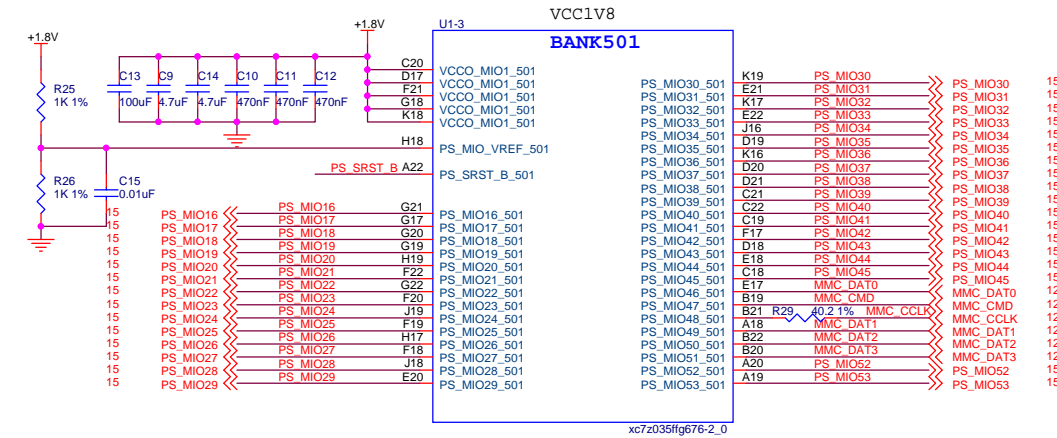


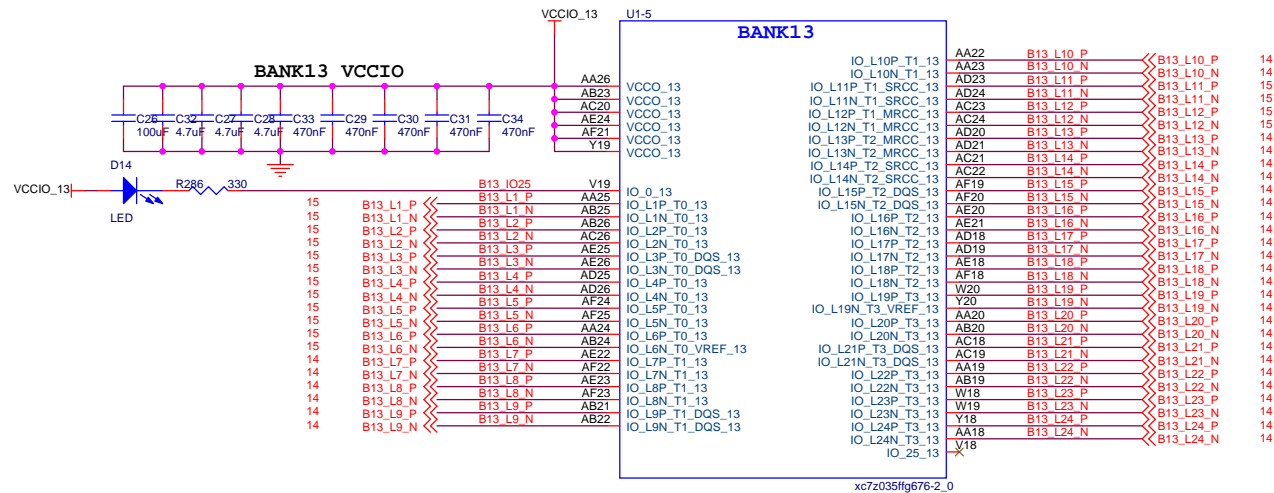
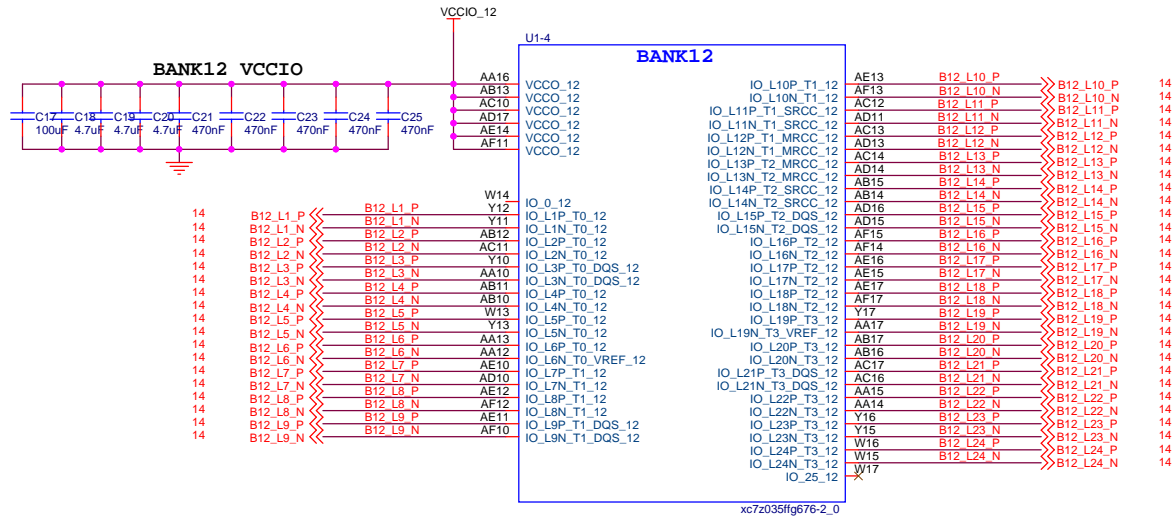
**BOOT OPTION**

