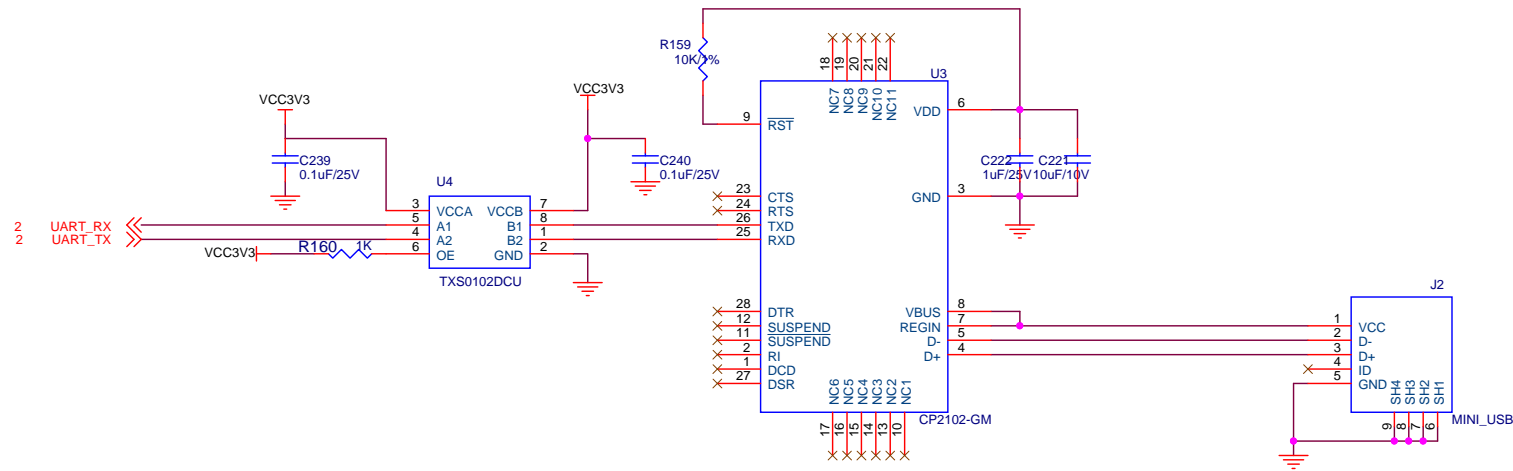
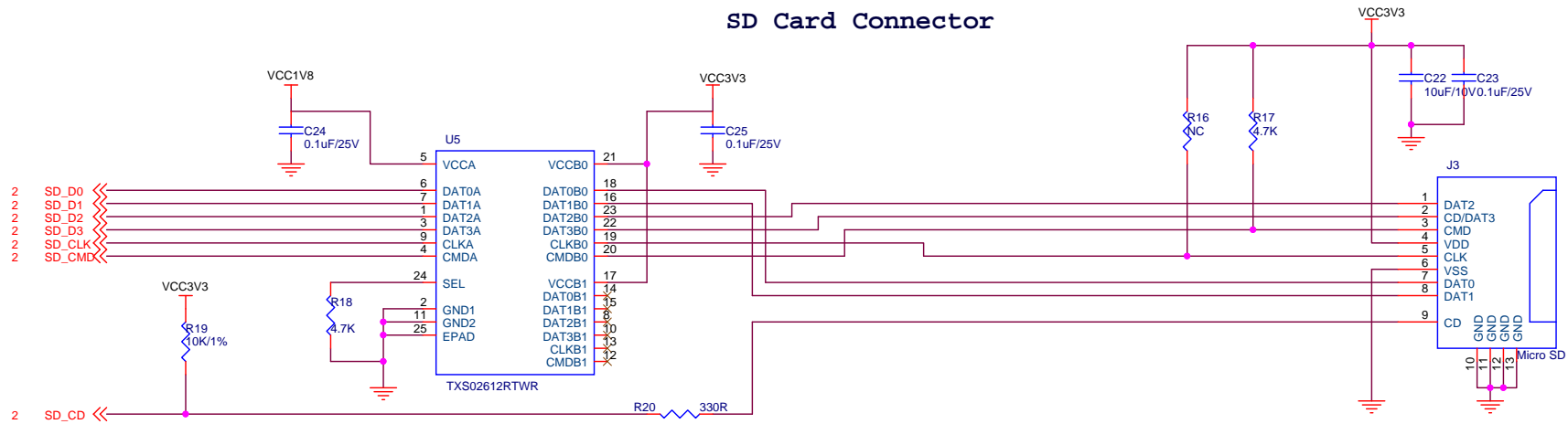
