

Must use Metal shielded crystal for better noise immunity. (Recommended:

XRCGB25M000F3L12R0 by Murata) Strongly recommended adding GND

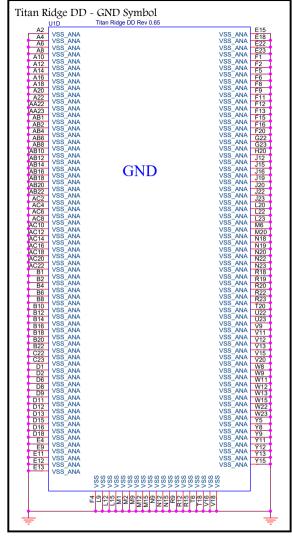
18pF cap is recommended for better

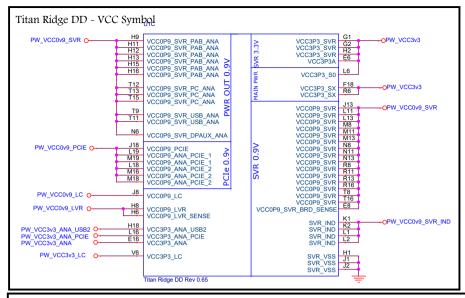
randomĺy.

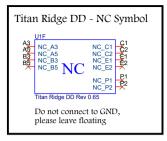
guard-ring around Crystal and crystal's traces up to TR. GND vias should be used

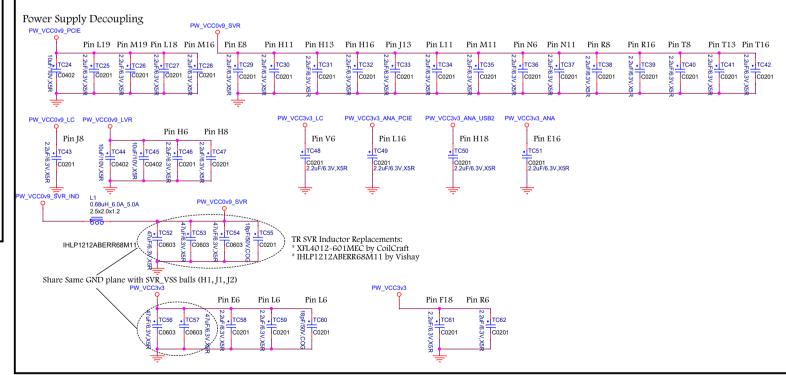
2.4GHz rejection. 20pF cap can be used as

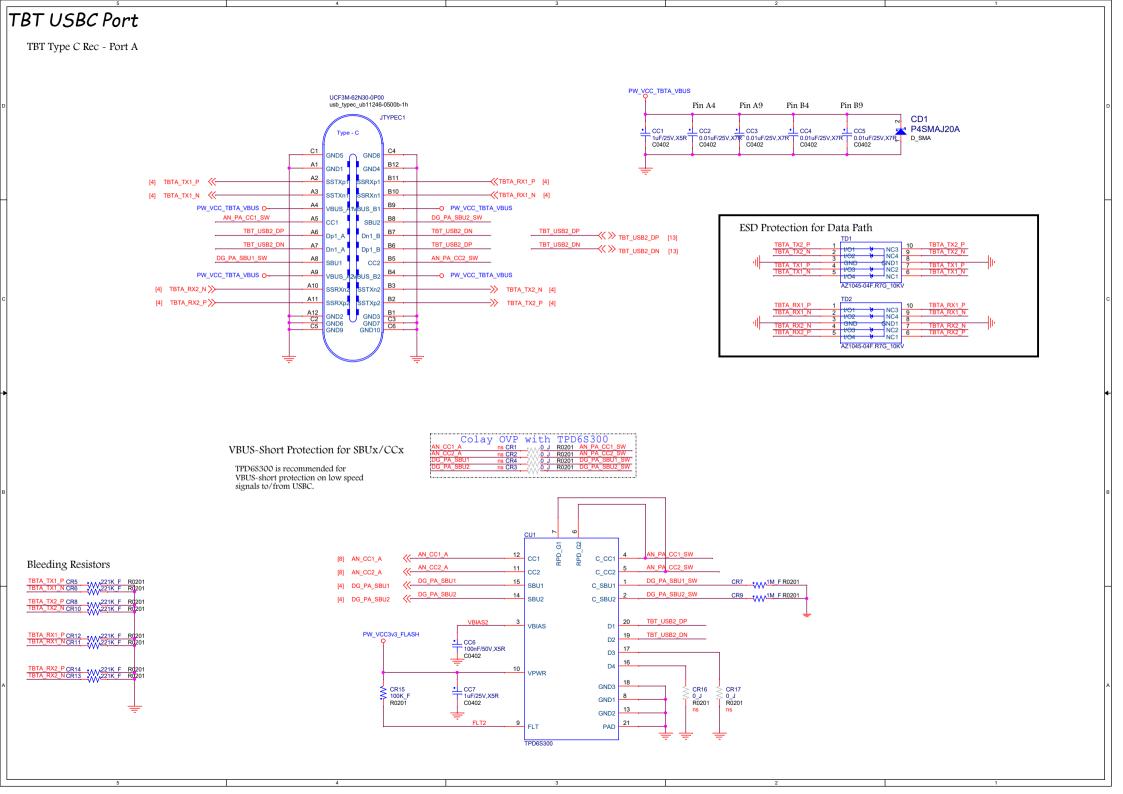
Titan Ridge DD - Power Supply & GND Parts