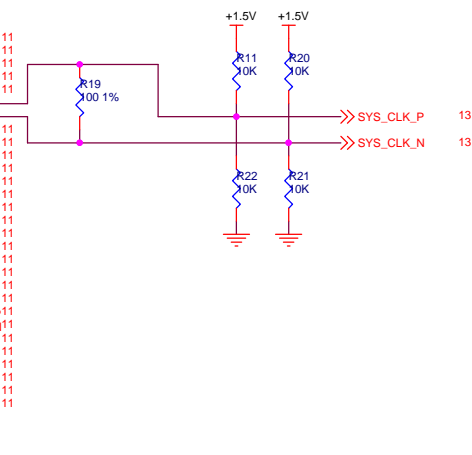
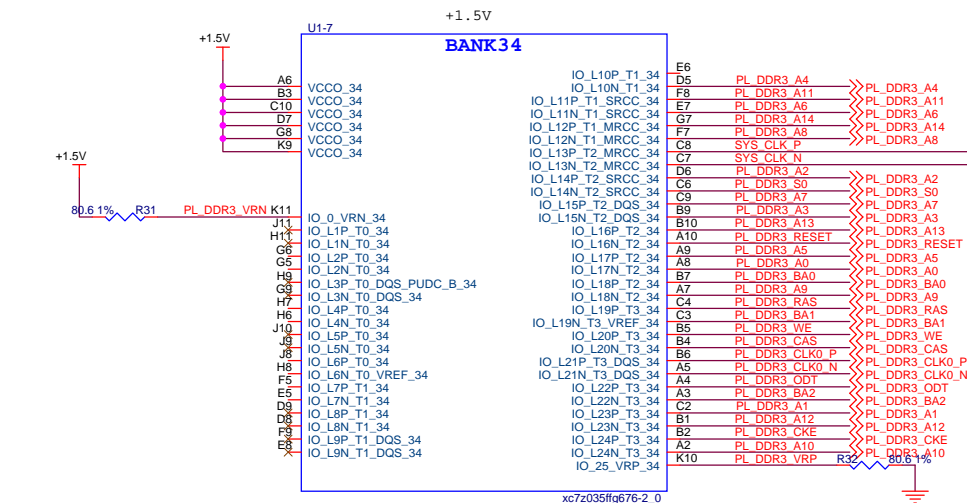
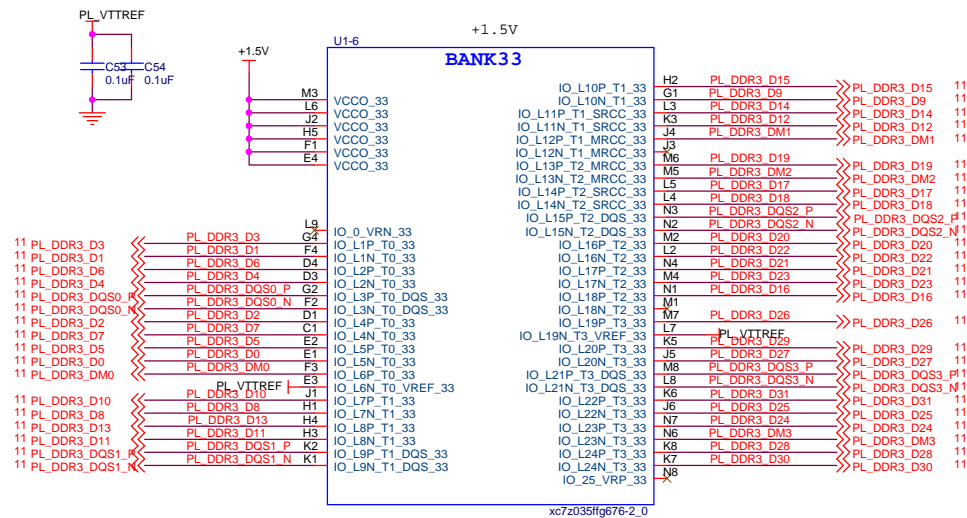
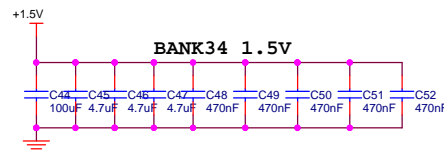
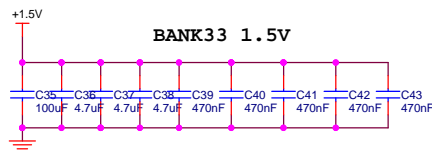
The diagram shows a +3.3V supply connected to a network of resistors and jumpers. The components and their connections are as follows:

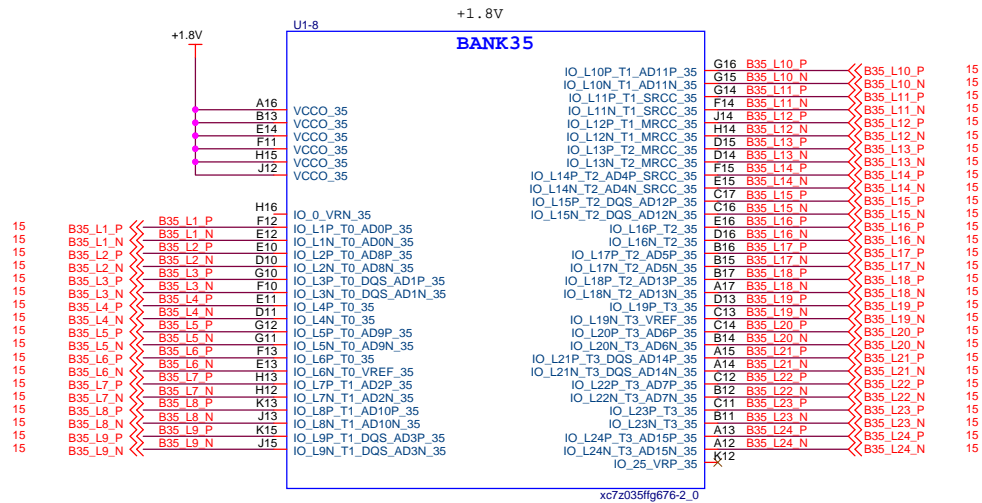
- Resistors:** R12 (20K), R16 (20K), R14 (20K), R18 (20K), and R1R (20K) are connected in parallel to the +3.3V supply.
- Jumpers:** PS\_MIO8, QSPI0\_D0, QSPI0\_SCK, and PS\_MIO7 are connected to the +3.3V supply.
- MIO Pins:** MIO[8], MIO[2], MIO[3], MIO[6], and MIO[7] are connected to the +3.3V supply.

