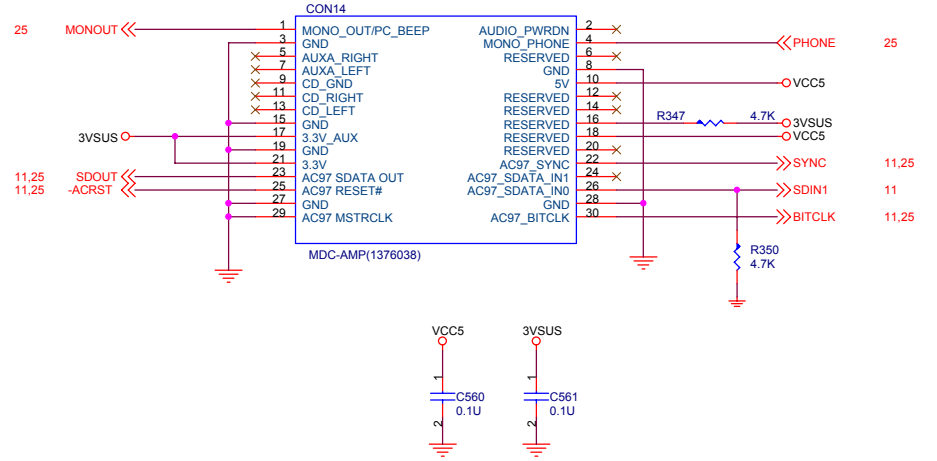
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CON13

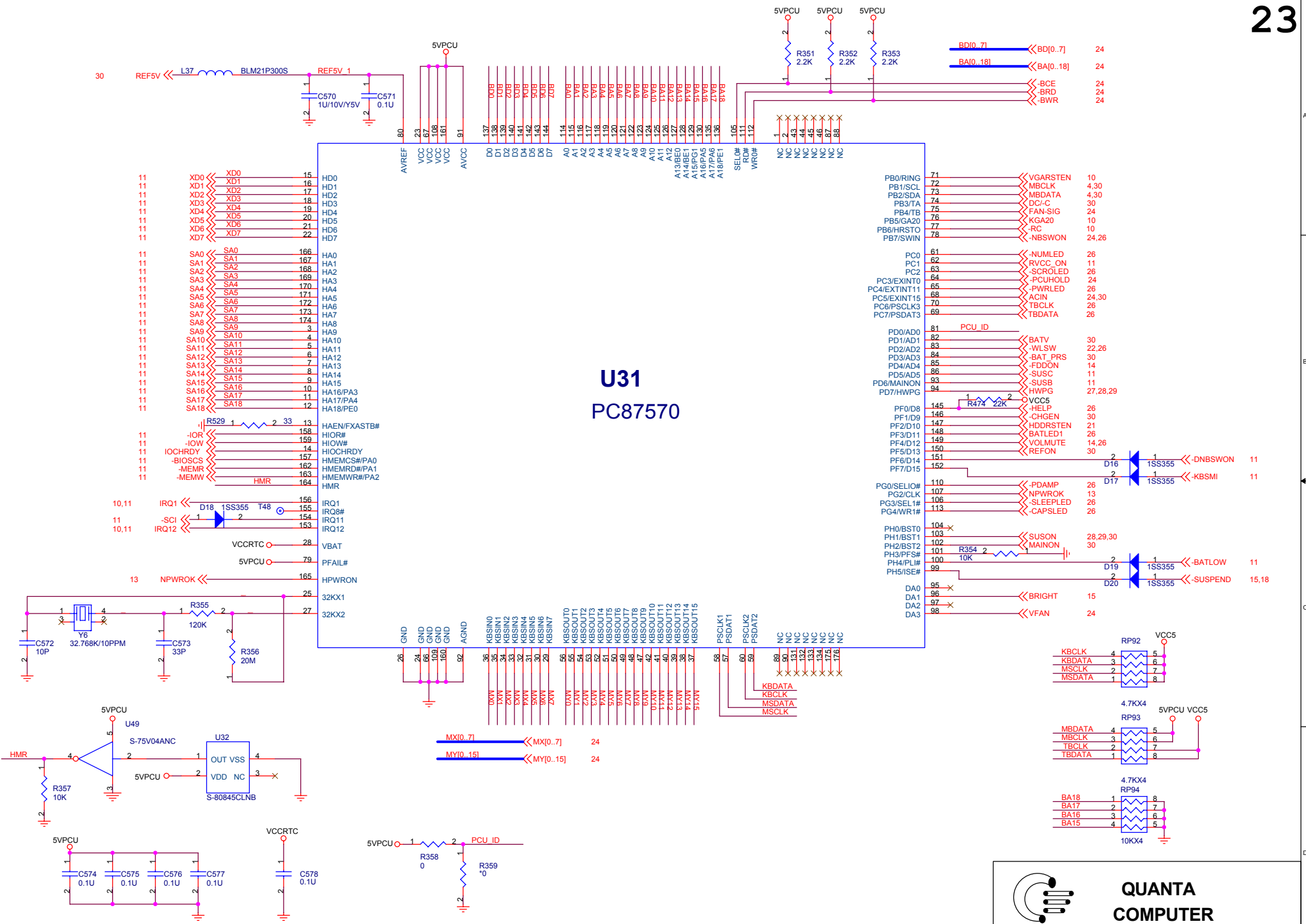


MDC



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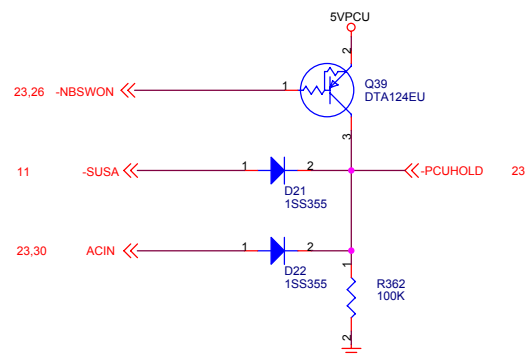