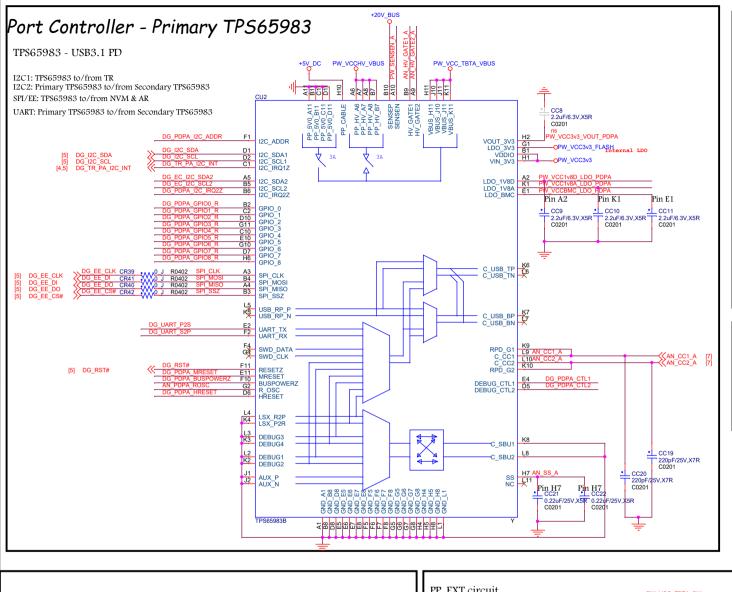


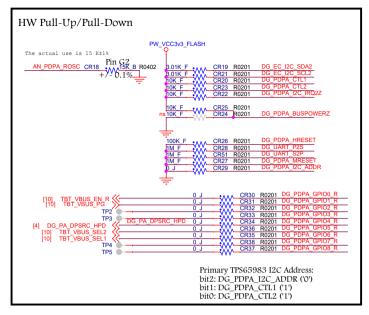


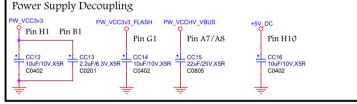


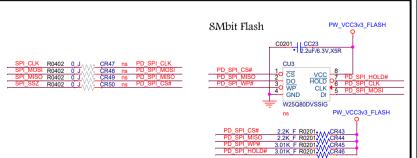


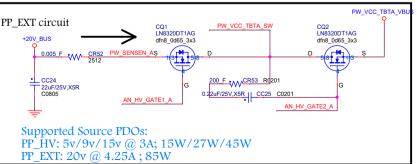