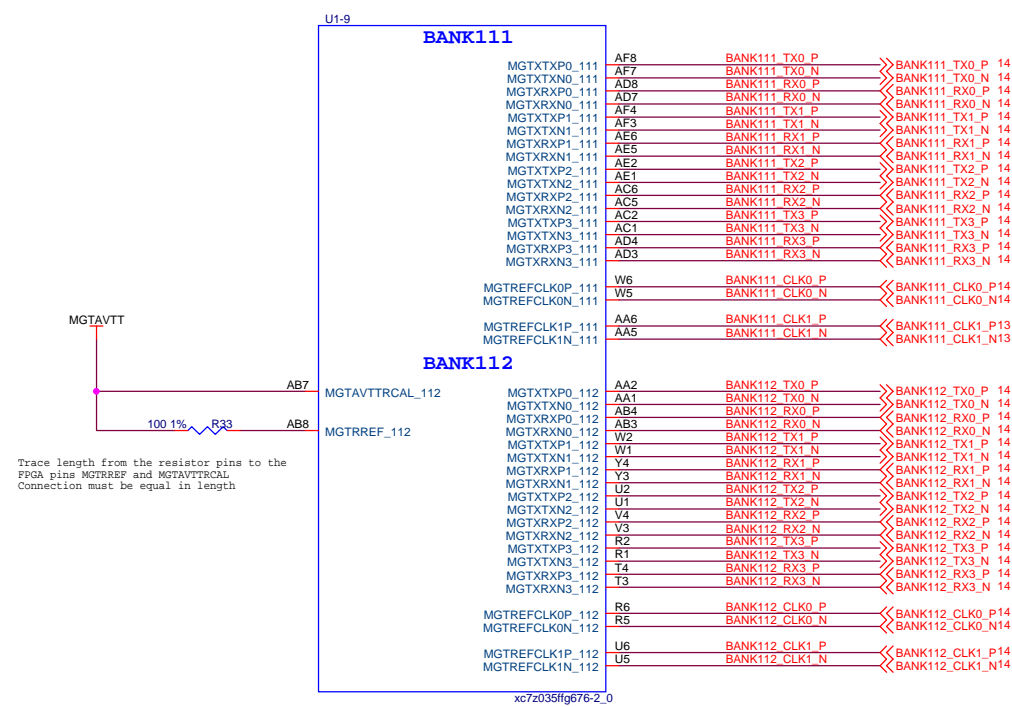
The diagram is labeled "BOOT OPTION".

