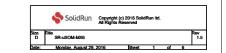
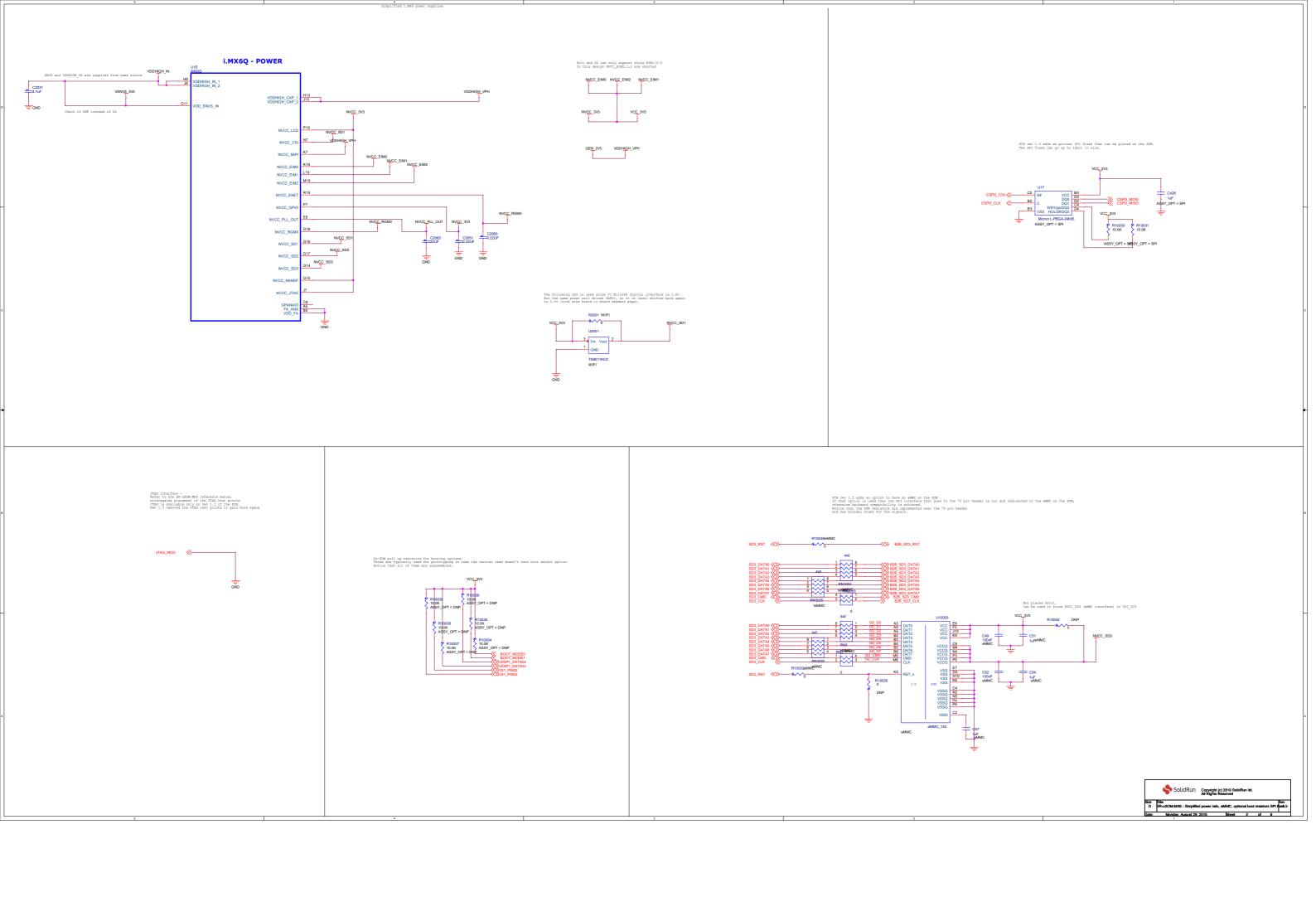
## SR-uSOM-MX6 PCB rev 1.5