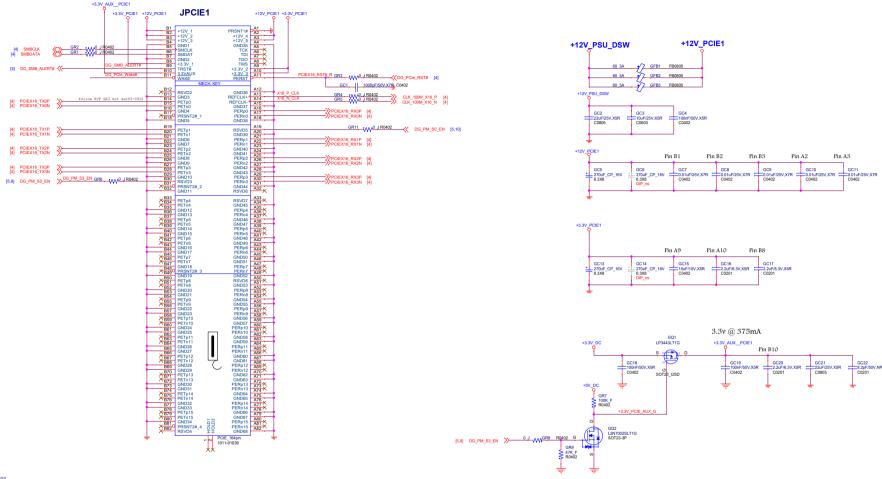






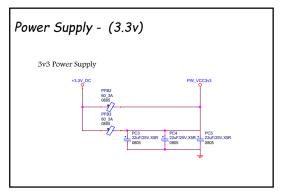


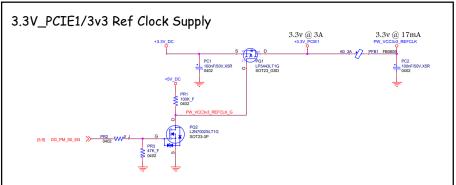


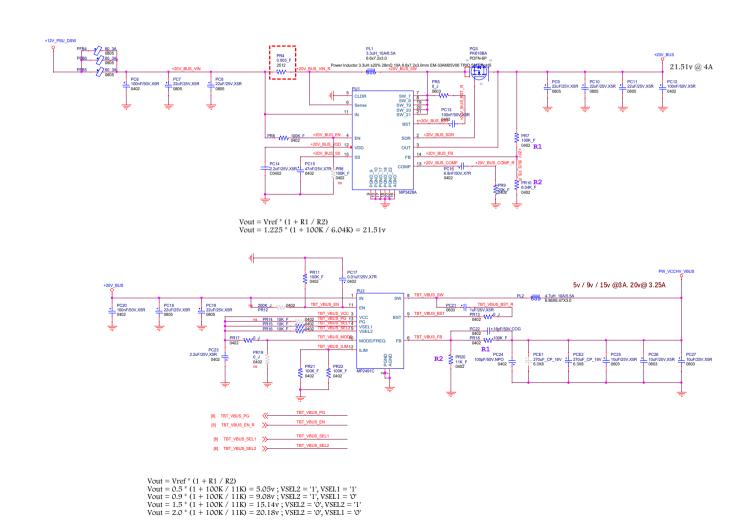


