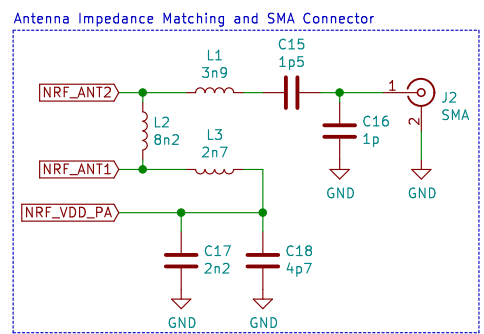
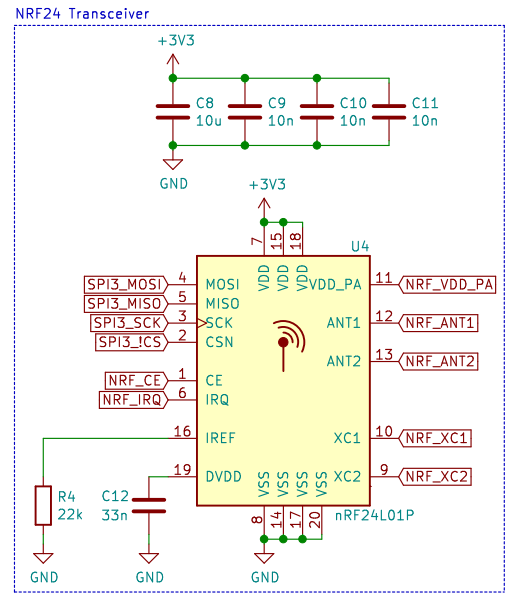
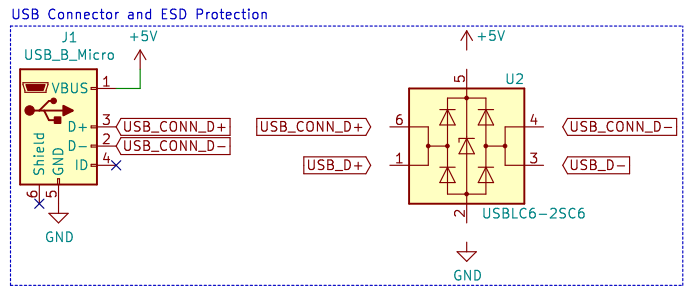
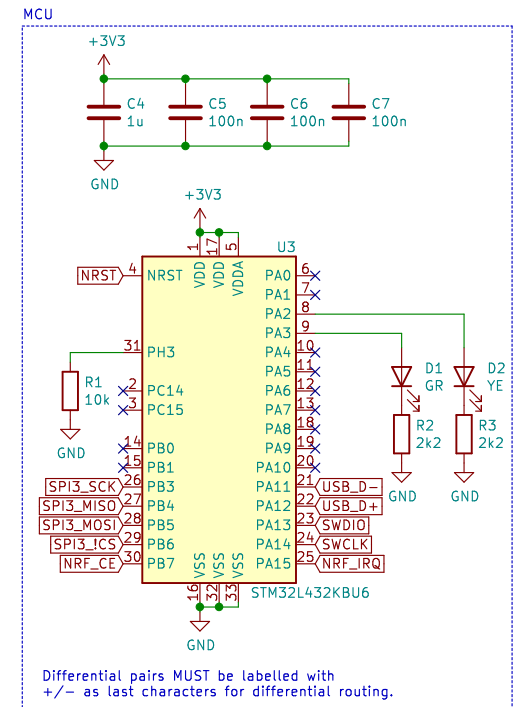
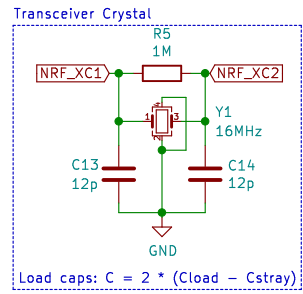


Limit USB host-side cap to <= 10uF to ensure we're not hitting maximum in-rush current when device is attached.  
See: <http://www.ti.com/lit/an/slyt118/slyt118.pdf>

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.



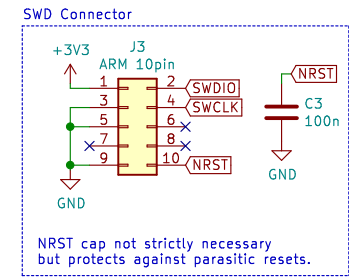
Route as 50 Ohm controlled impedance traces. Follow datasheet regarding layout. Passive antenna.



Differential pairs MUST be labelled with +/- as last characters for differential routing.

STM32L432KBU6 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)



NRST cap not strictly necessary but protects against parasitic resets.

<b>Philip Salmony</b>	
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File: STRF.sch	
<b>Title: STRF</b>	
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