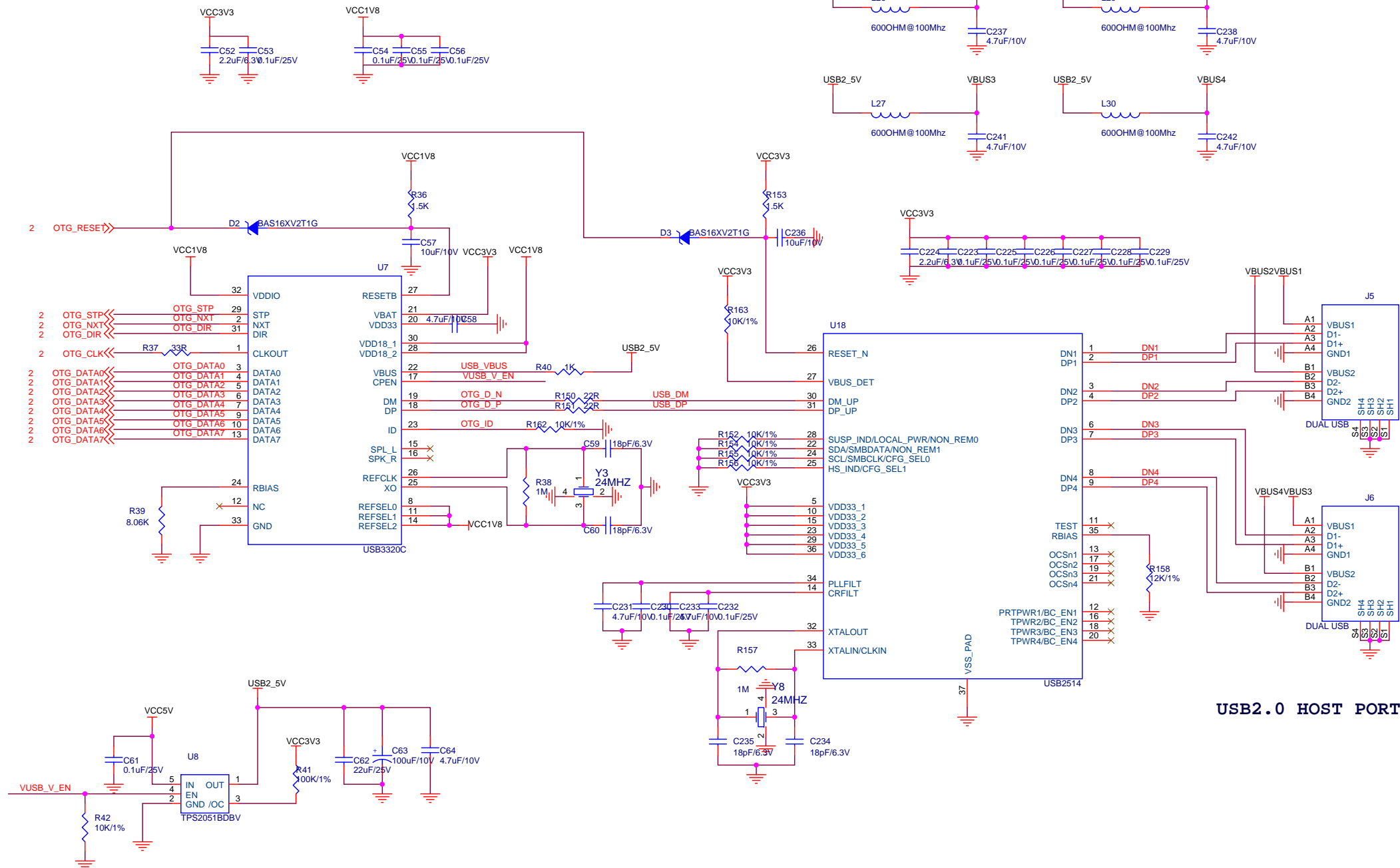