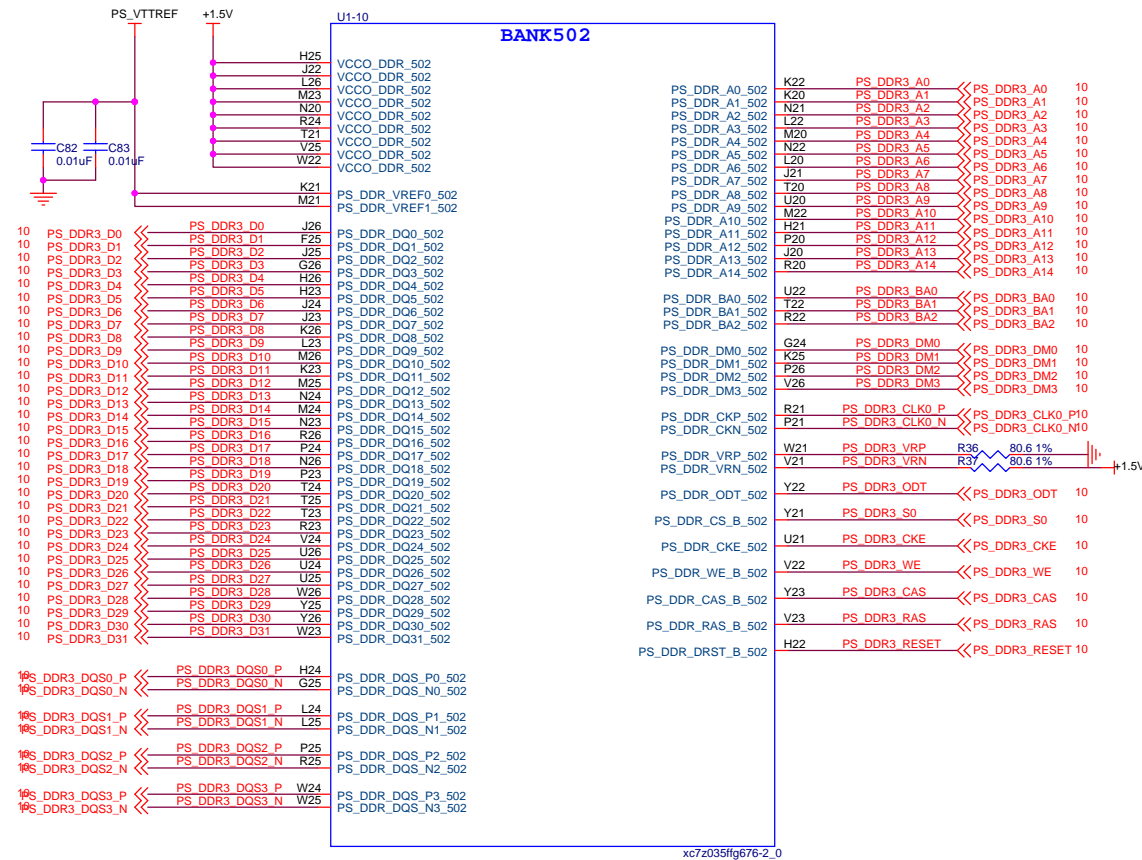




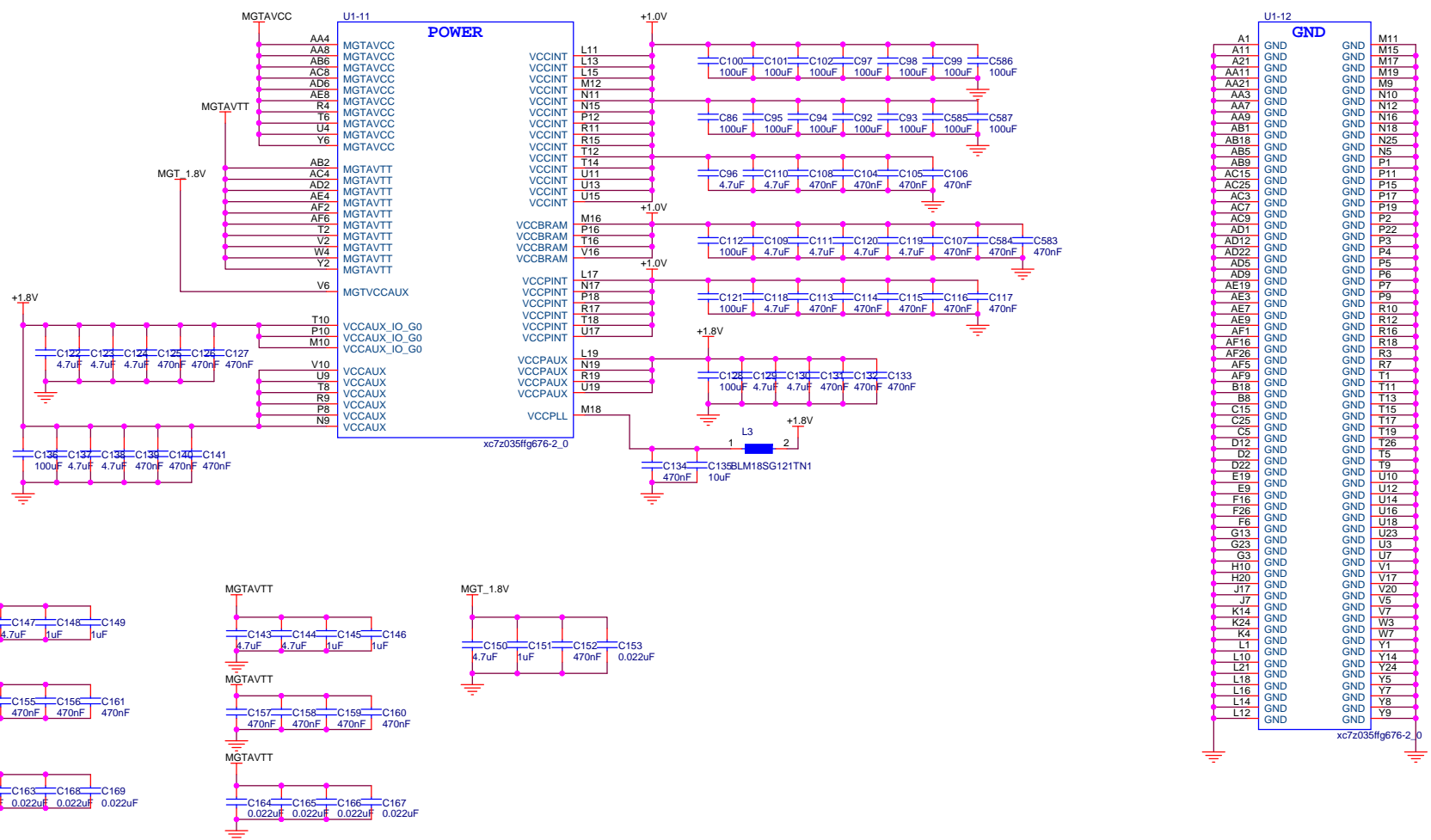




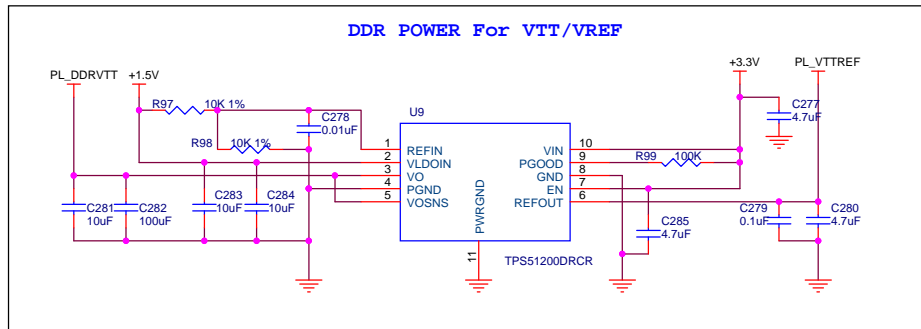
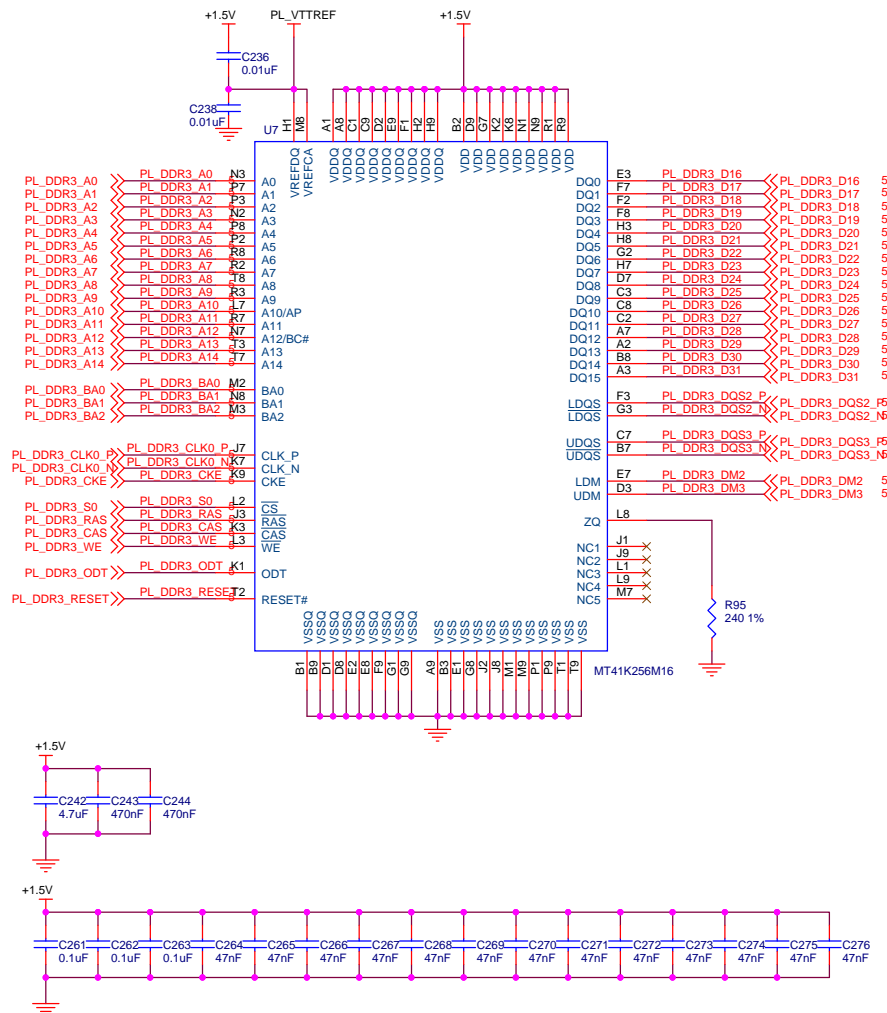
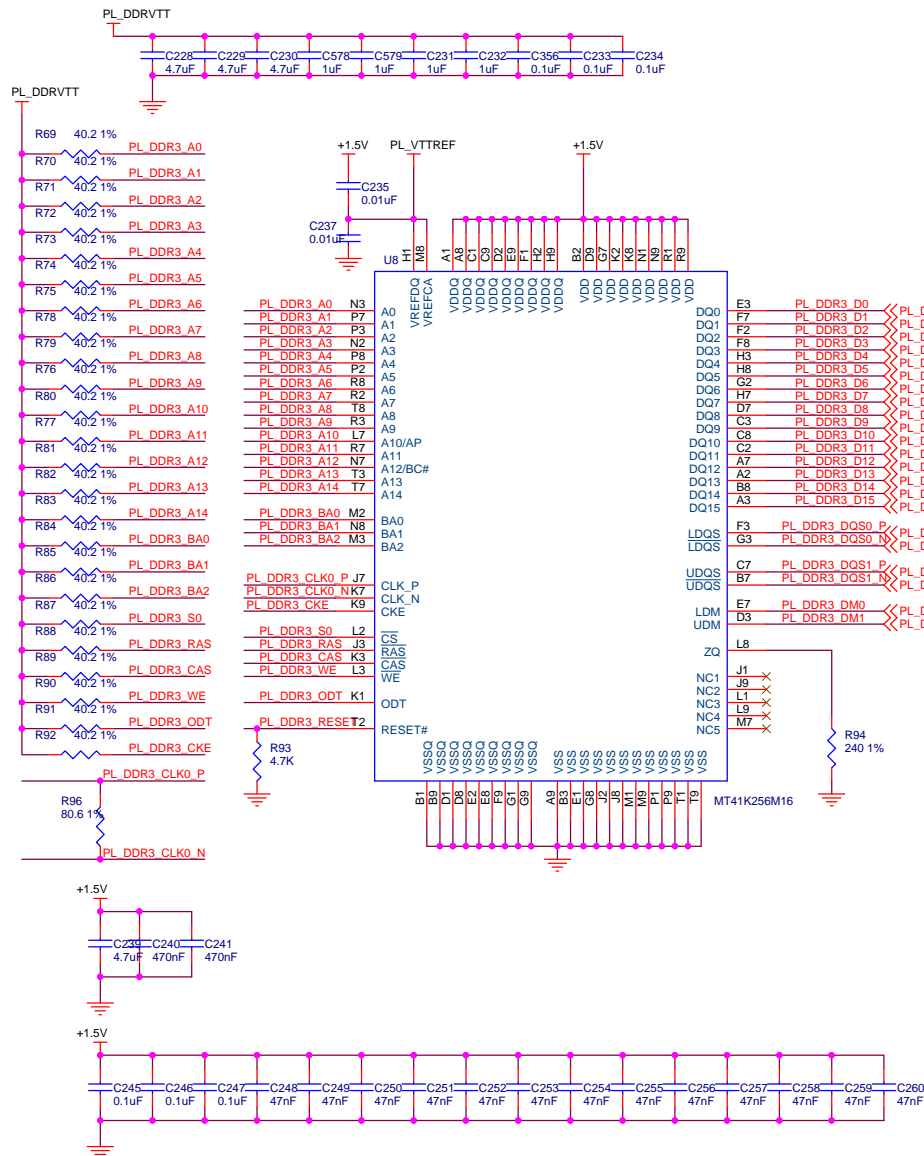