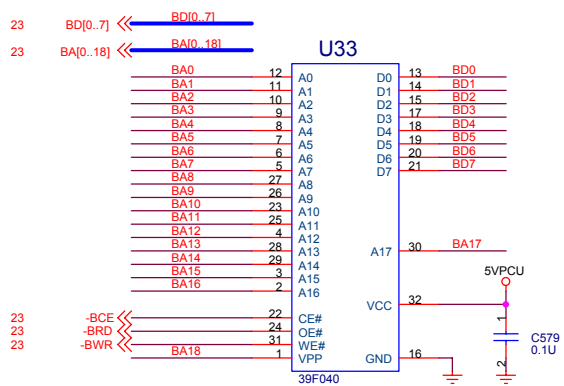
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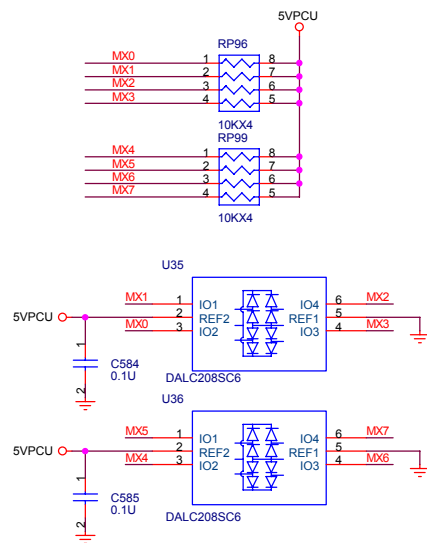
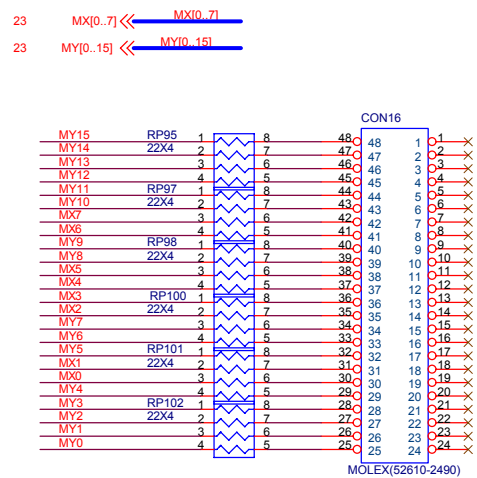