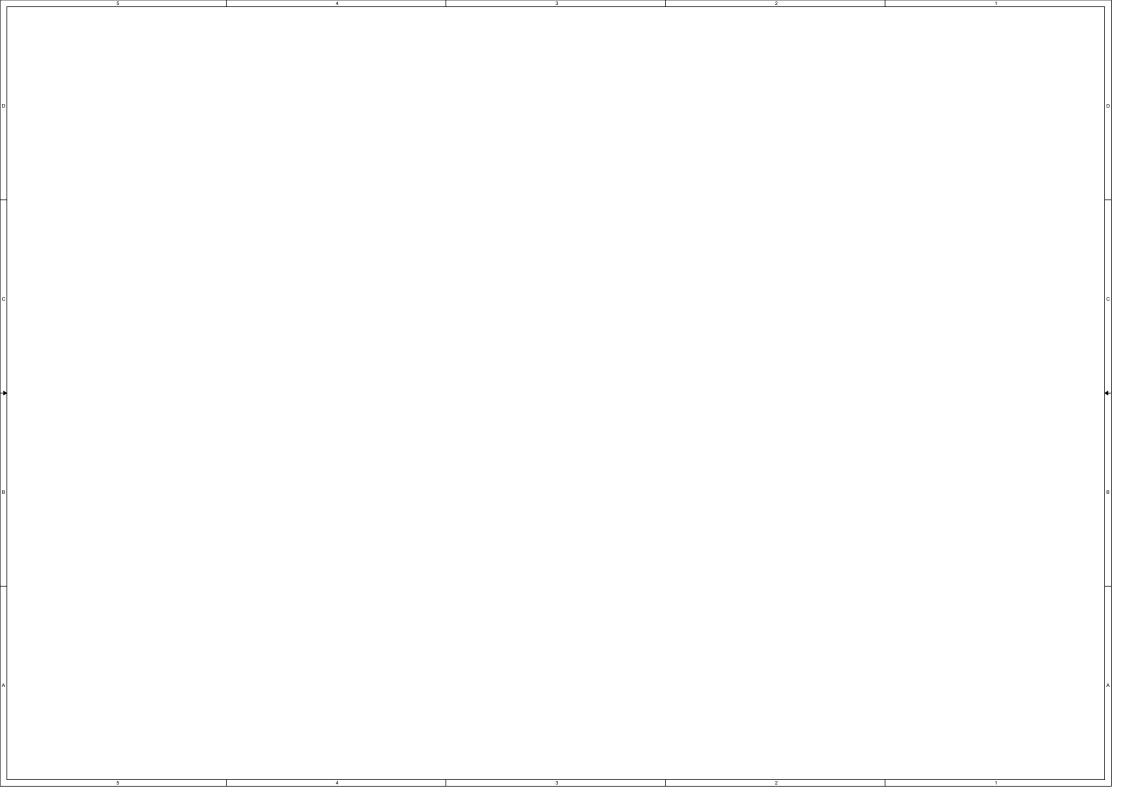
PCIe Wake Circuit

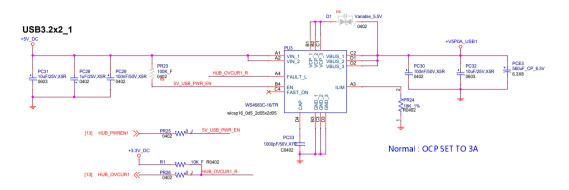


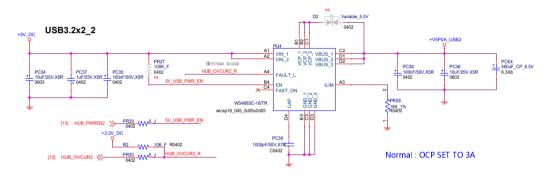


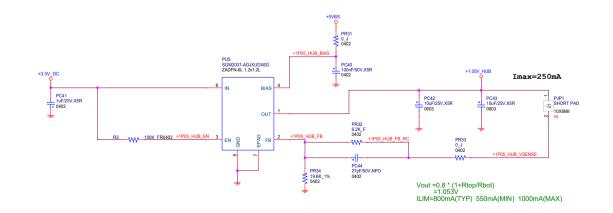