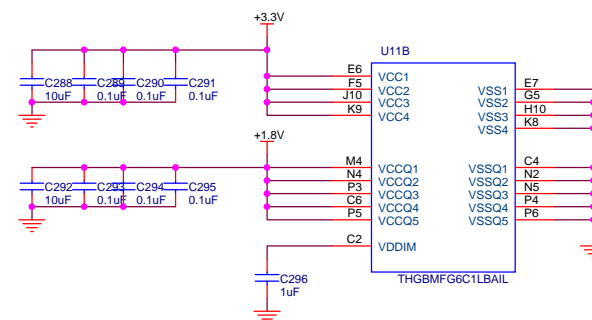
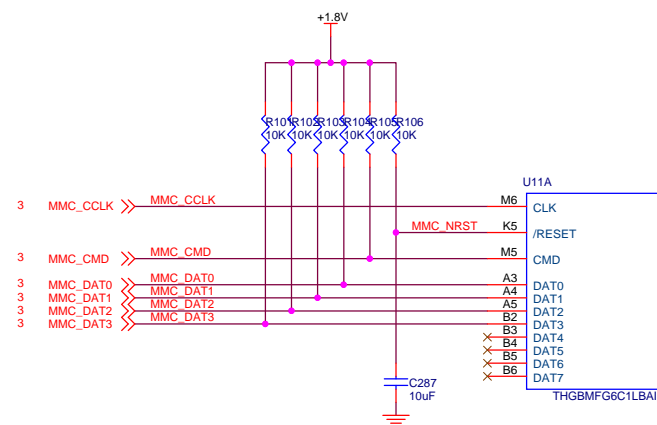
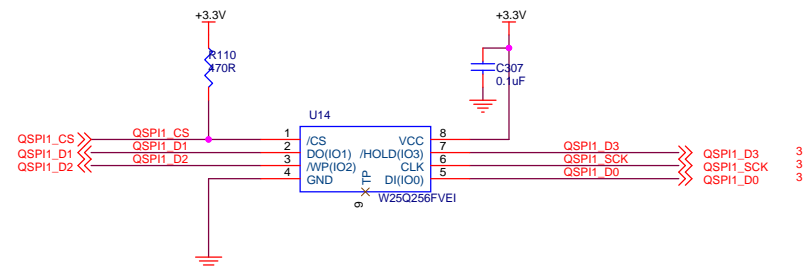