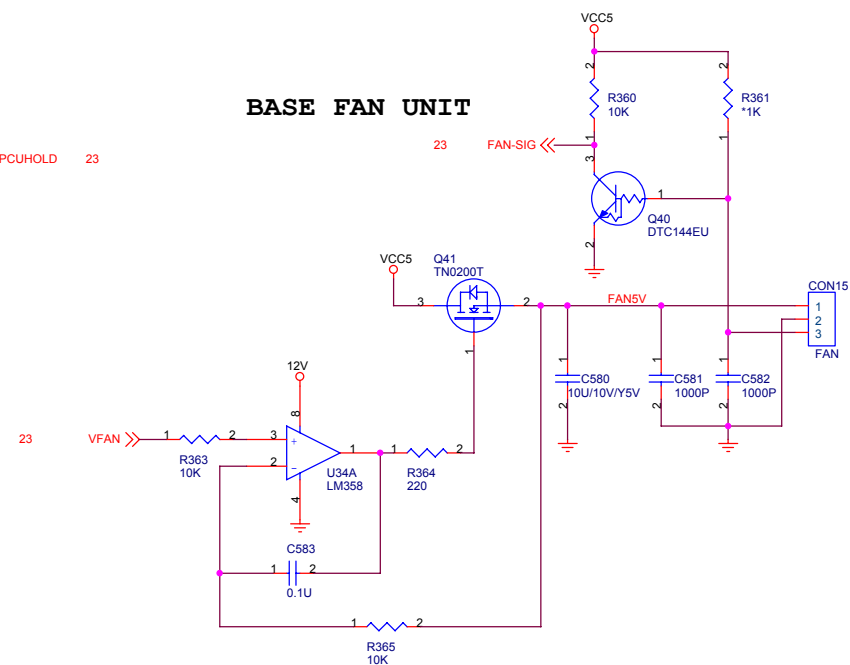
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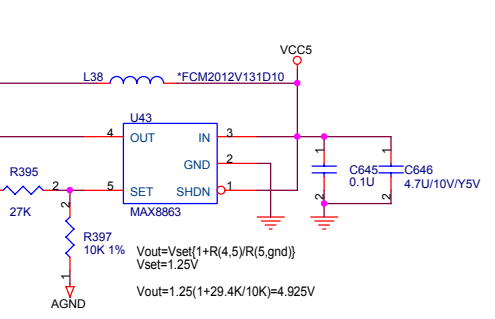
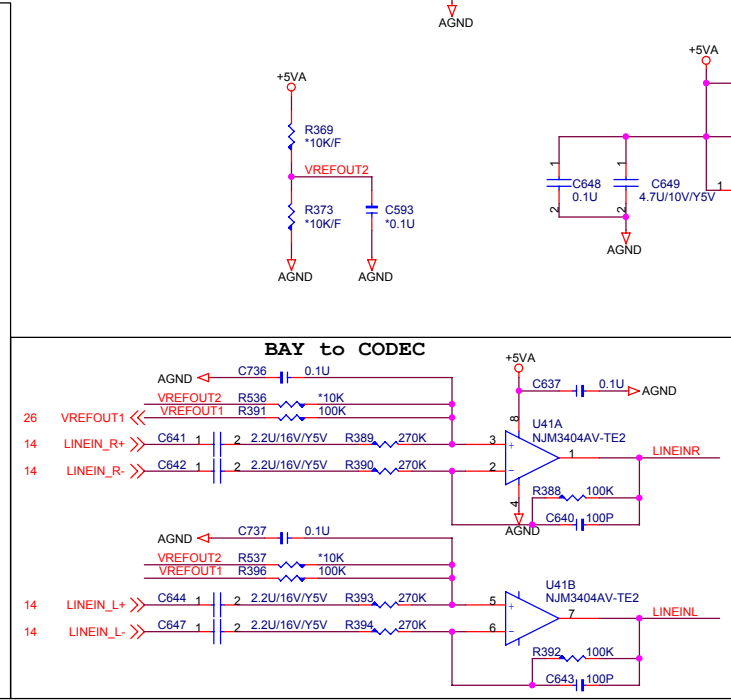
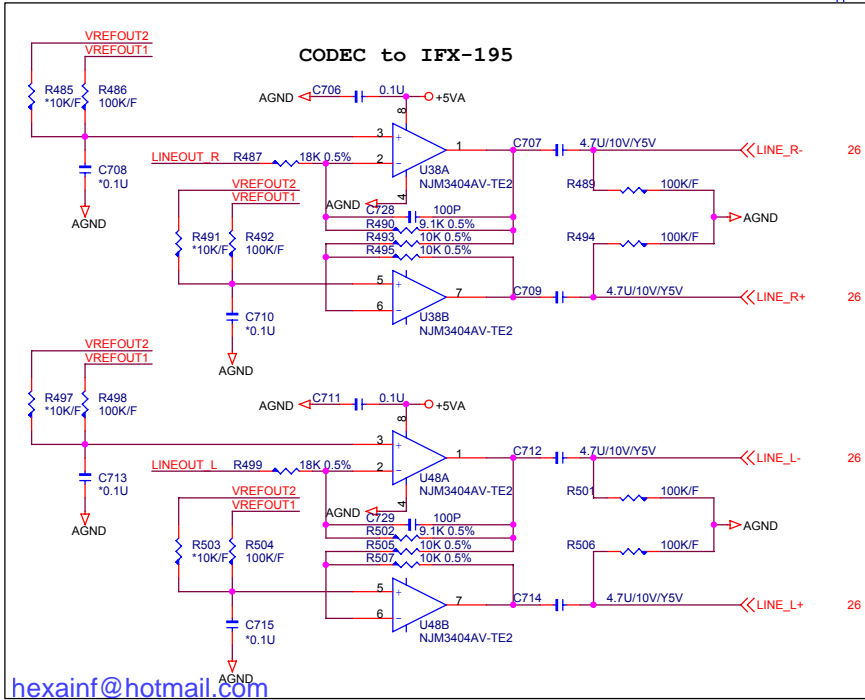
