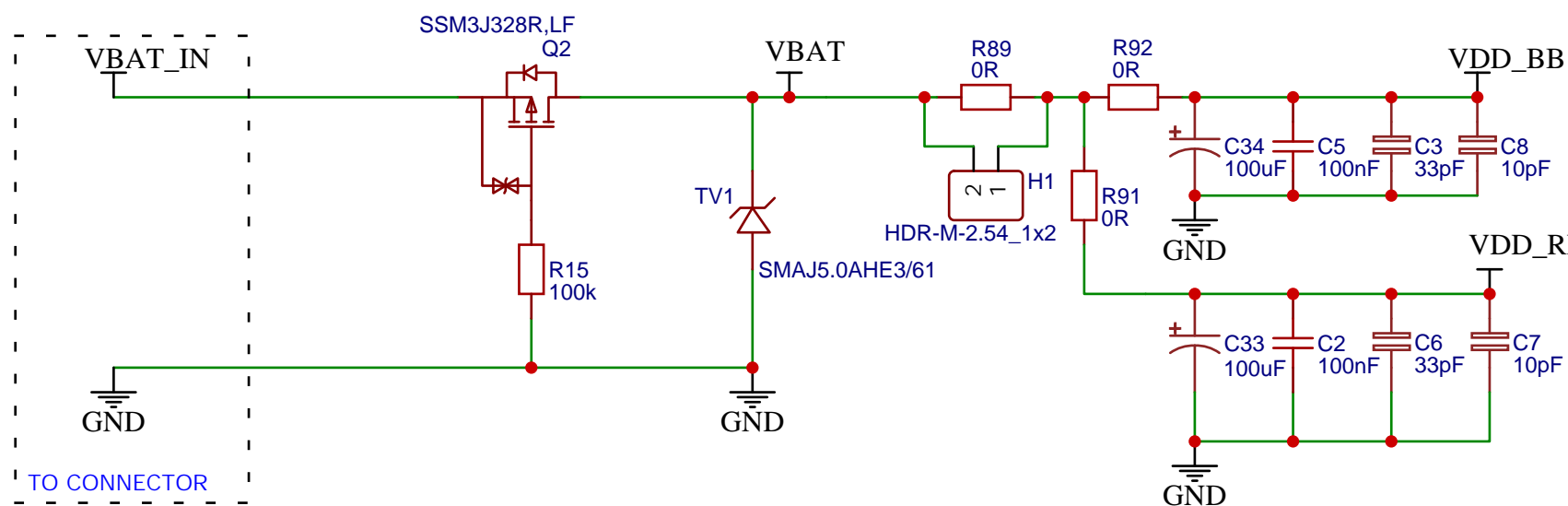
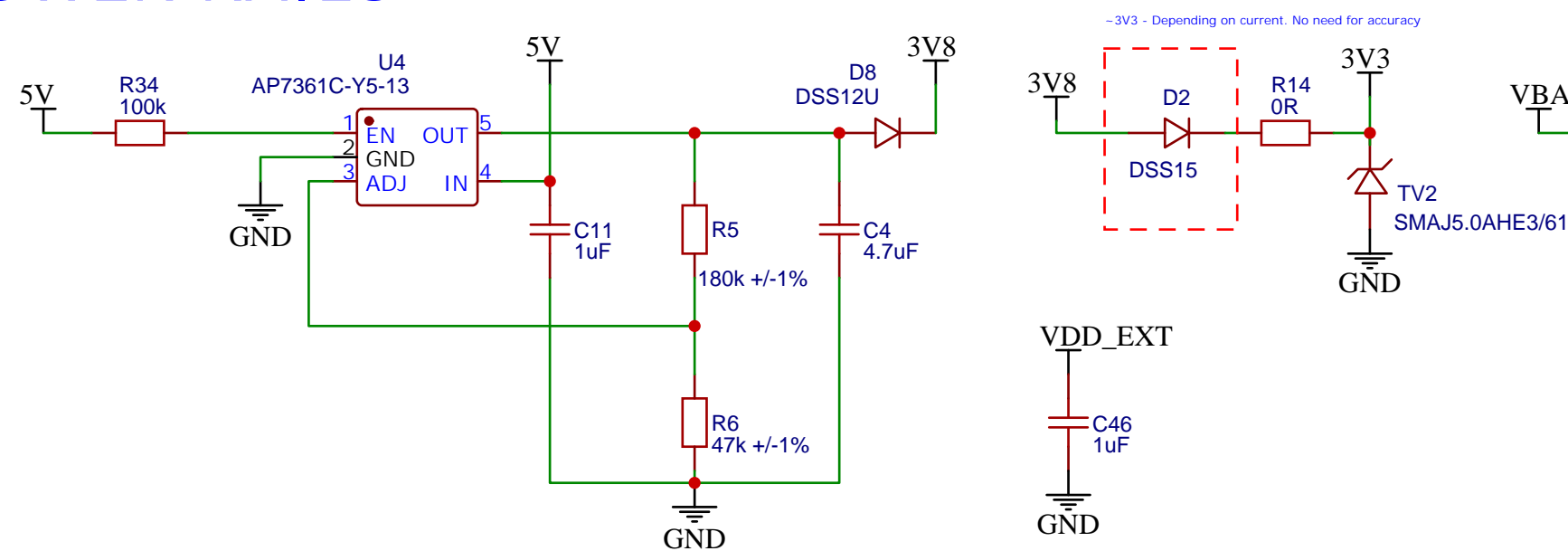