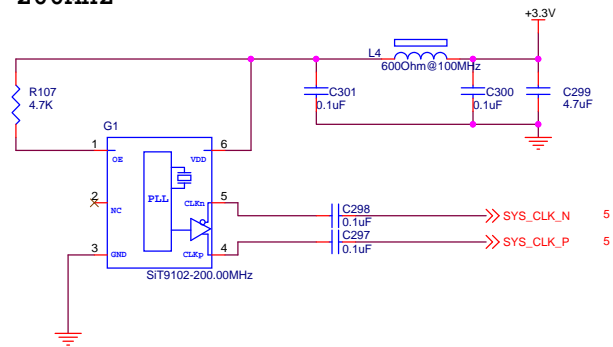






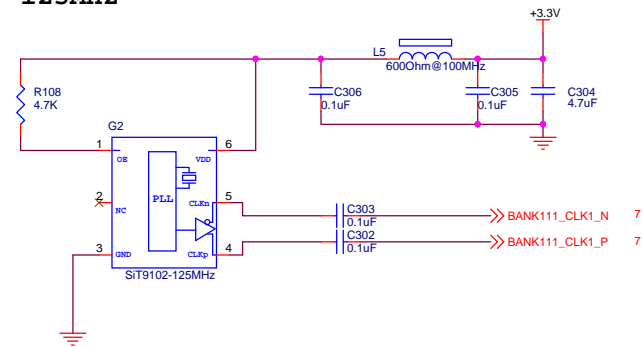
## SYSTEM CLOCK

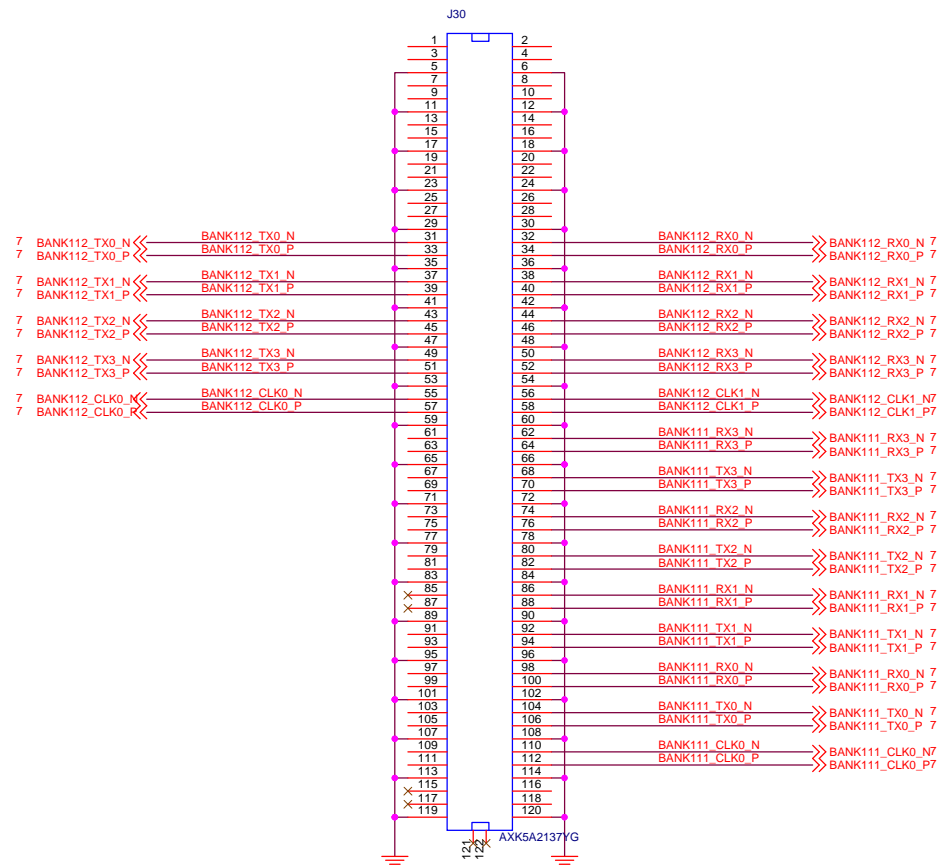
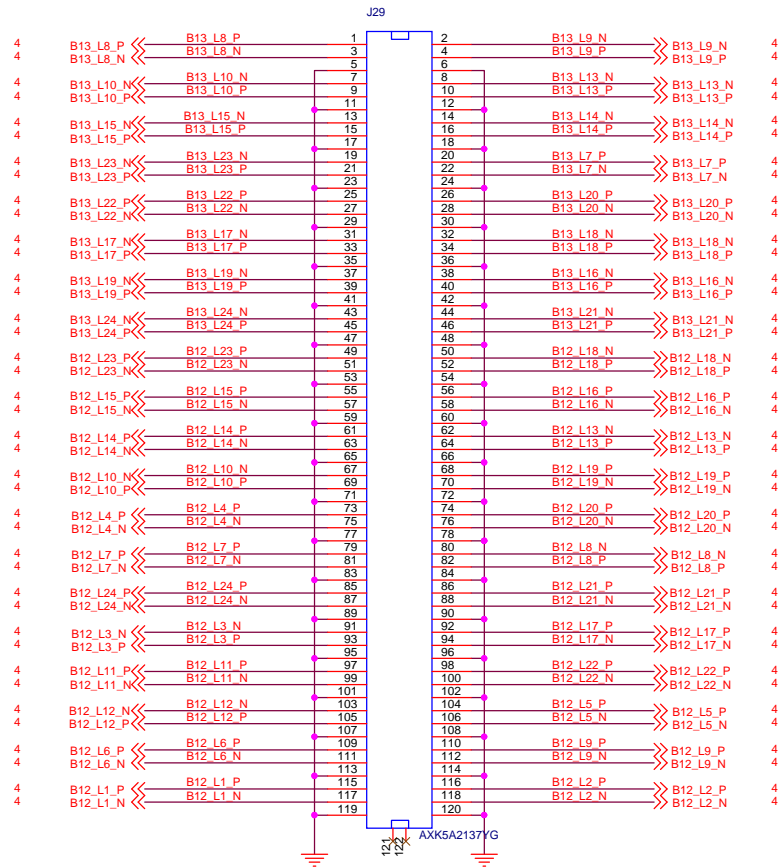
200MHz