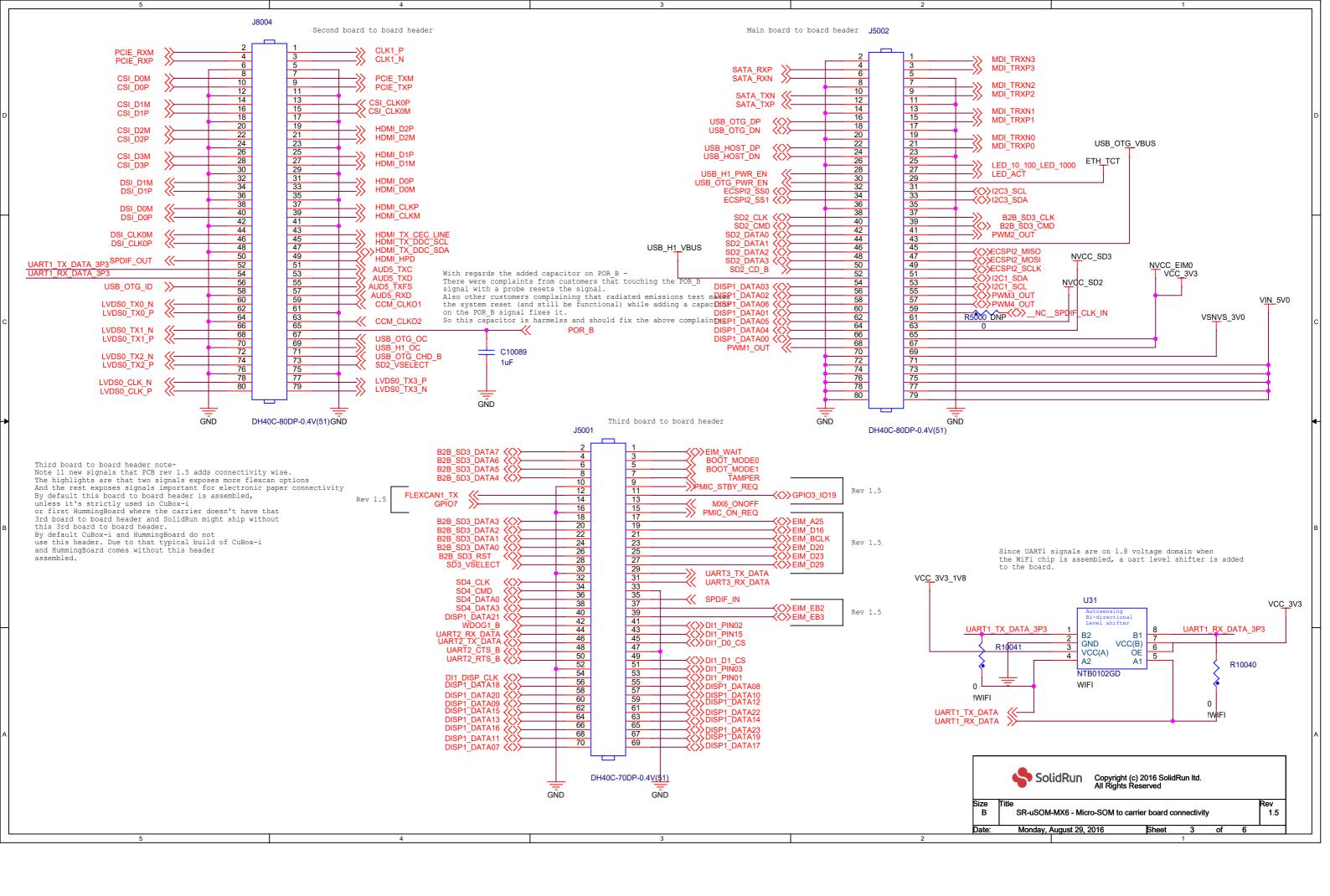
Simplified schematics for SR-uSOM-MX6 i.MX6 based Micro-SOM.