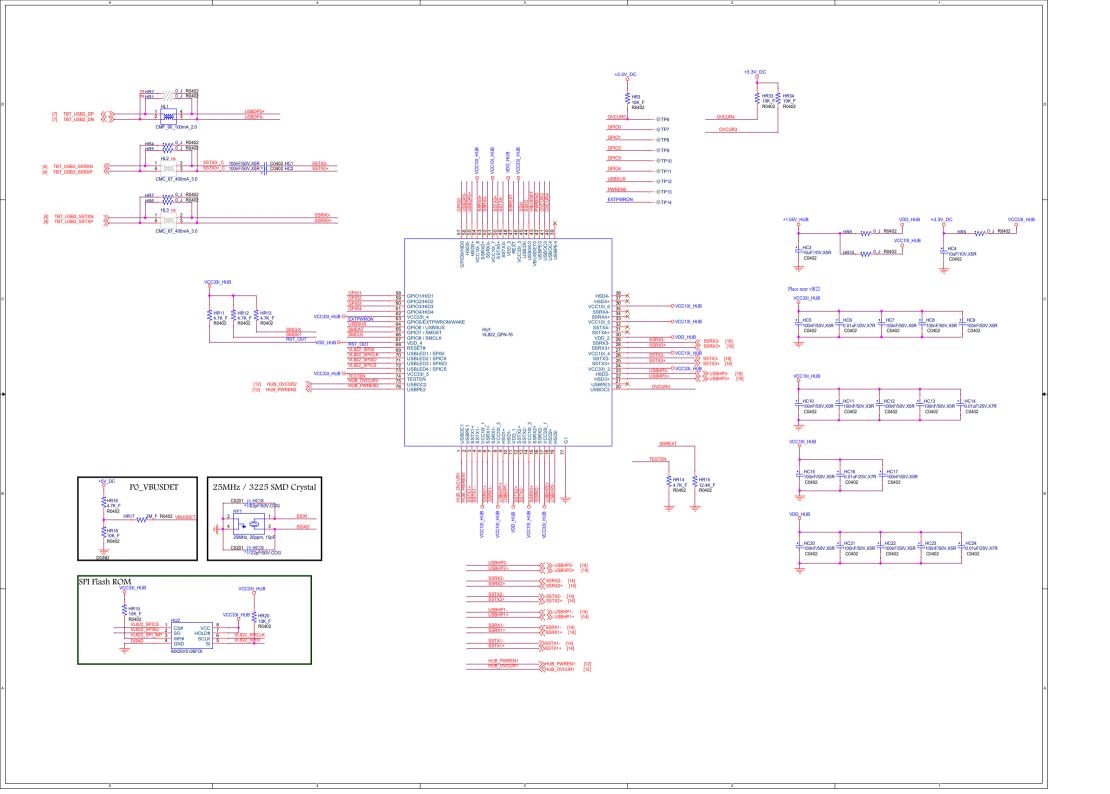


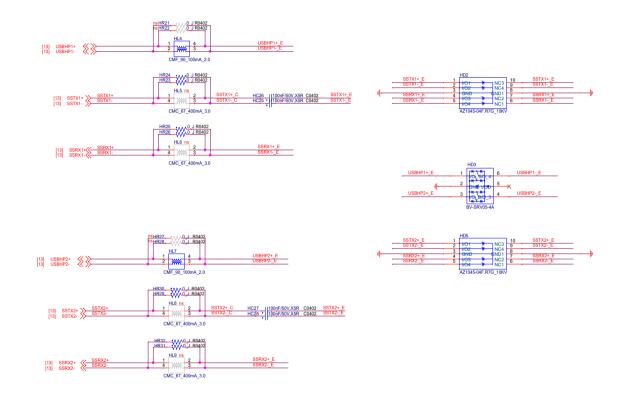


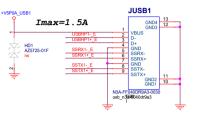


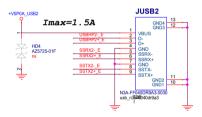


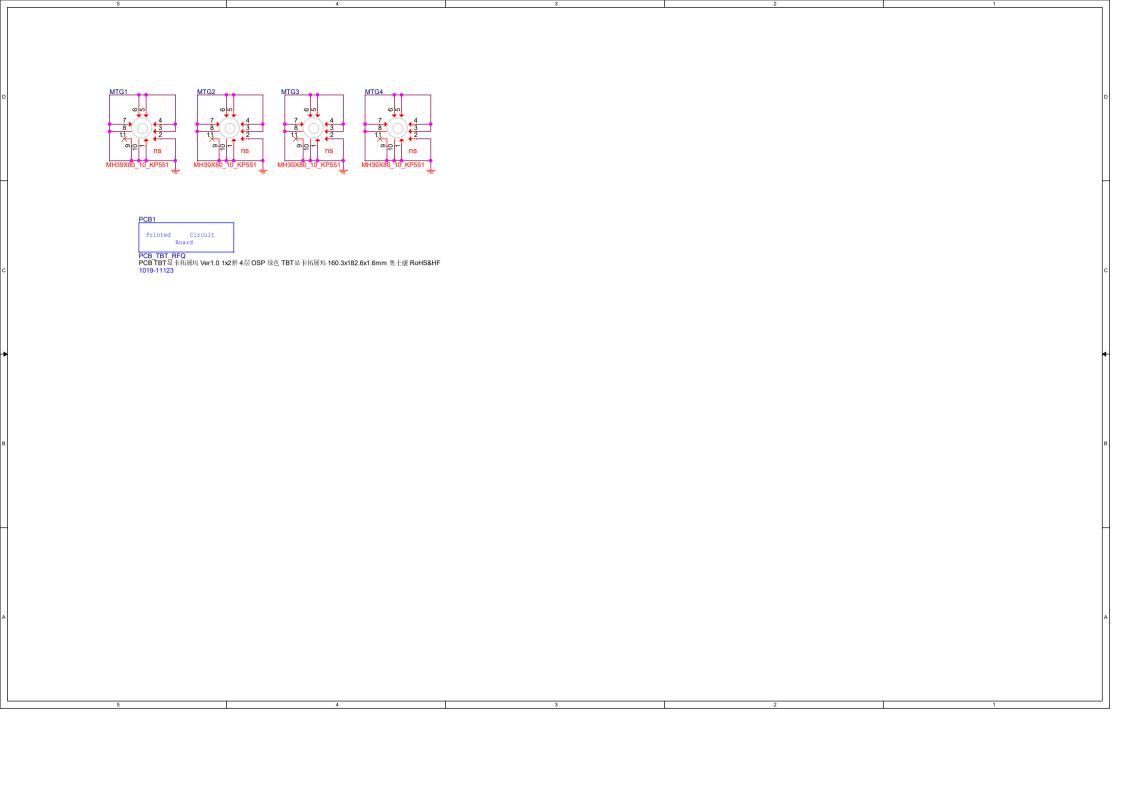