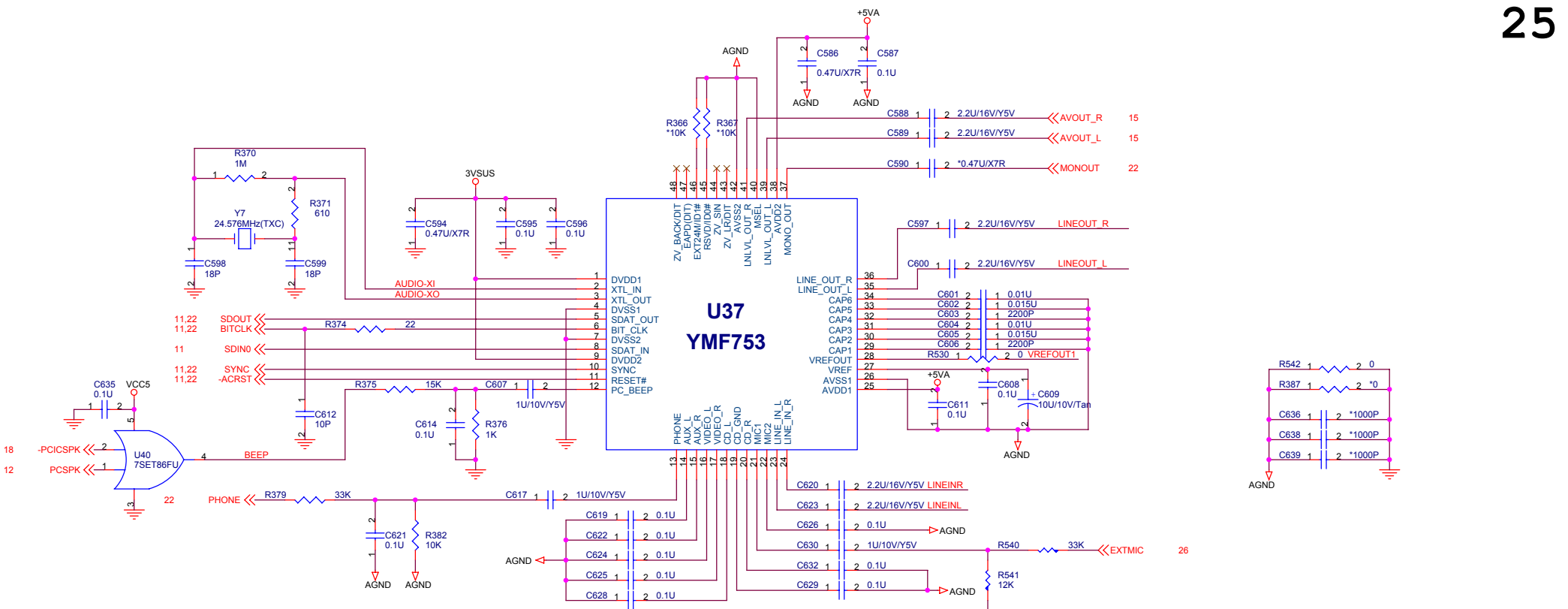
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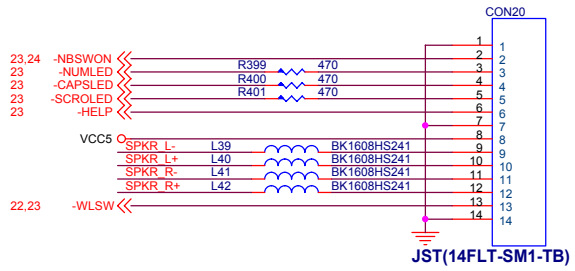
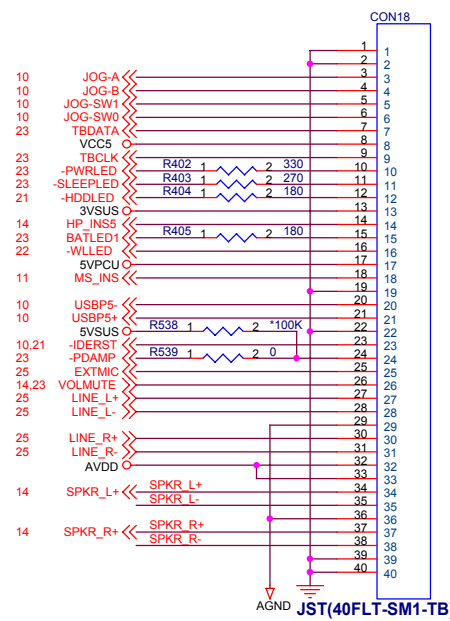


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