USB Uart

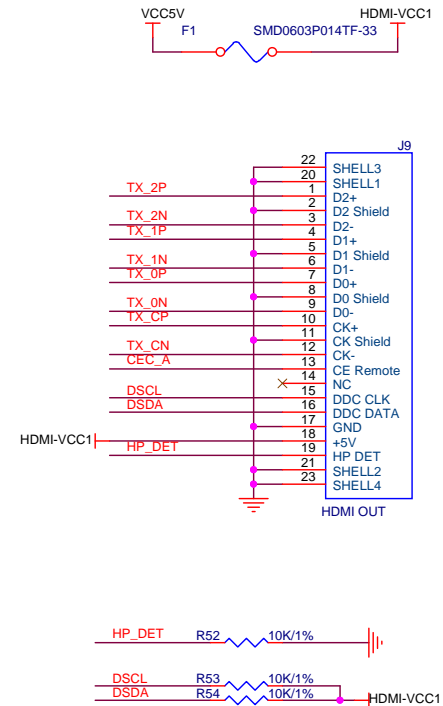
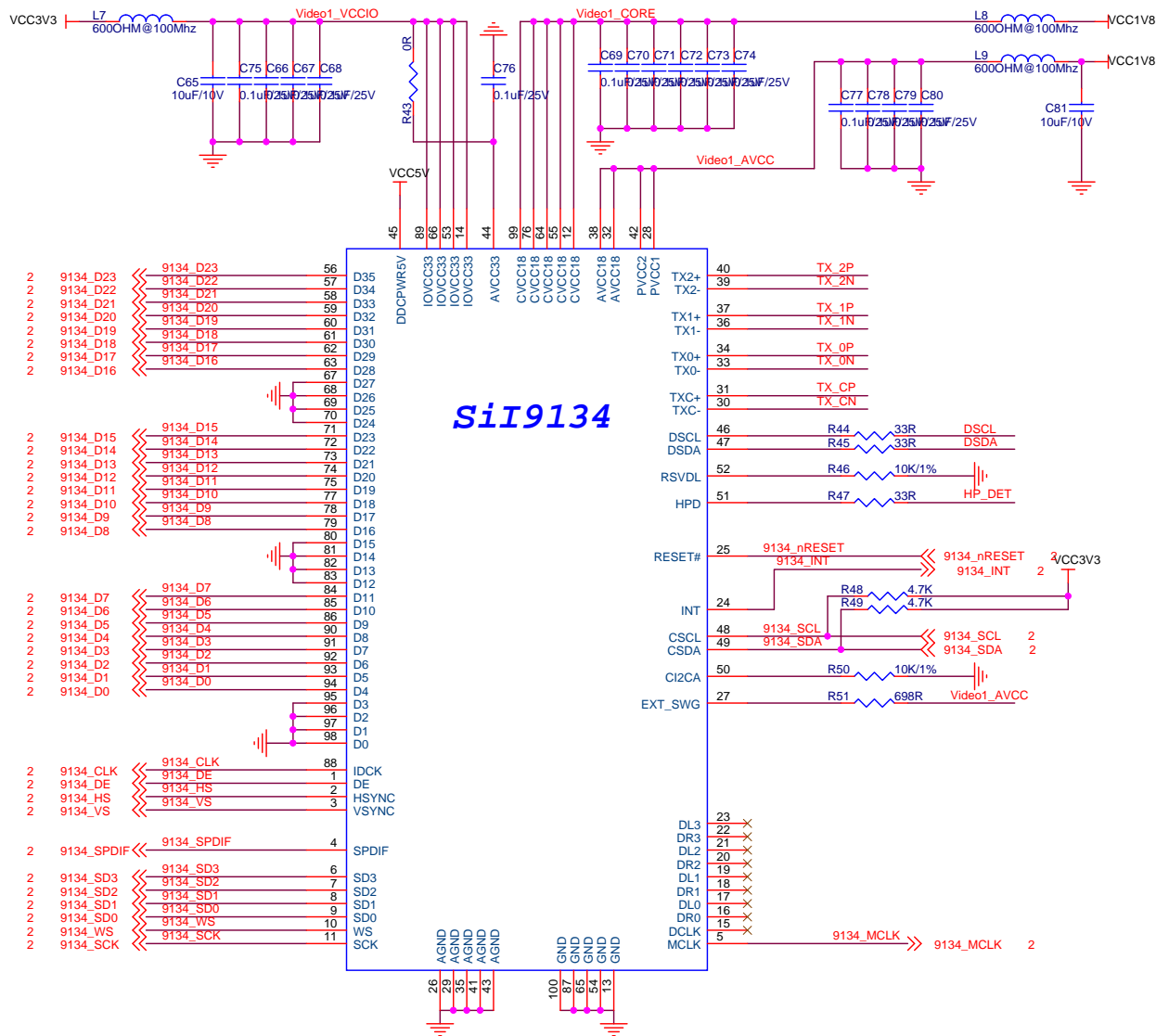


