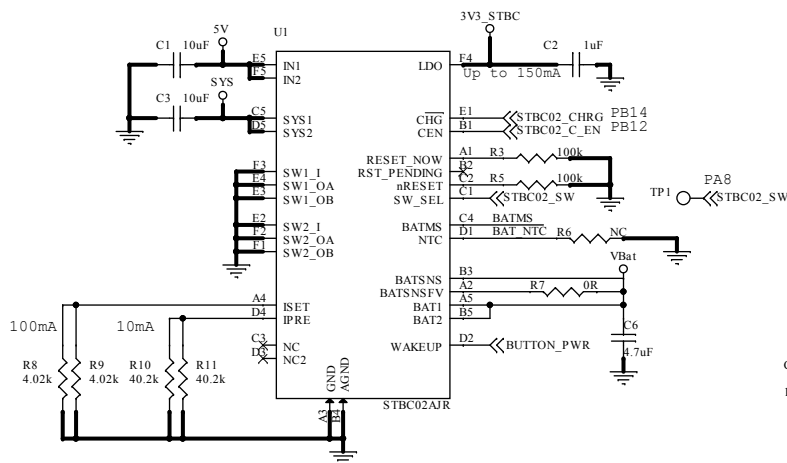


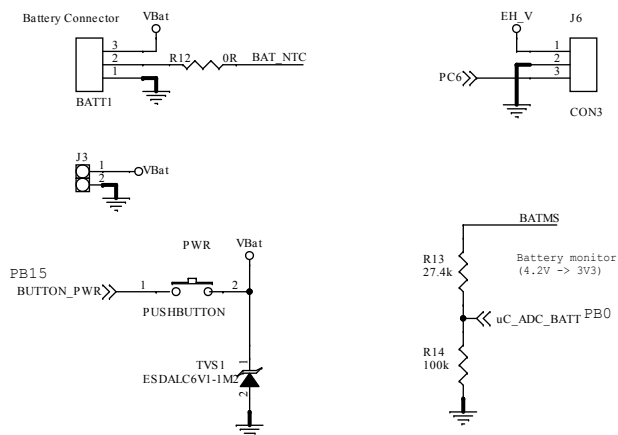
Schematic diagrams

Figure 1. STEVAL-NBIOTV1 circuit schematic (1 of 5)

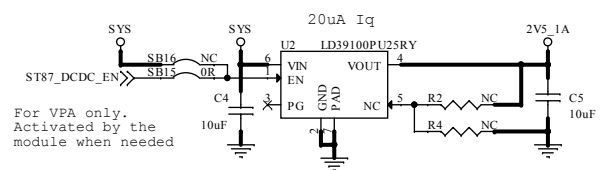
Battery management



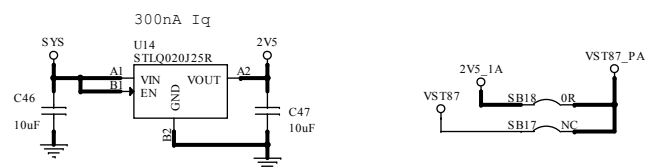
Direct External P. Supply



2V5 LDO (1A)



2V5 LDO (200mA)



P. Supply config	J1	J2	SB15/SB16	SB17/SB18	Description
Default	1-2	1-2	Close/Open	Open/Close	Power supply from Battery/USB/J5. Dual LDO for best power supply performance.
Single LDO	OPEN	1-2	Open/Close	Close/Close	Power supply from Battery/USB/J5. Single LDO for BOM optimization.
Direct external power supply	2-3	2-3	-/-	Close/Open	Direct power supply from CON3 connector. Onboard LDOs are not used.

Other configurations are not recommended. Use at your own risk.

Figure 2. STEVAL-NBIOTV1 circuit schematic (2 of 5)