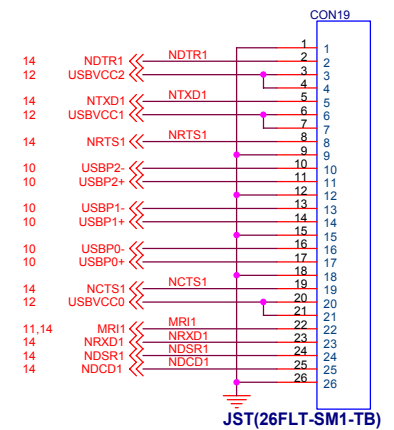


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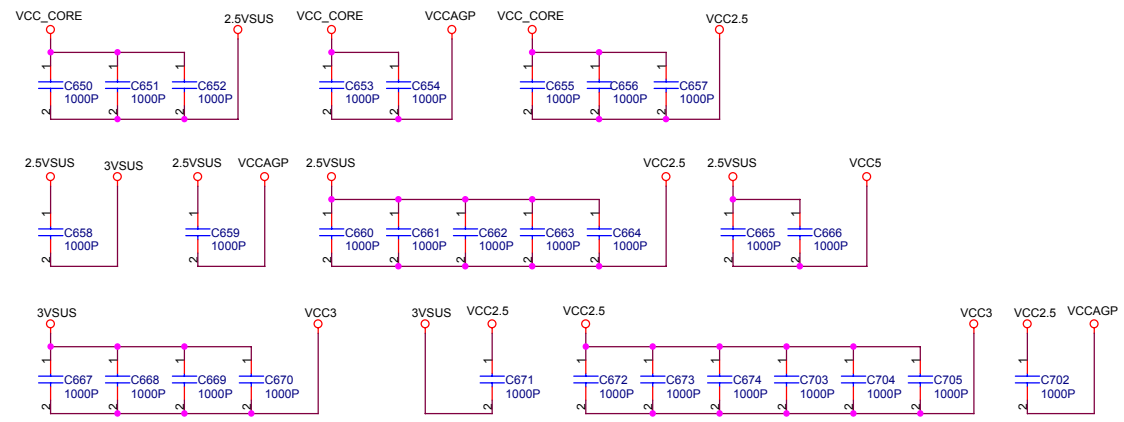
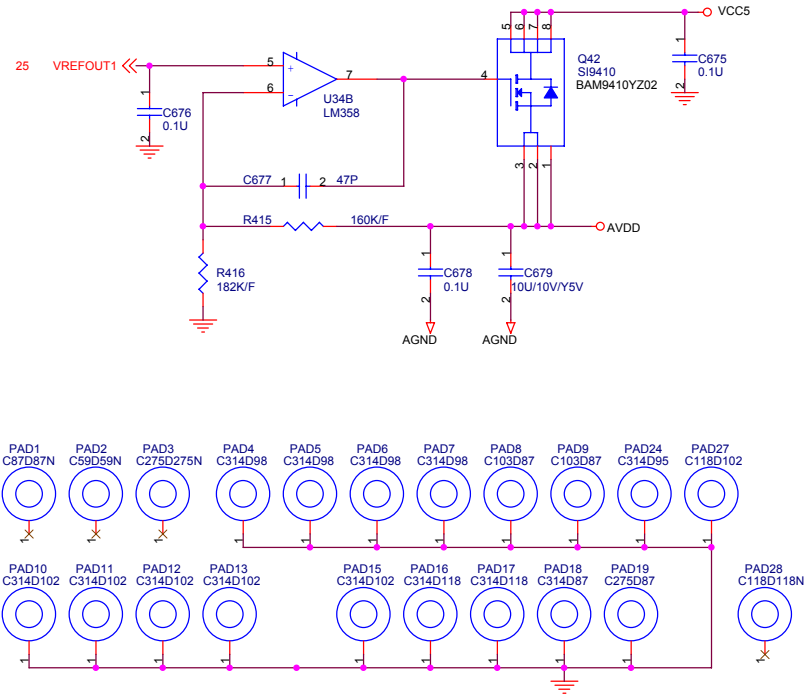


POWER SWITCH BOARD CONNECTOR TO SWX-97