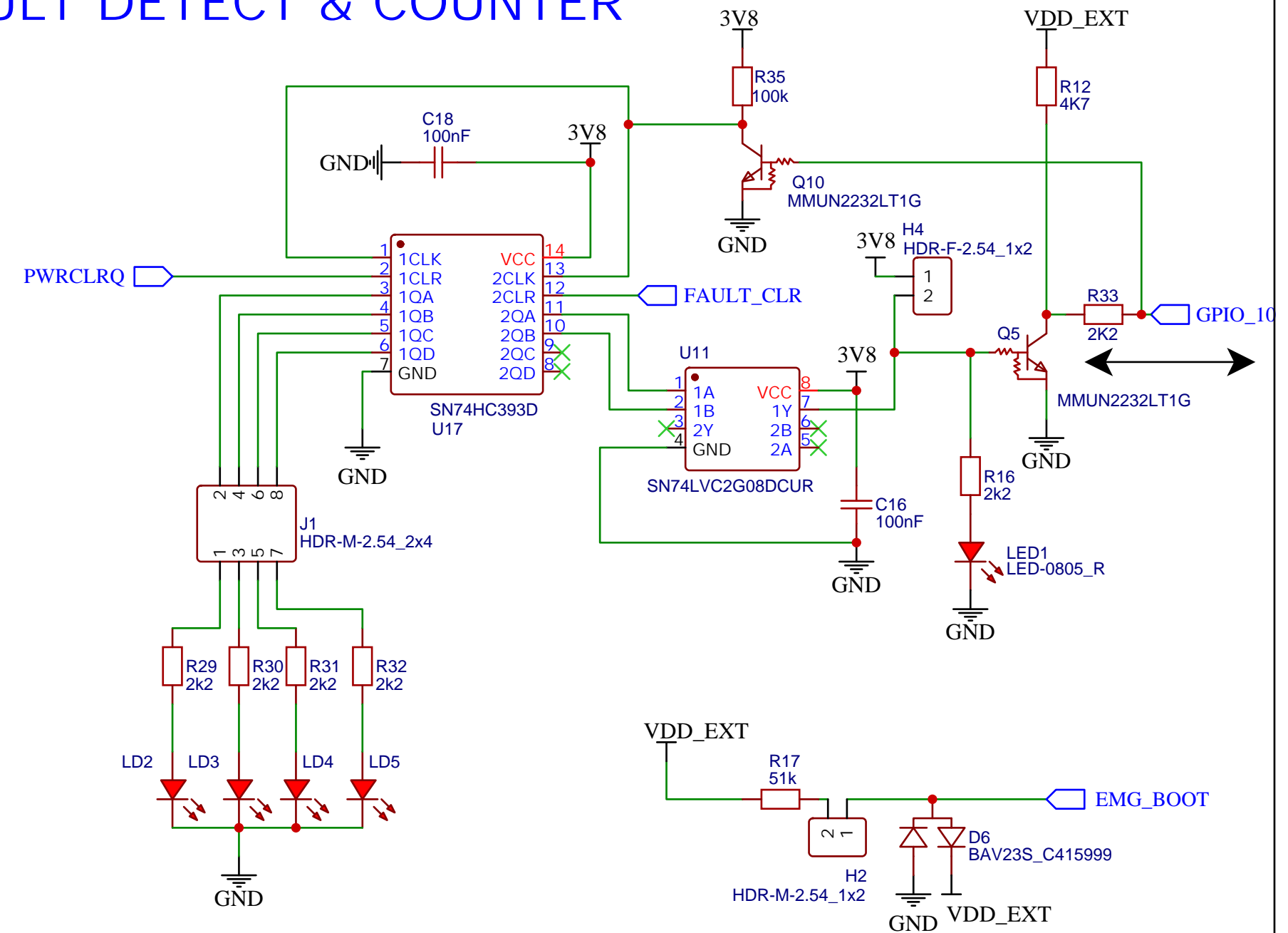
VBAT



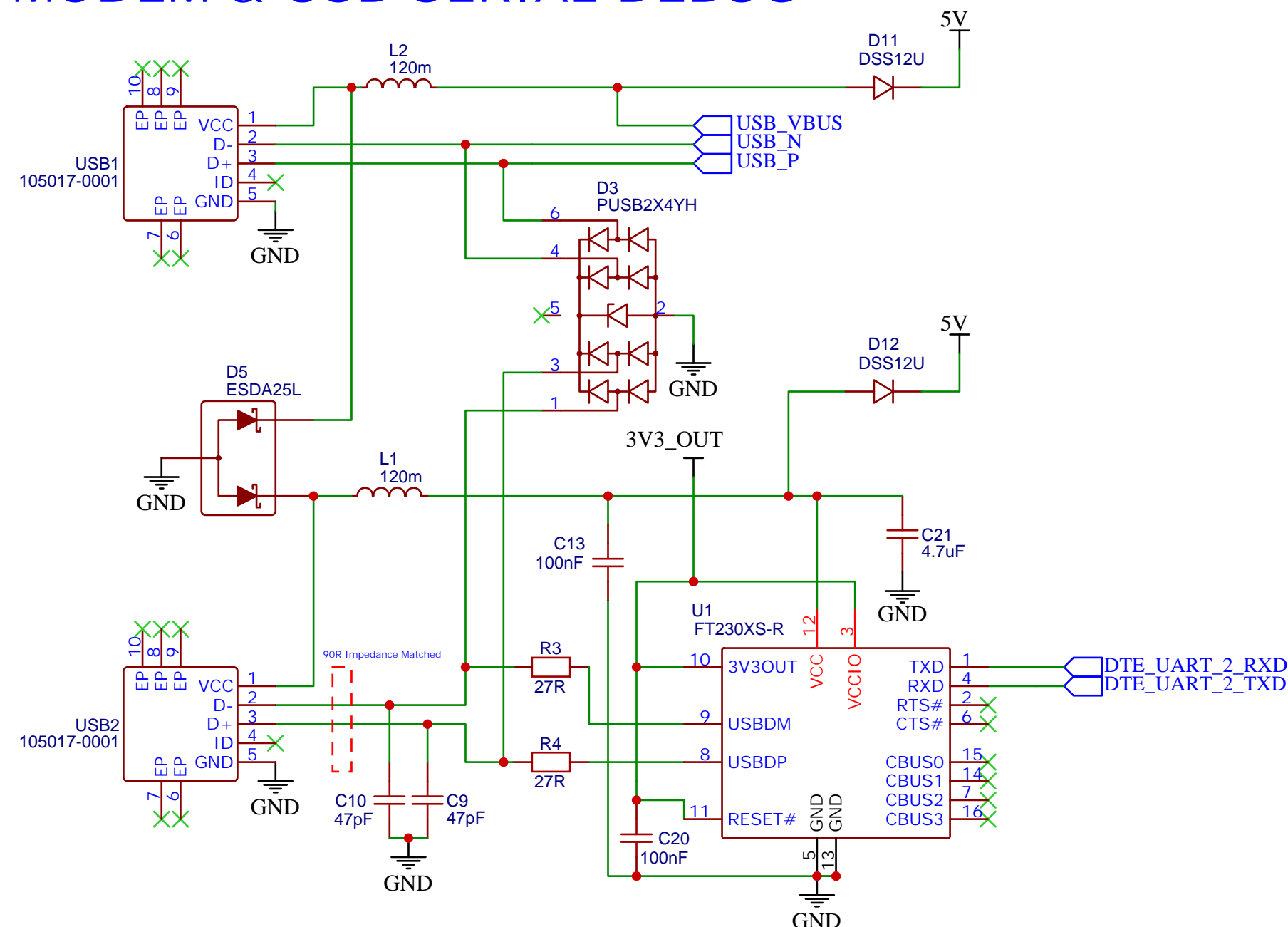
POWER RAILS