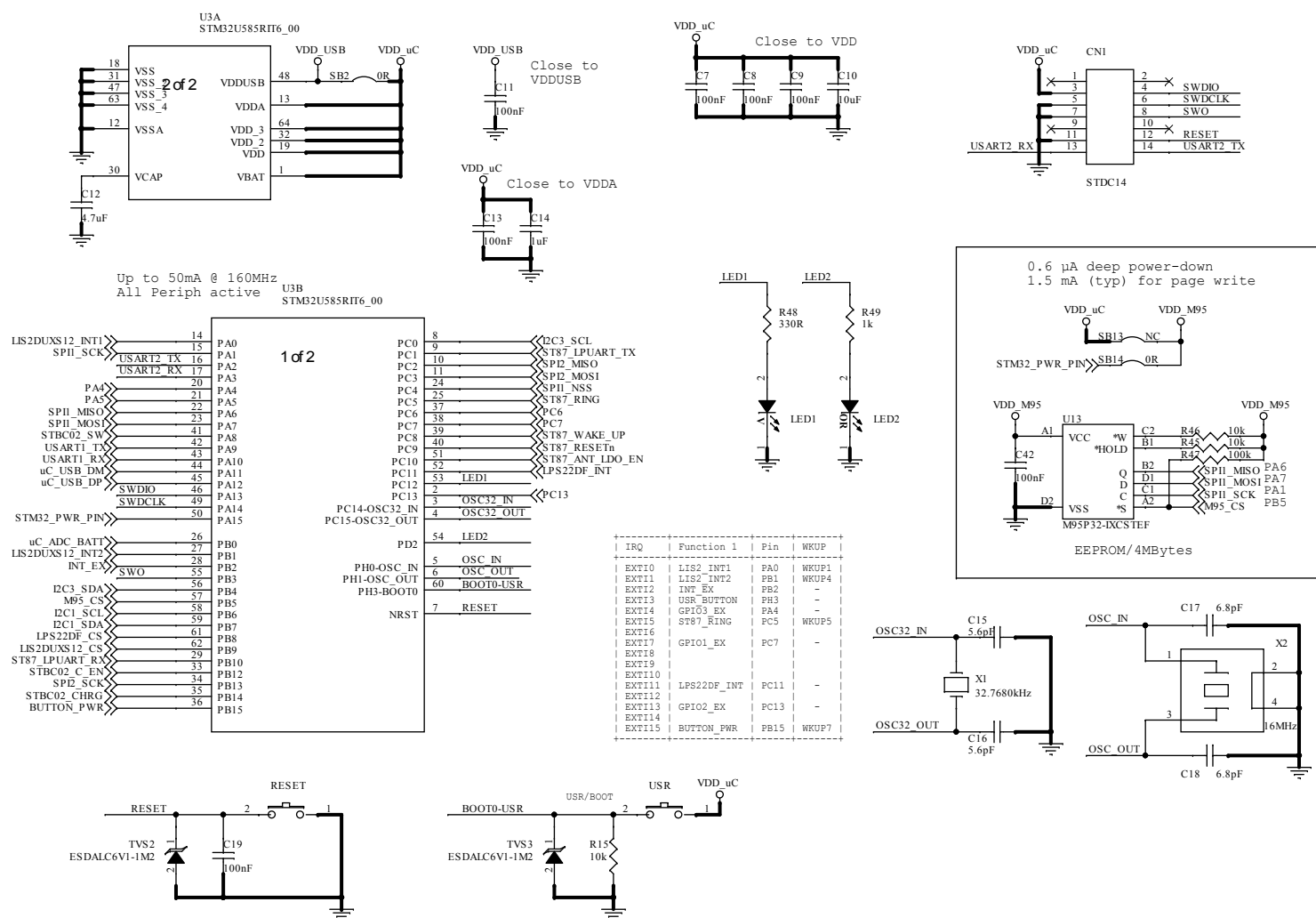


Figure 3. STEVAL-NBIOTV1 circuit schematic (3 of 5)