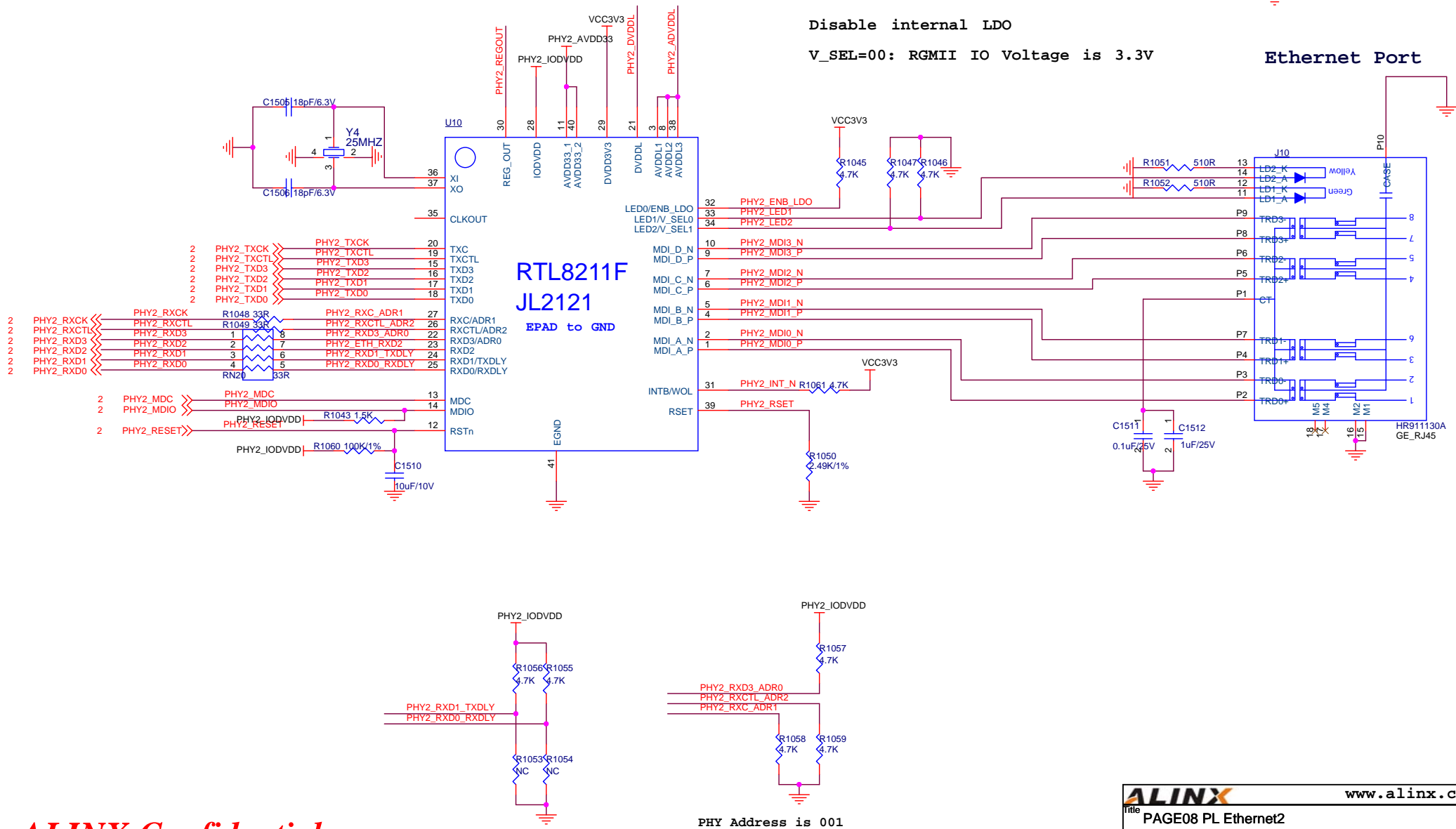
SD Card Connector

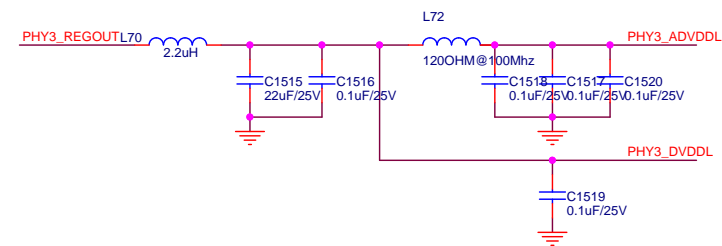




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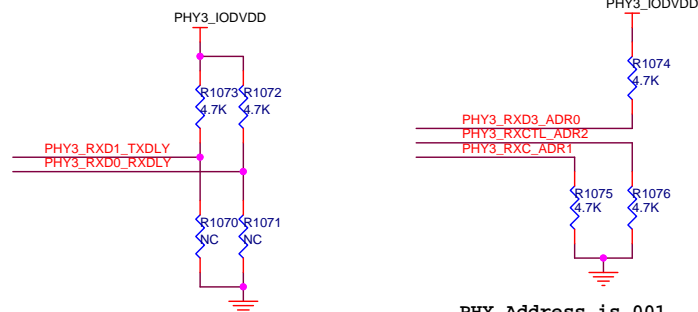