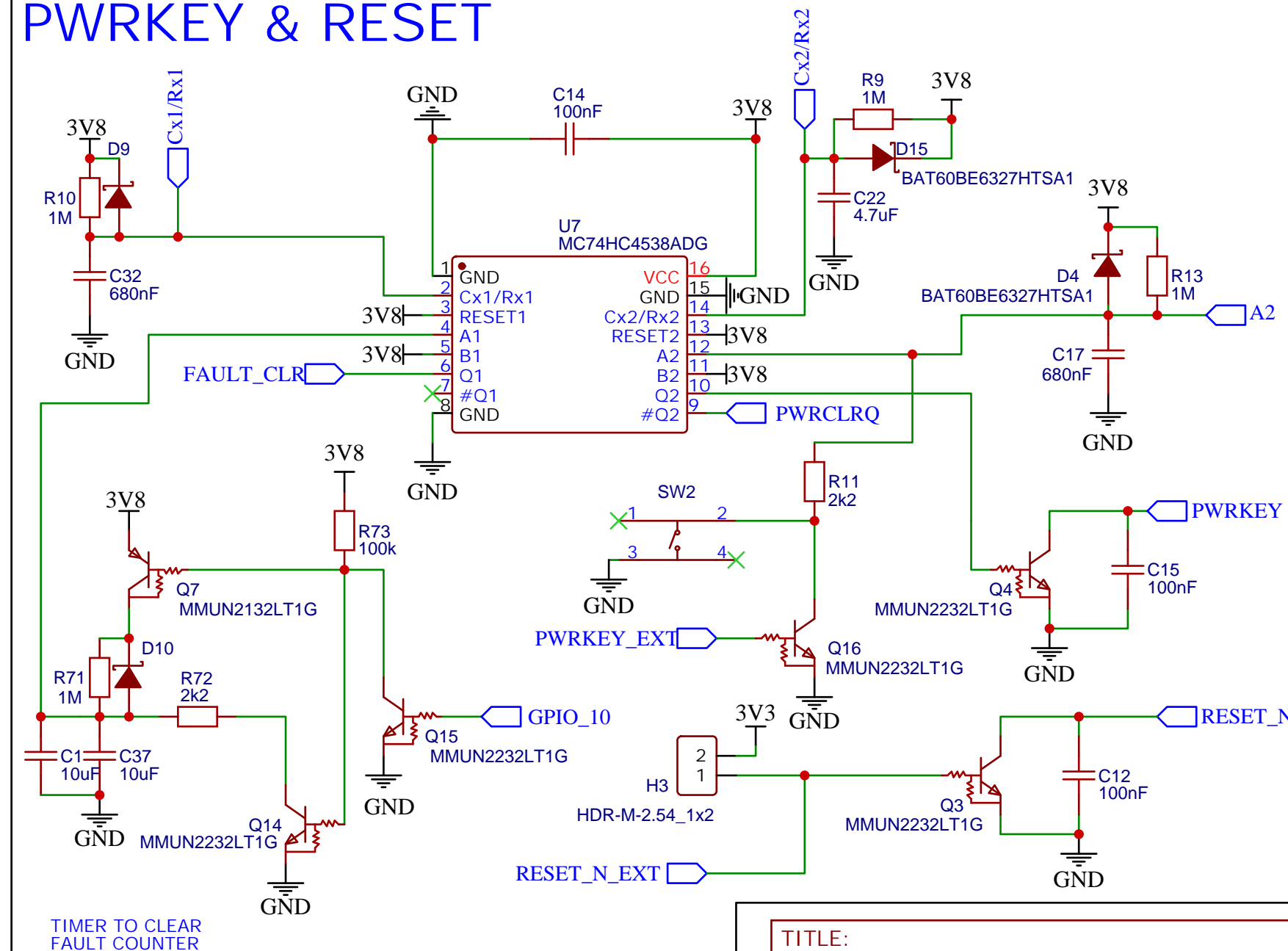
FAULT DETECT & COUNTER