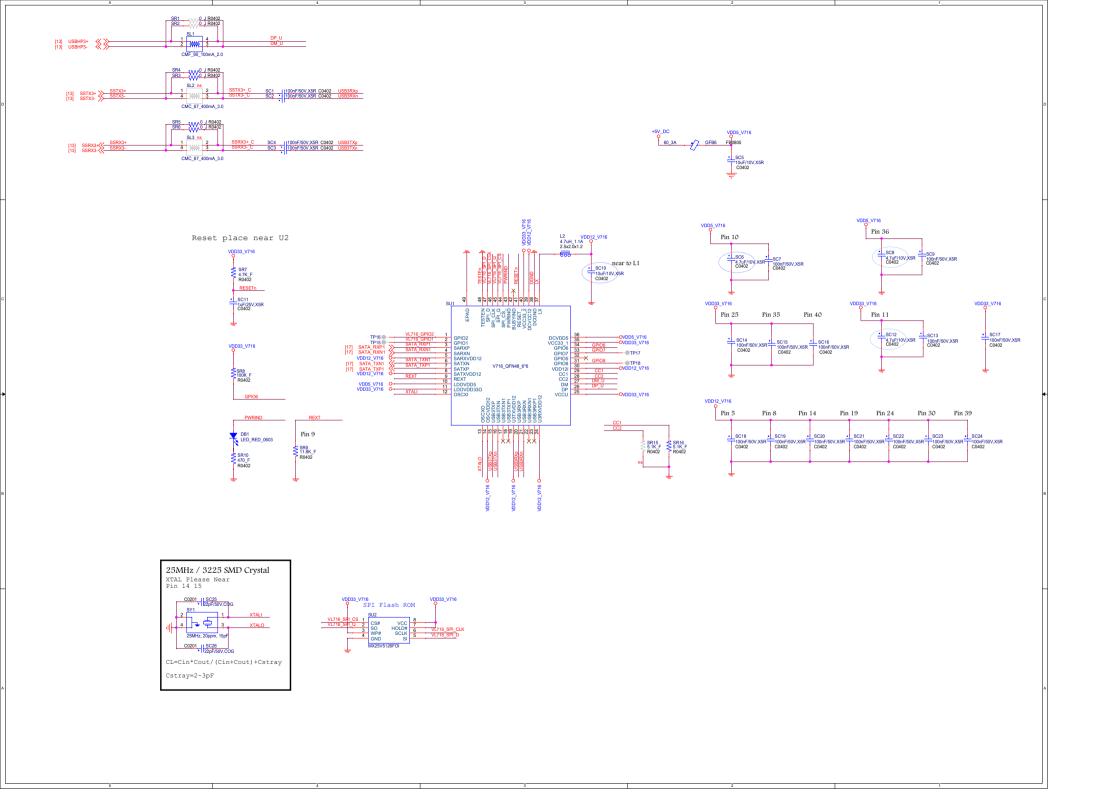


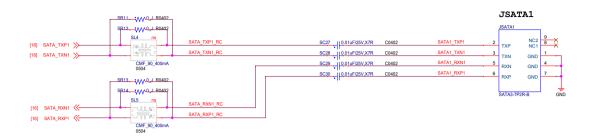






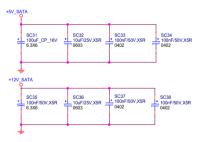












Fan temperature control circuit 1