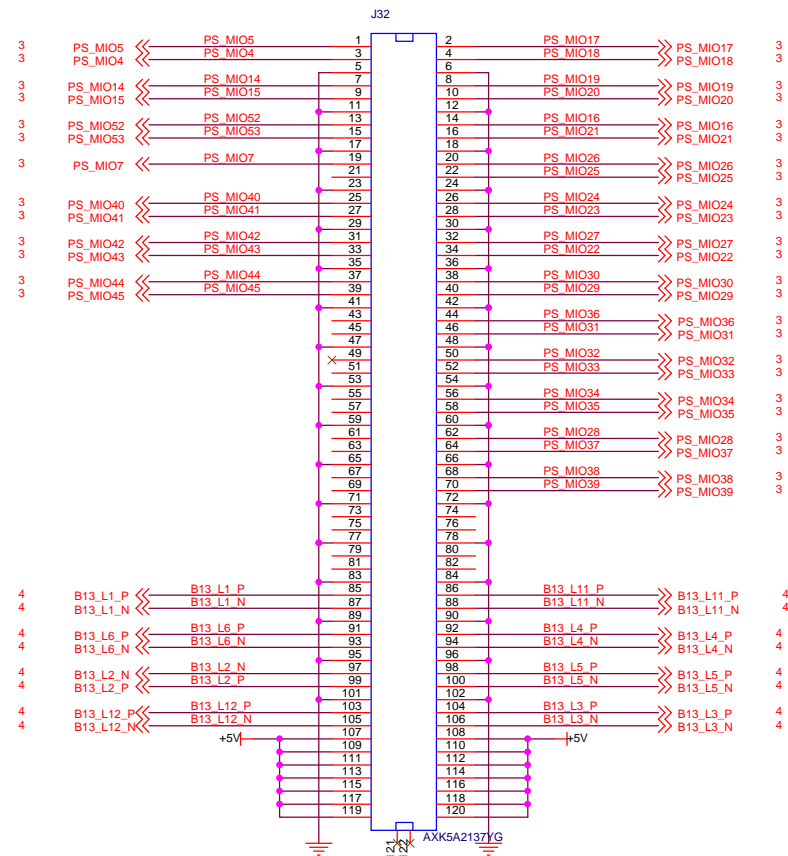
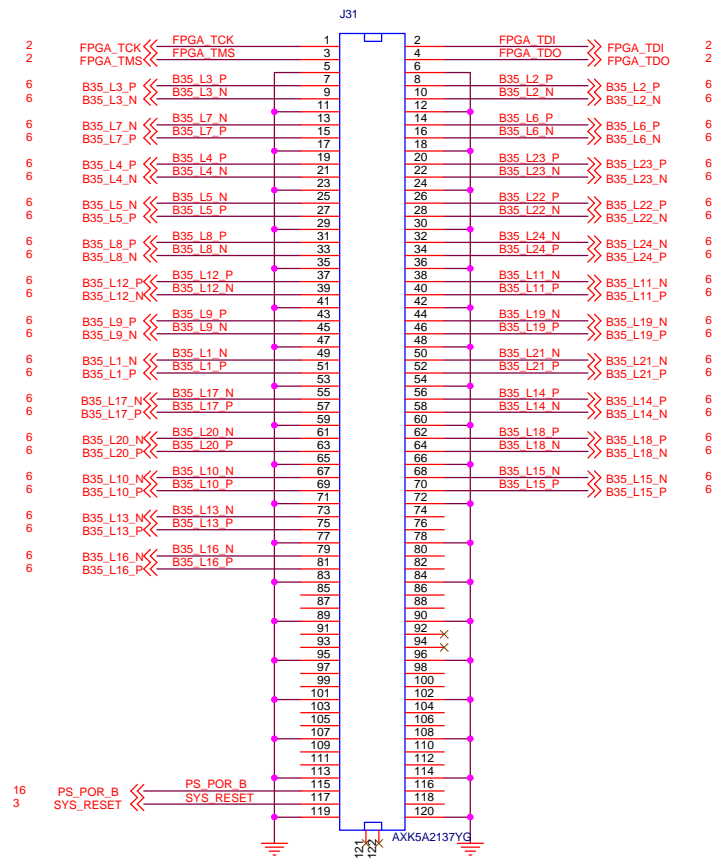