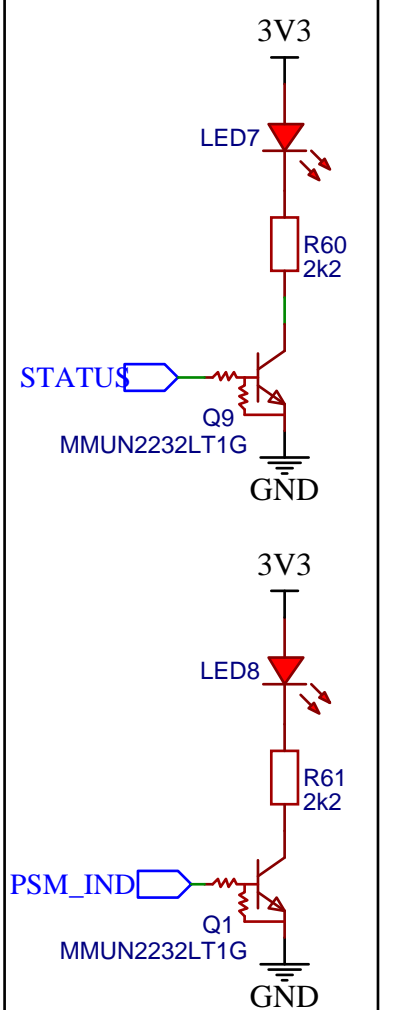
USB MODEM & USB SERIAL DEBUG



PWRKEY & RESET

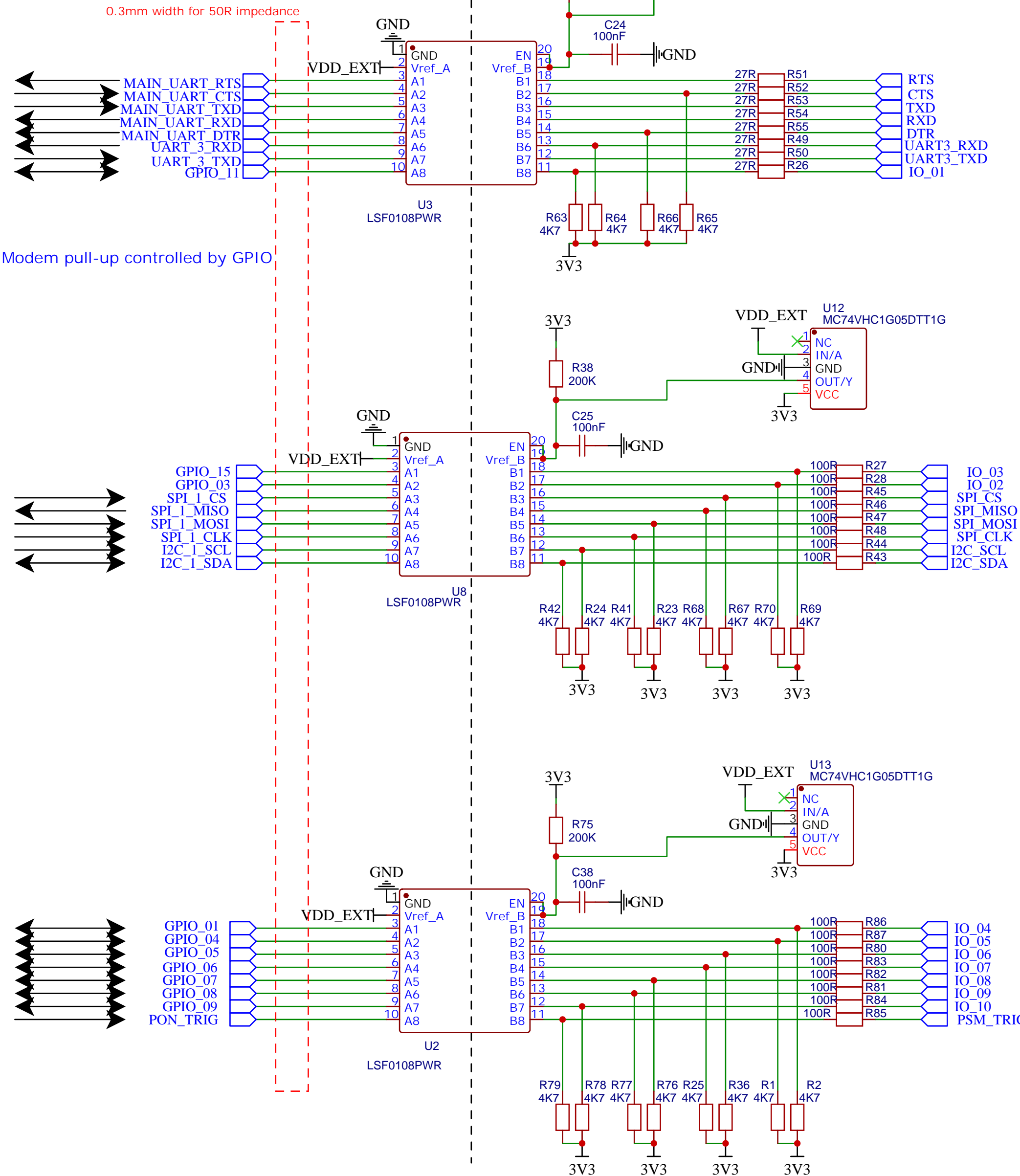