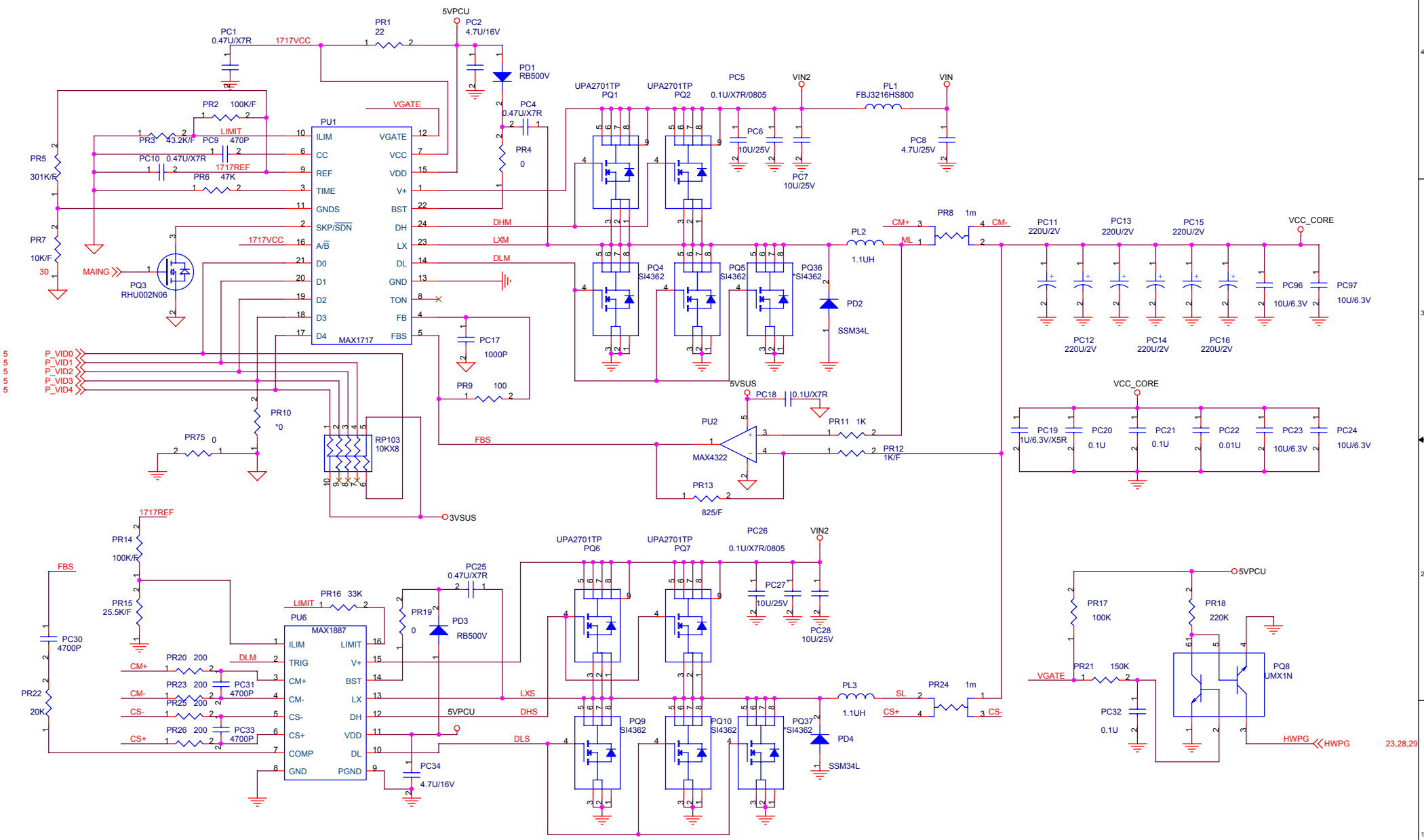
I/O SUB BOARD CONNECTOR TO CNX-165


TO IFX195 CONNECTOR



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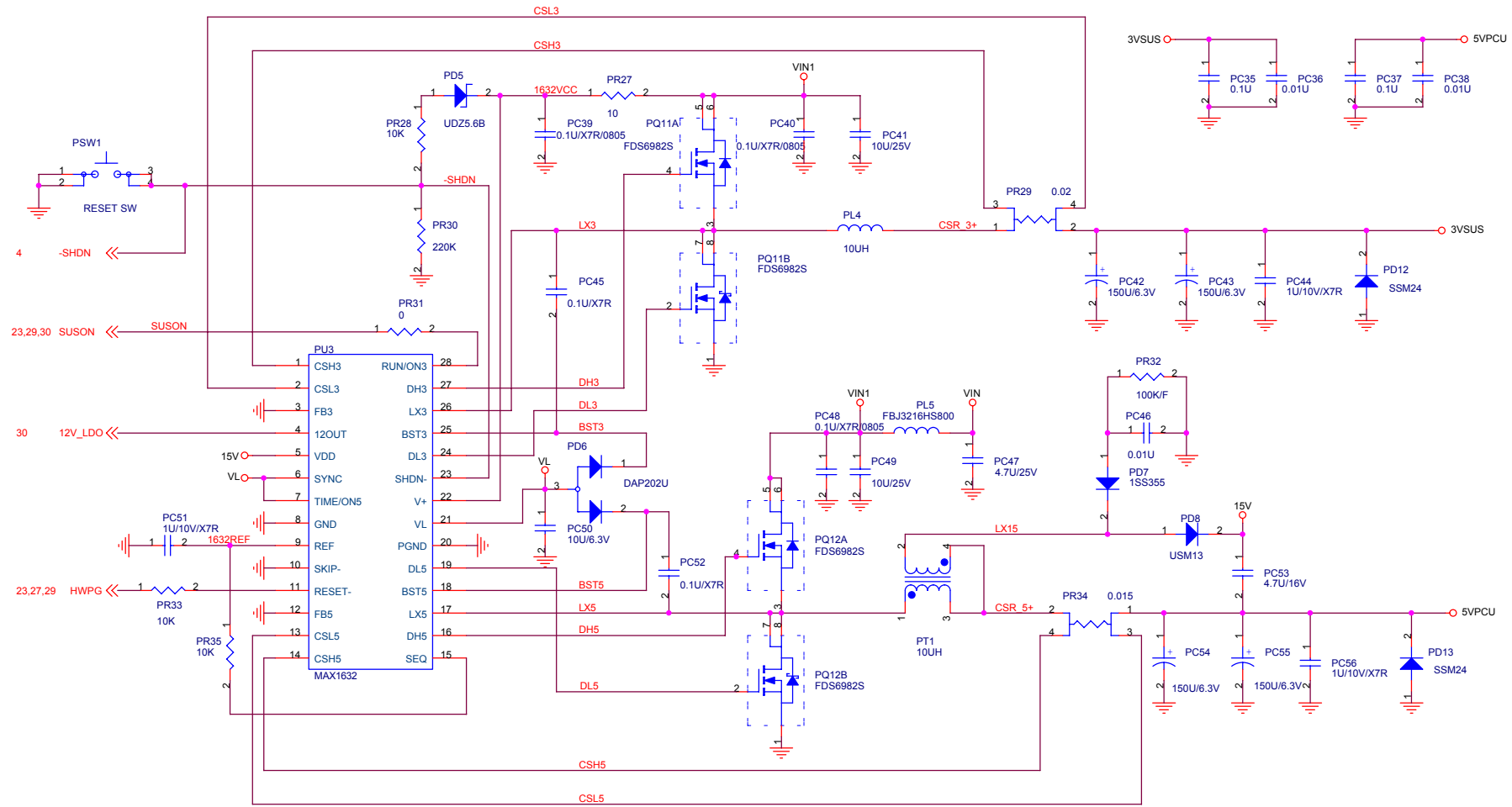