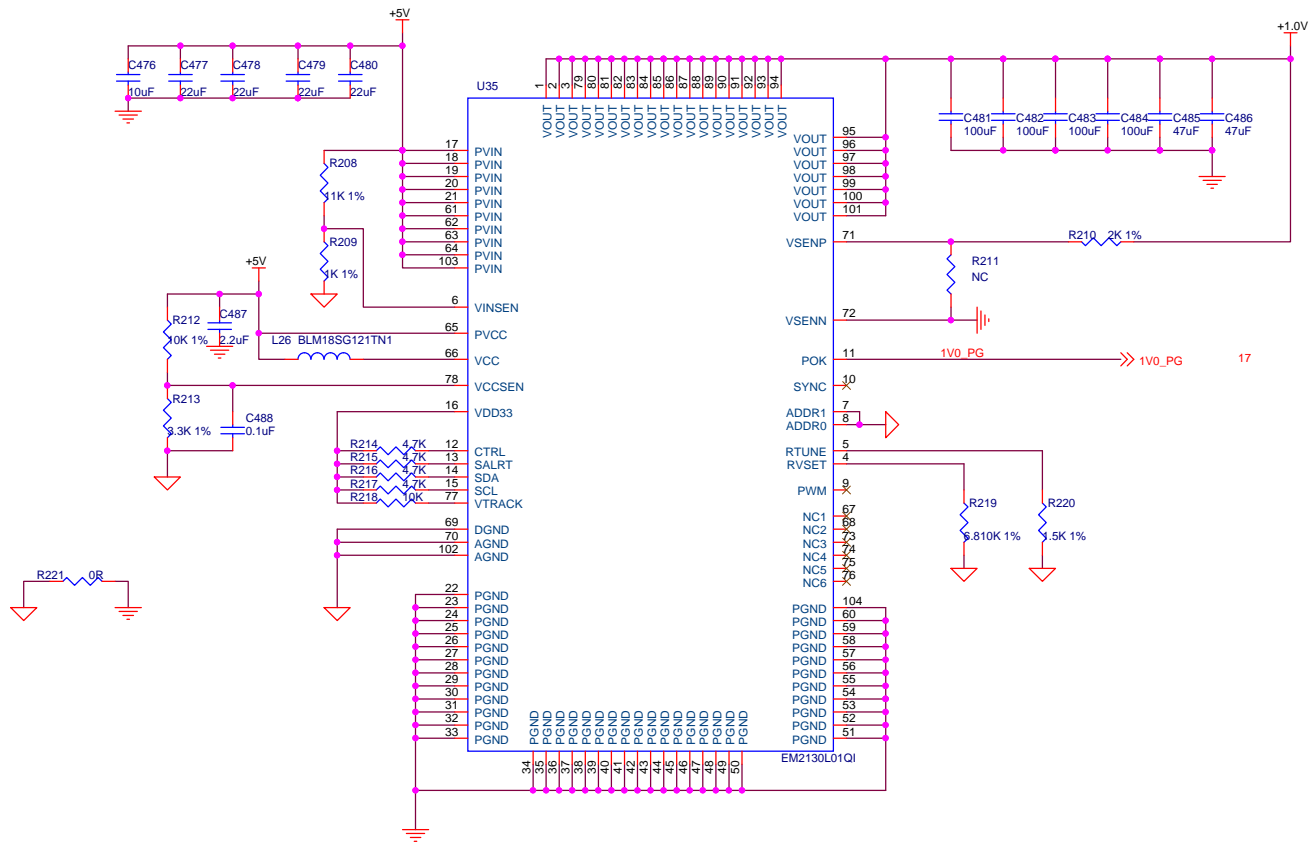
## GTX CLOCK

125MHz

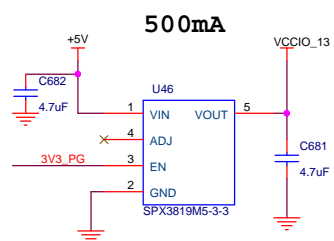
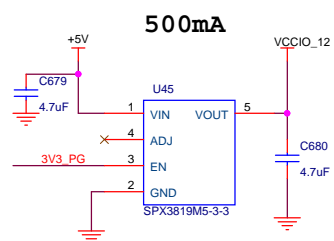
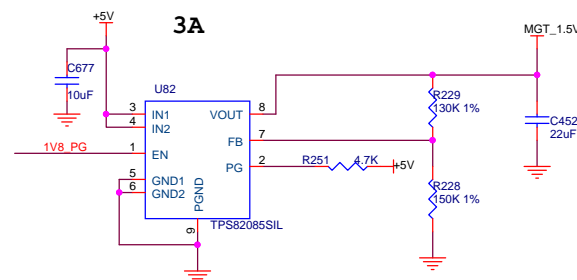
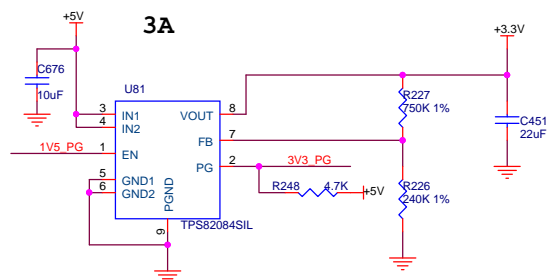
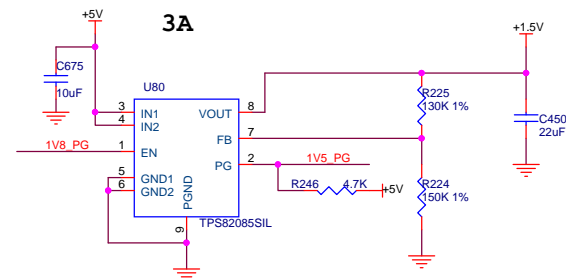
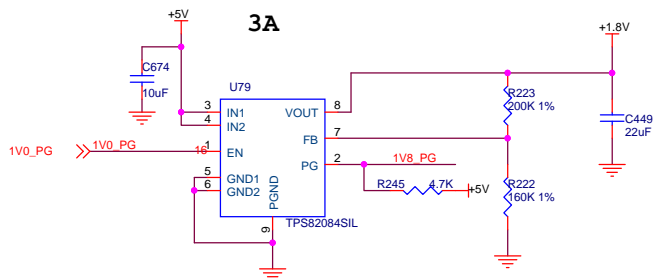


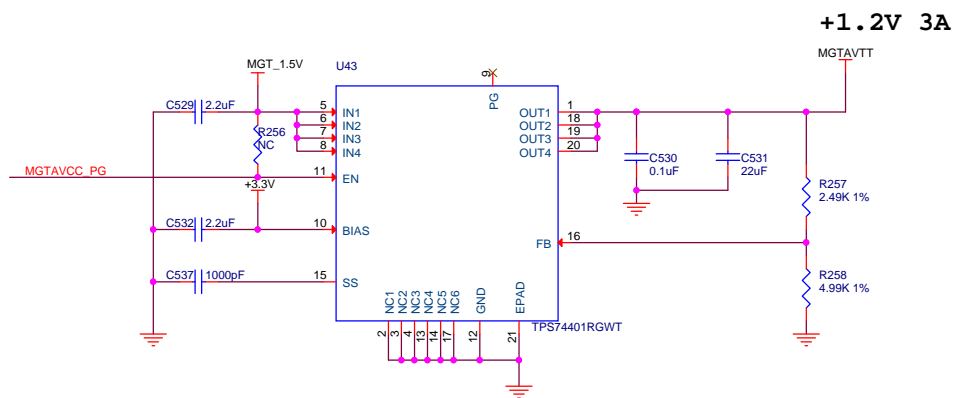
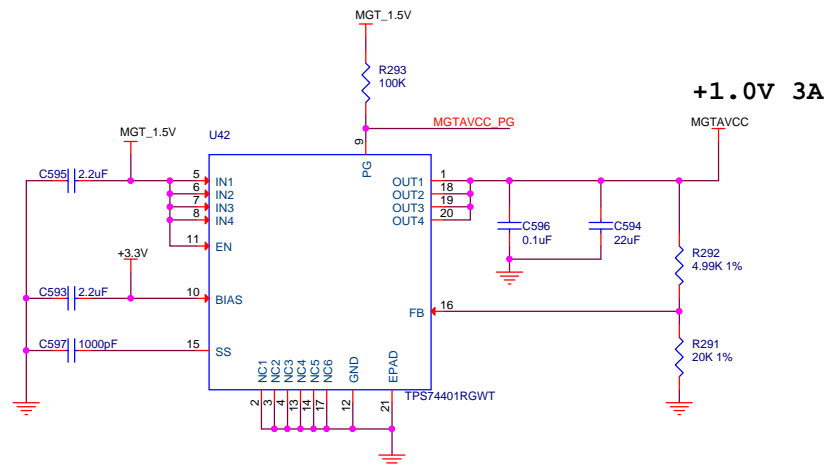
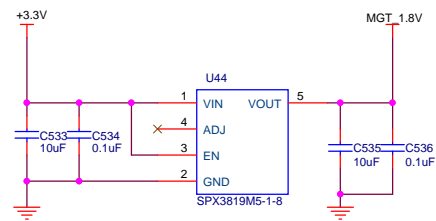












$$V_{out} = 0.8 \times (1 + R1/R2)$$