LEDS

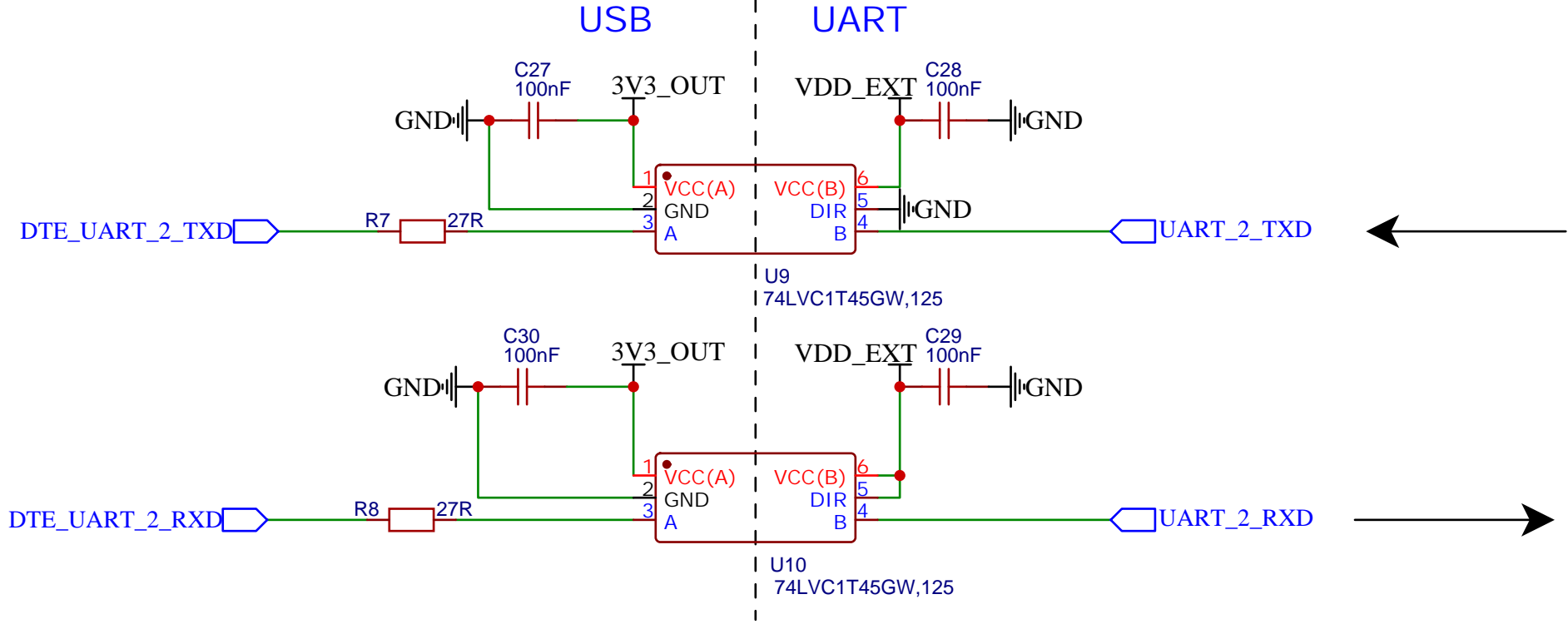


UART/SPI/I2C/GPIO

