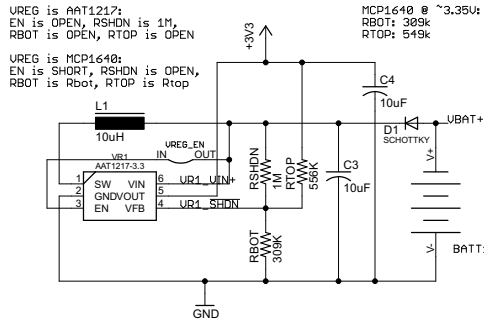


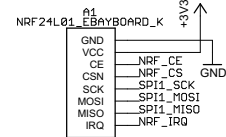
3.3V Main Regulator

Typically 0.9V - 3V input



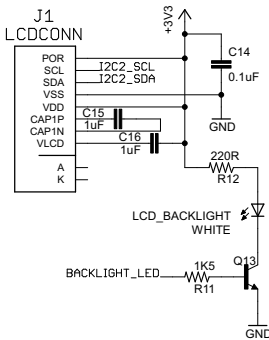
NRF24L01+ RF

Place 0.1uF cap directly on board
between VCC and GND (maybe?)

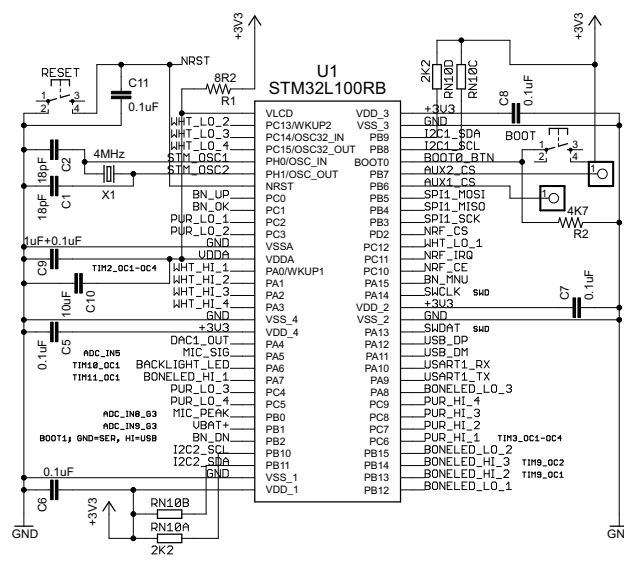


LCD

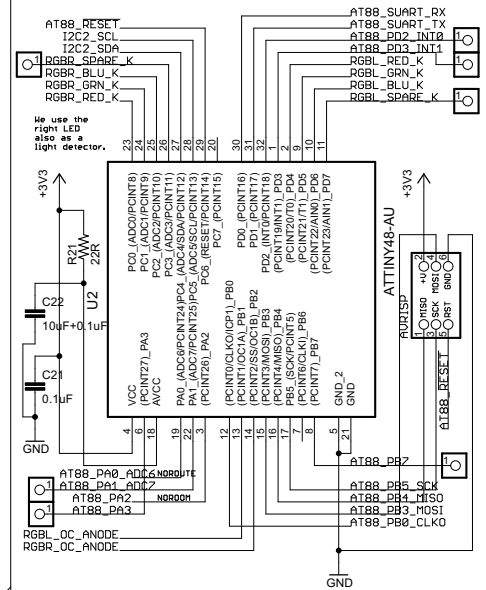
Make sure POR/VCC trace
is cuttable!



Main MCU

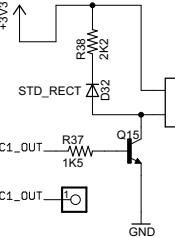
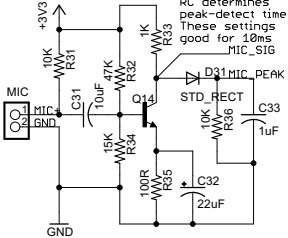


Sub MCU

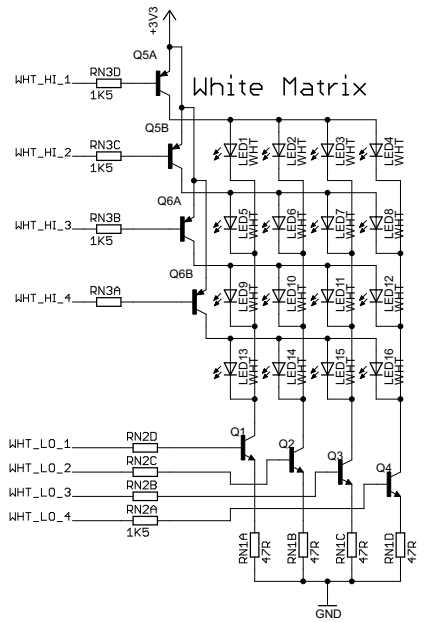


Microphone

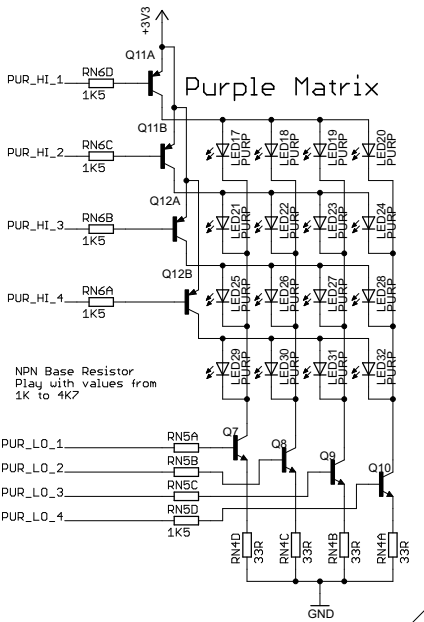
EM Sounder



White Matrix

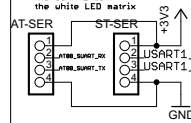


Purple Matrix



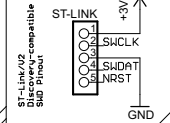
USART

Used for Bootloader



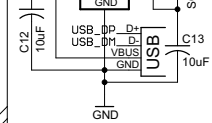
SWD

Debugging

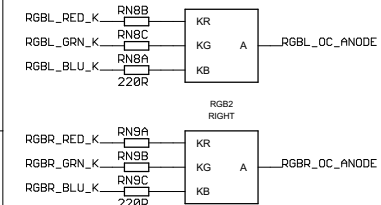


USB

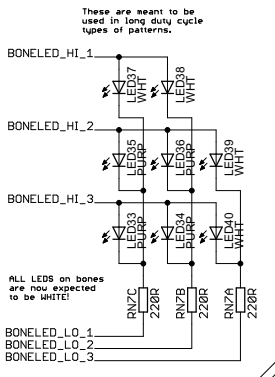
VR2 LP2950



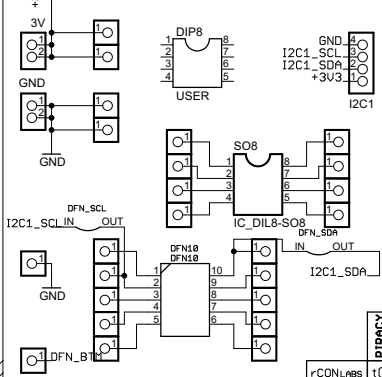
Eyes RGBLED



Bones LEDs



Misc Breakouts



Front Panel Buttons