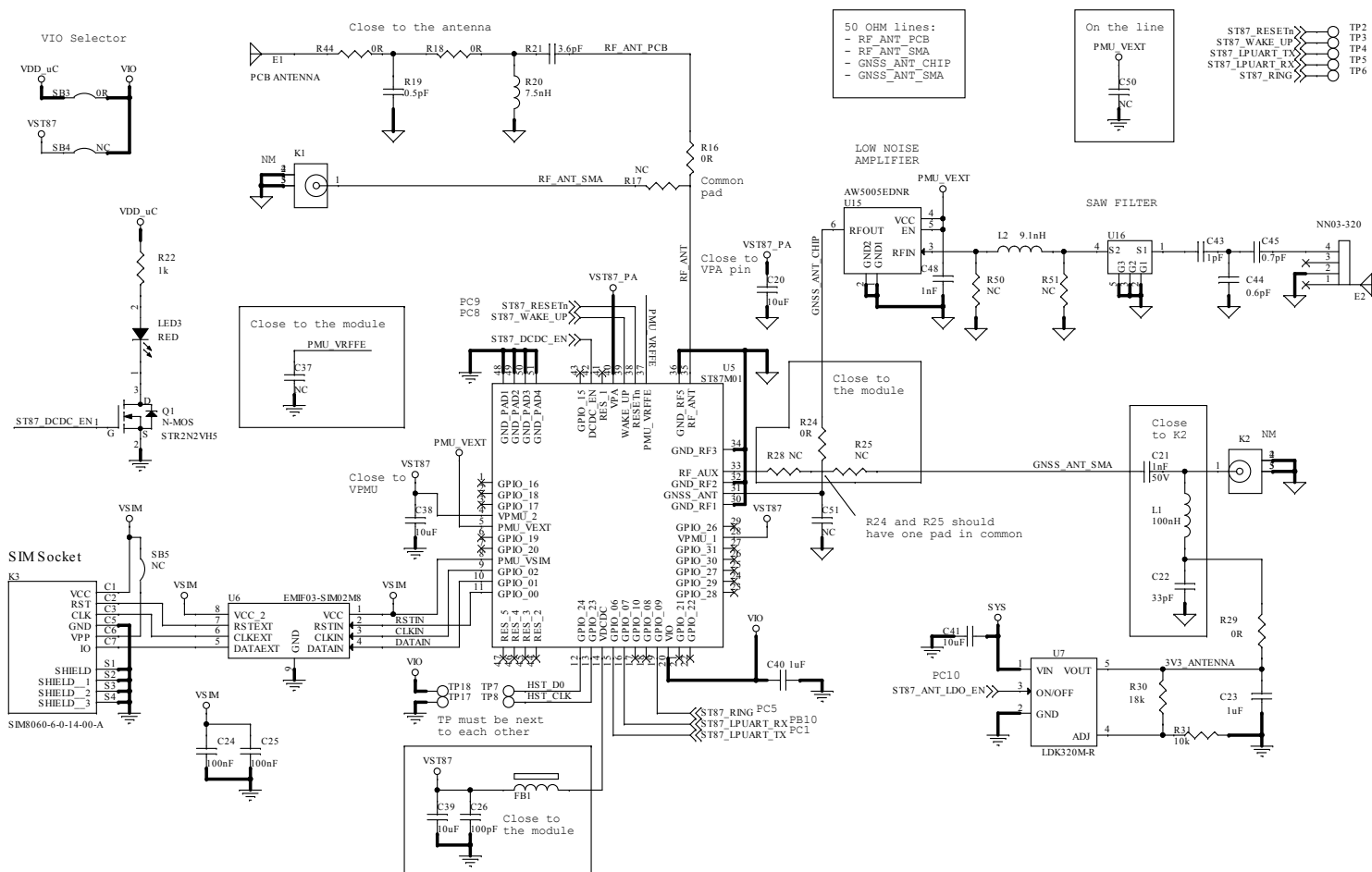


Figure 4. STEVAL-NBIOTV1 circuit schematic (4 of 5)