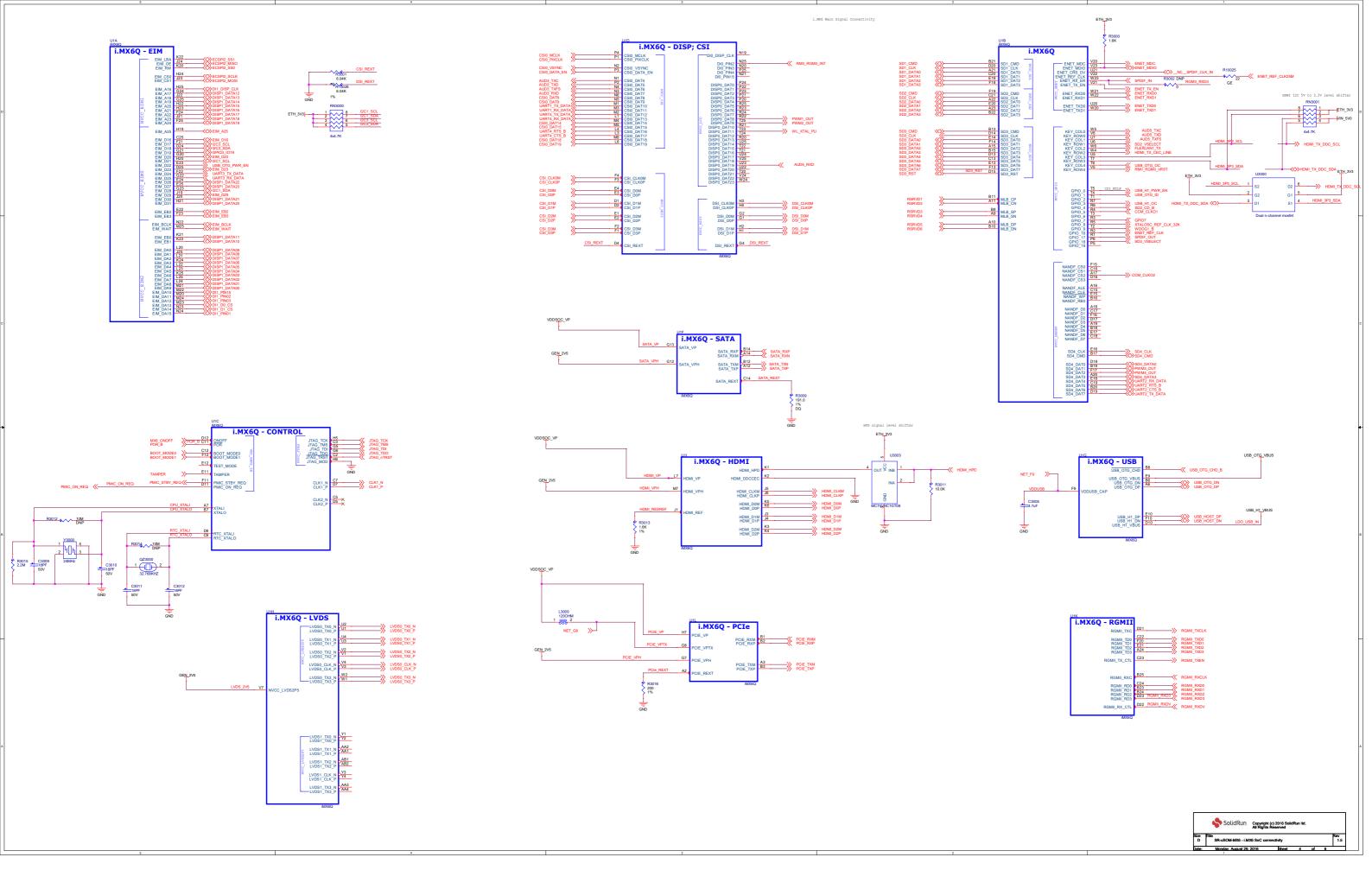
Assembly options naming convention. Some components in the schematics might have assembly option note near them, following are the options -

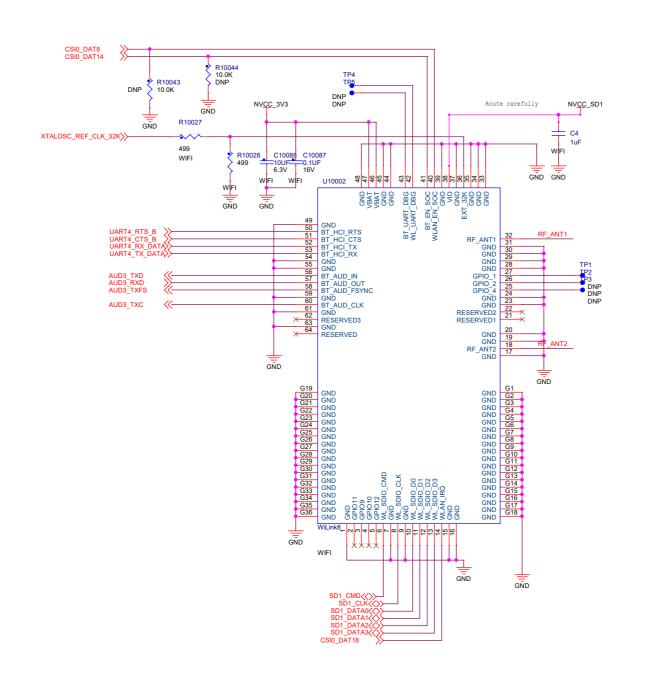
- 1. No note always assembled
- 2. DNP Never assembled. Typically used for debug.
- 3. GE gigabit ethernet
- 4. WIFI TI Wilink8
- 5. !WIFI TI Wilink8 not assembled
- 6. eMMC assembled on SOM
- 7. WIFI 2nd antenna Used when assembling TI Wilink MIMO version
- 8. SPI Used when assembling the on SOM SPI flash



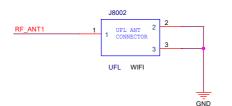








RF ANT1 and RF ANT2 are small micro strips that are 50 ohm impedence controlled between the WiFi device and the uFL connectors  $\,$ 



Notice second antenna is assembled only when using MIMO capable TI Wilink8 device