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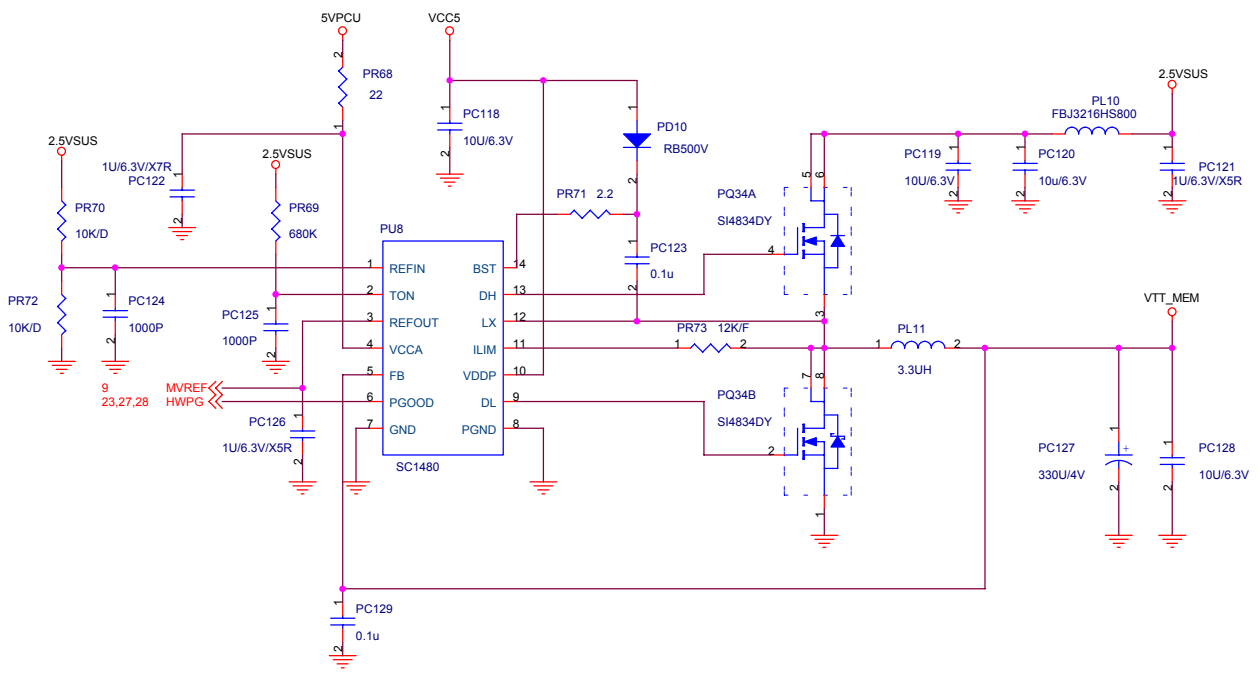
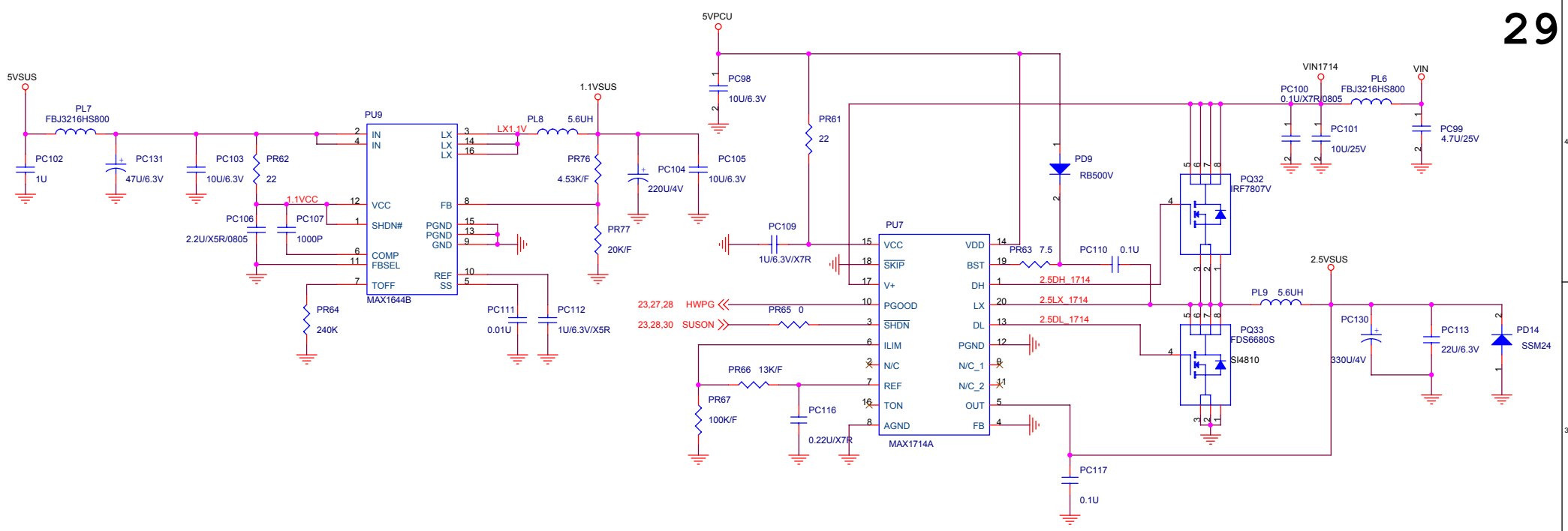
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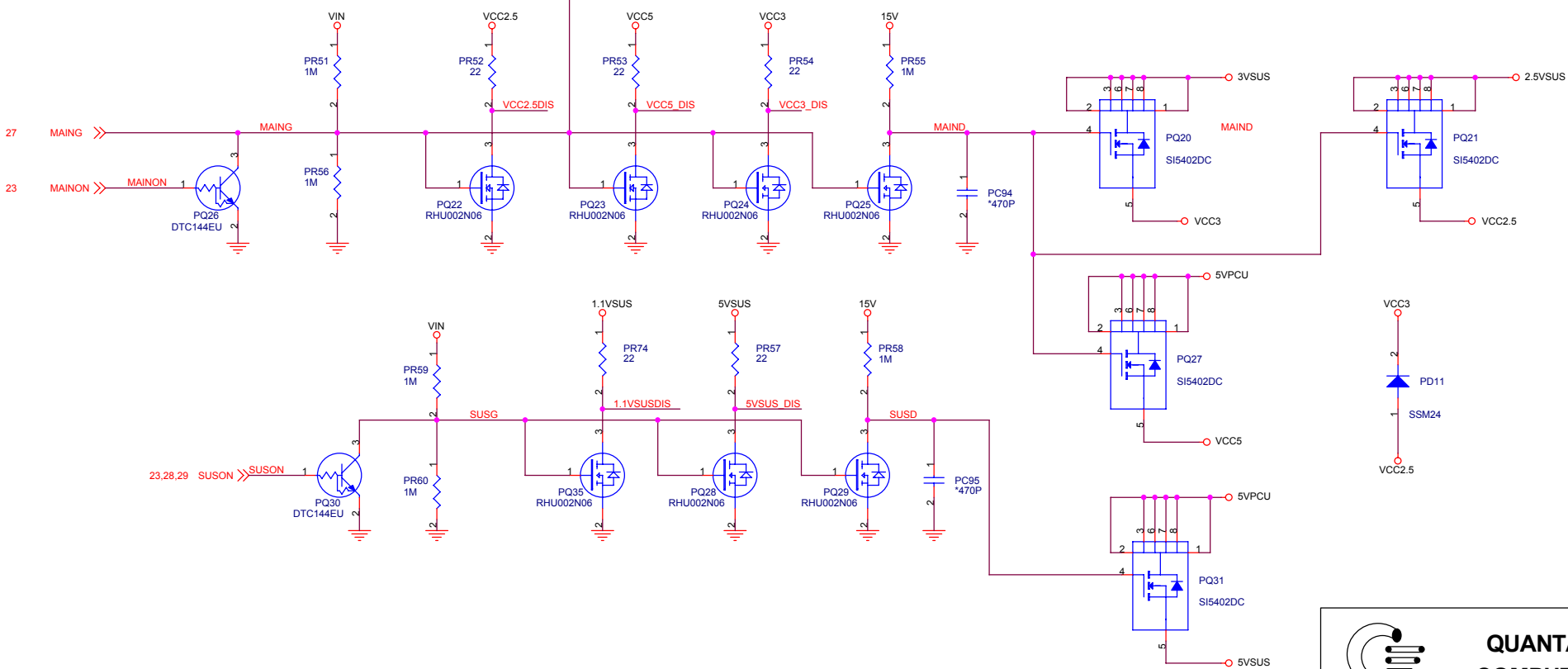