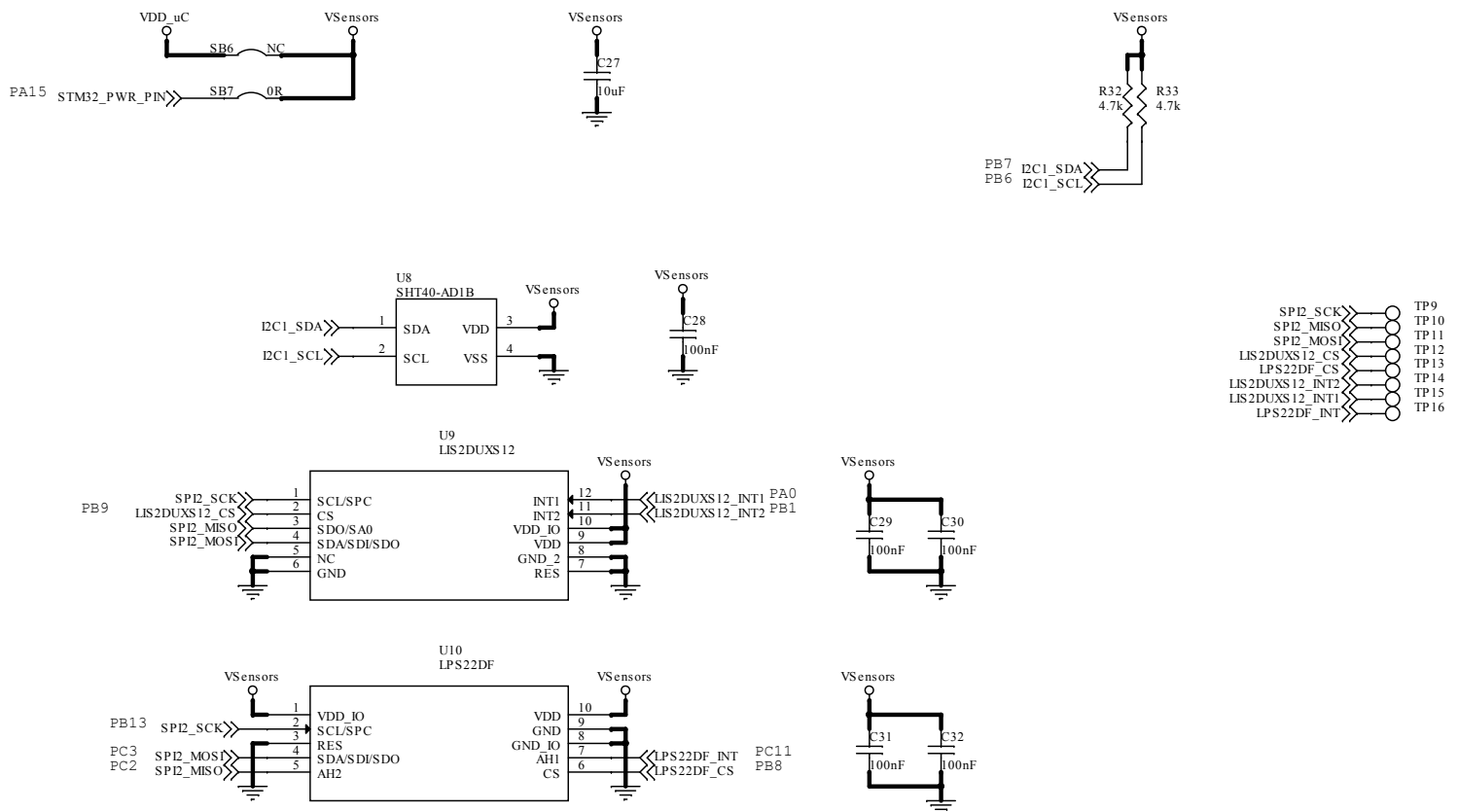
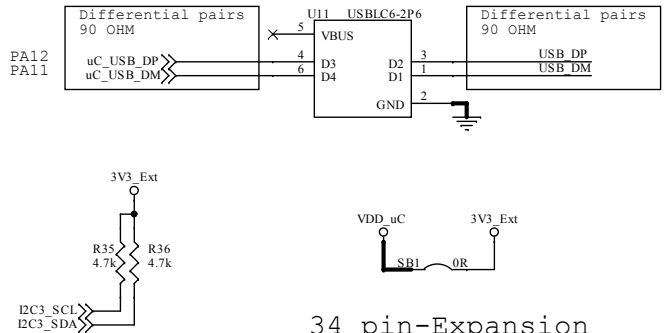
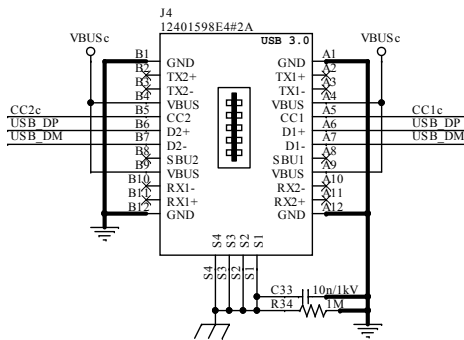


Figure 5. STEVAL-NBIOTV1 circuit schematic (5 of 5)

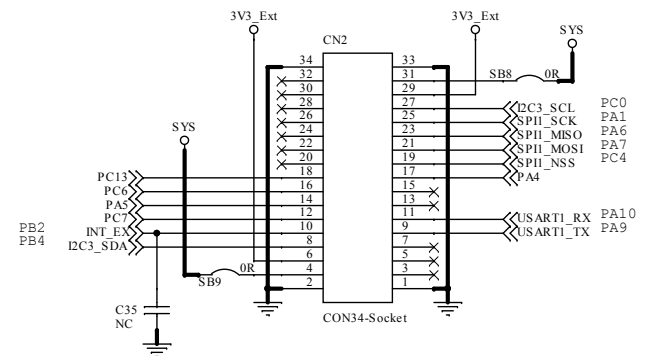
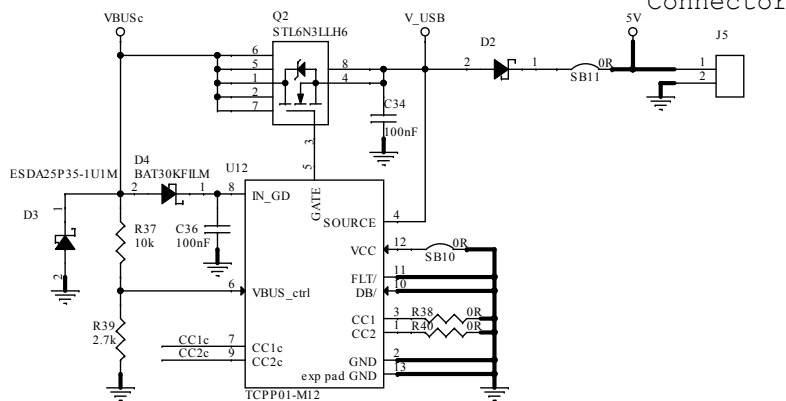
USB-C Socket



34 pin-Expansion Connector

Orientation:
Odd pins should be on the side of the pcb

EXT 5V Connector



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