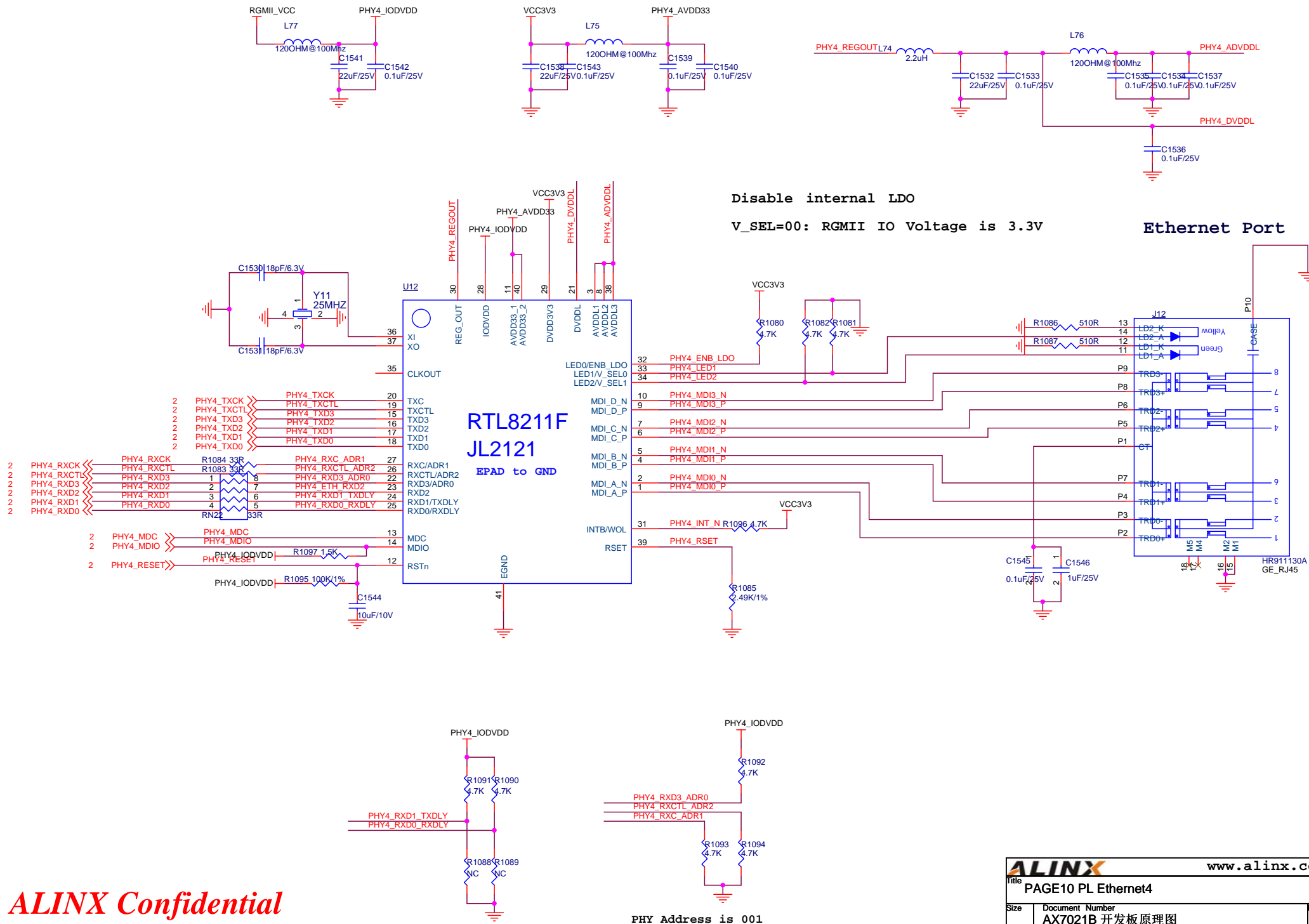


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V_SEL=00: RGMII IO Voltage is 3.3V
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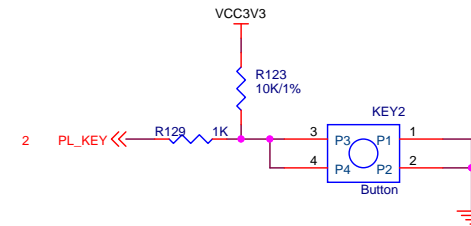
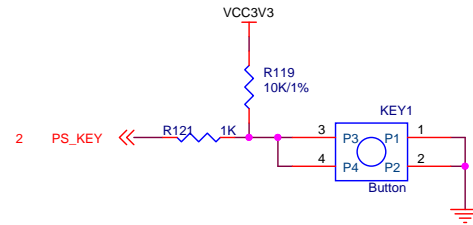
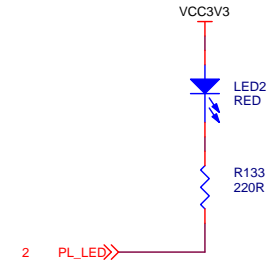
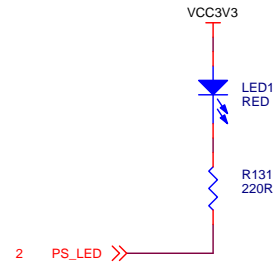
Ethernet Port