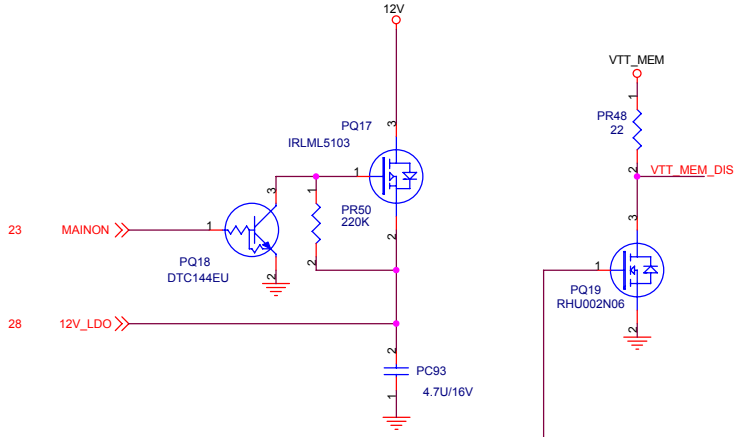
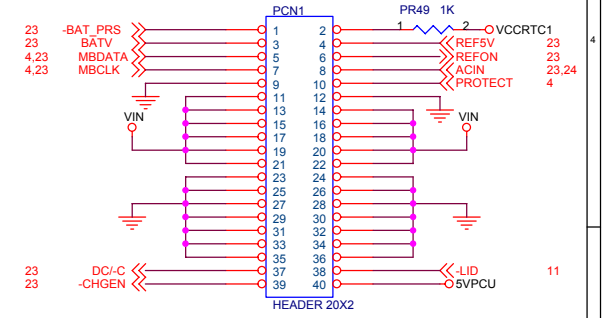
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CHARGER BOARD CONNECTOR





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