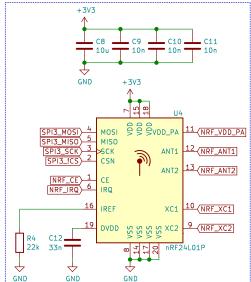


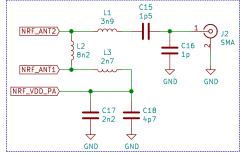
STM32 USB requires 3V3.

Not reverse polarity protected,however since only power source is via USB connector, we can hope that the polarity will be correct.

NRF24 Transceiver

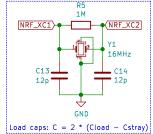


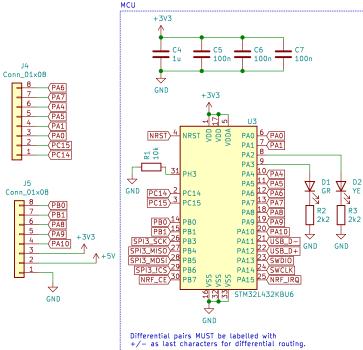
Antenna Impedance Matching and SMA Connector



Route as 50 Ohm controlled impedance traces. Follow datasheet regarding layout.
Passive antenna.

Transceiver Crystal



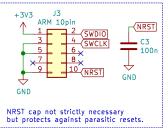


STM32L432KBU datasheet:

'No external termination series resistors are required on USB_DP (D+) and USB_DM (D-); the matching impedance is already included in the embedded driver.'

STM32 MCU has internal USB pull-up resistors. (AN4879)

SWD Connector



Philip Salmony

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Title: STRF

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