PHY Address is 001



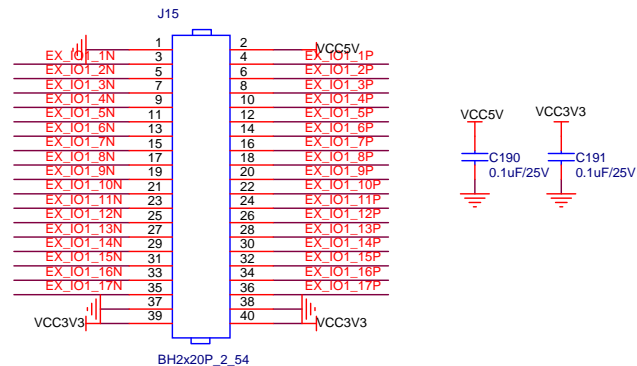




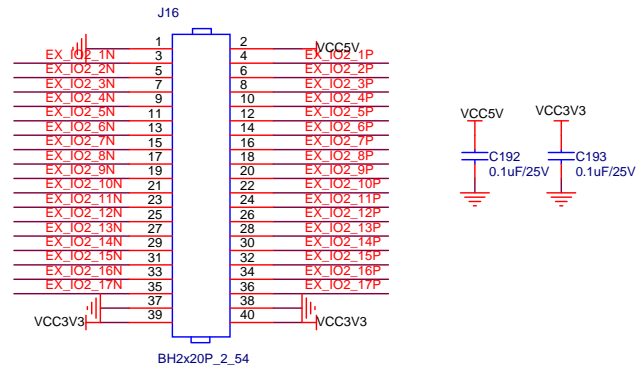
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|---|--|--|-------------------|
|  | | www.alinx.com | |
| Title PAGE12 KEY and LED | | | |
| Size | Document Number AX7021B 开发板原理图 | | Rev 1.0 |
| Date: | Thursday, November 17, 2022 | Sheet | 12 of 14 |

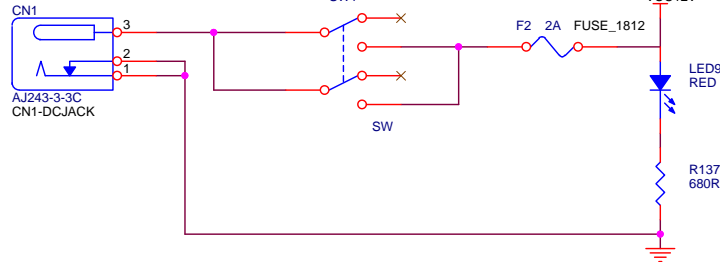
FPGA 40 PIN External IO



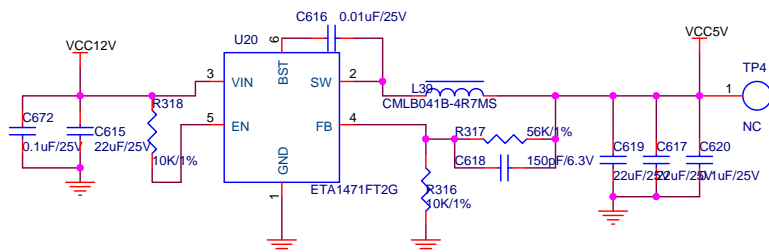
FPGA 40 PIN External IO



12V/2A AC Adapter

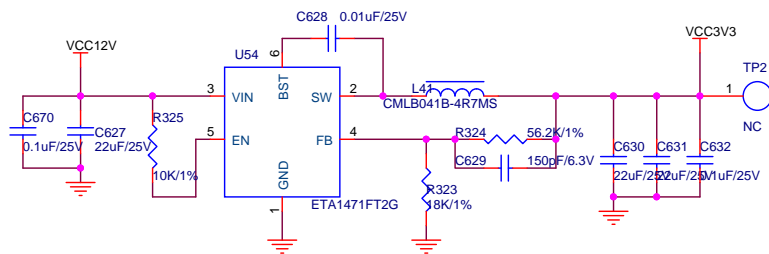


+5V POWER

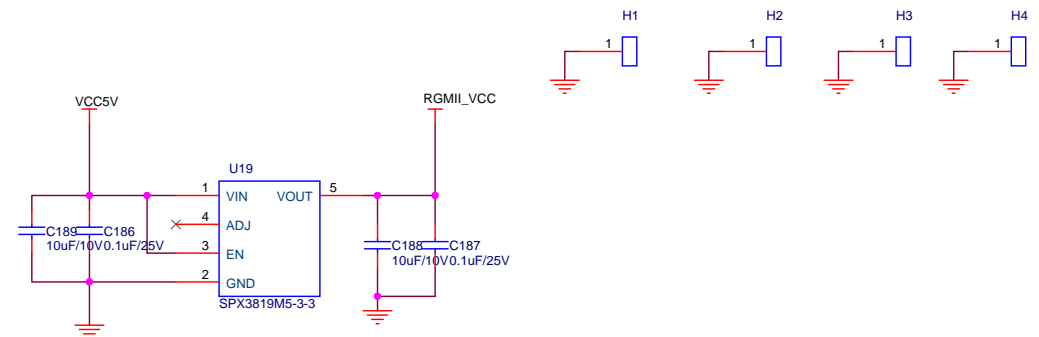


$$V_{out}=0.8 \times (1 + R1/R2)$$

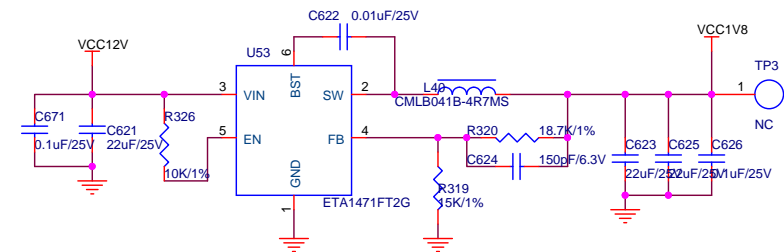
+3.3V POWER



$$V_{out}=0.8 \times (1 + R1/R2)$$



+1.8V POWER



$$V_{out}=0.8 \times (1 + R1/R2)$$

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