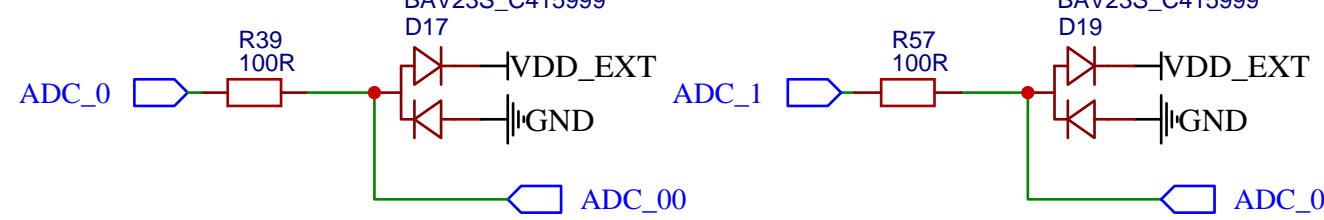
Layers: 4
Thickness: 1.6mm
Copper Top Thickness: 0.035 mm
Prepreg type: 7628
Dielectric constant: 4.6
Prepreg: 0.2 mm
Impedance: 50R
Inner Layer 1 is Ground Plane so height: 0.2mm



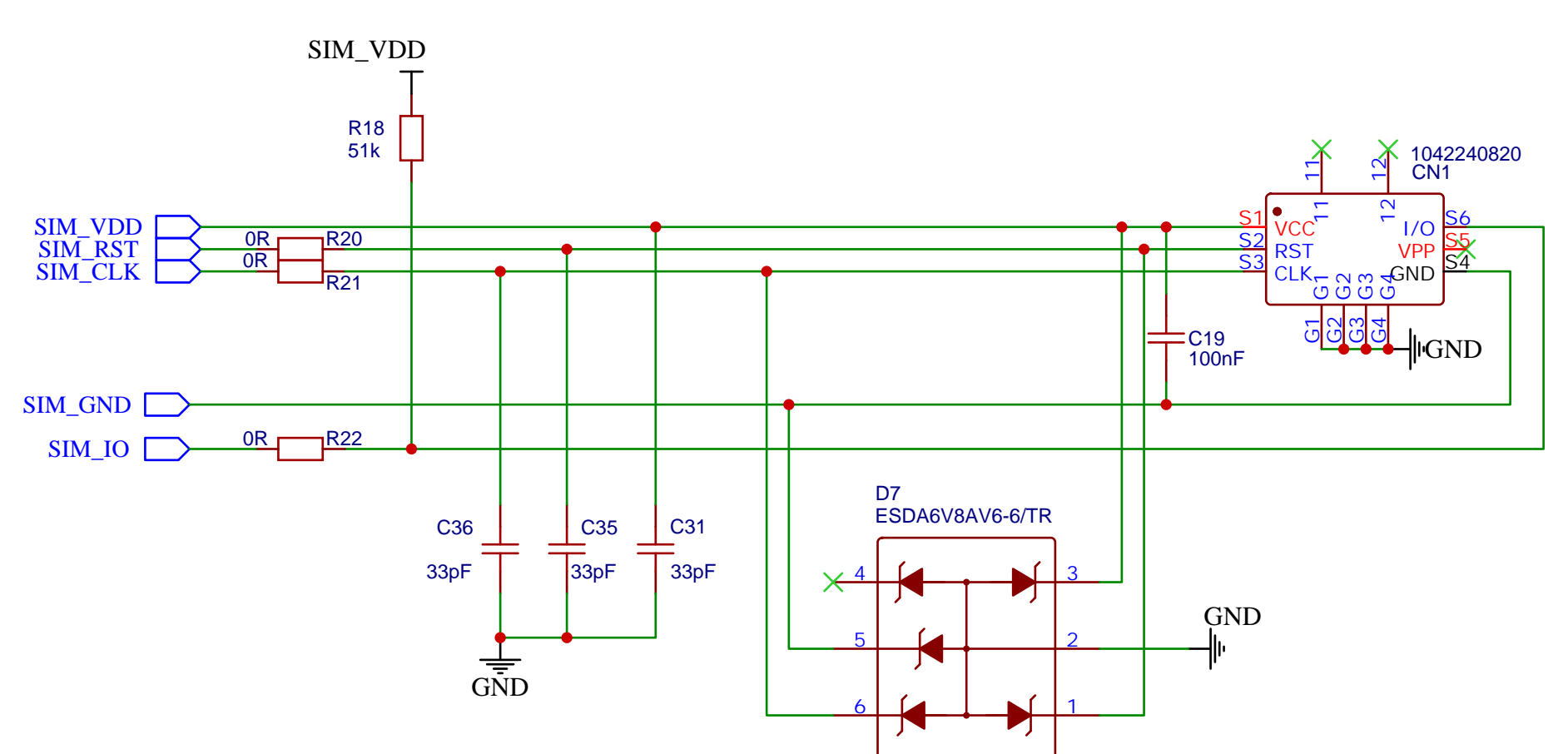
USB SERIAL



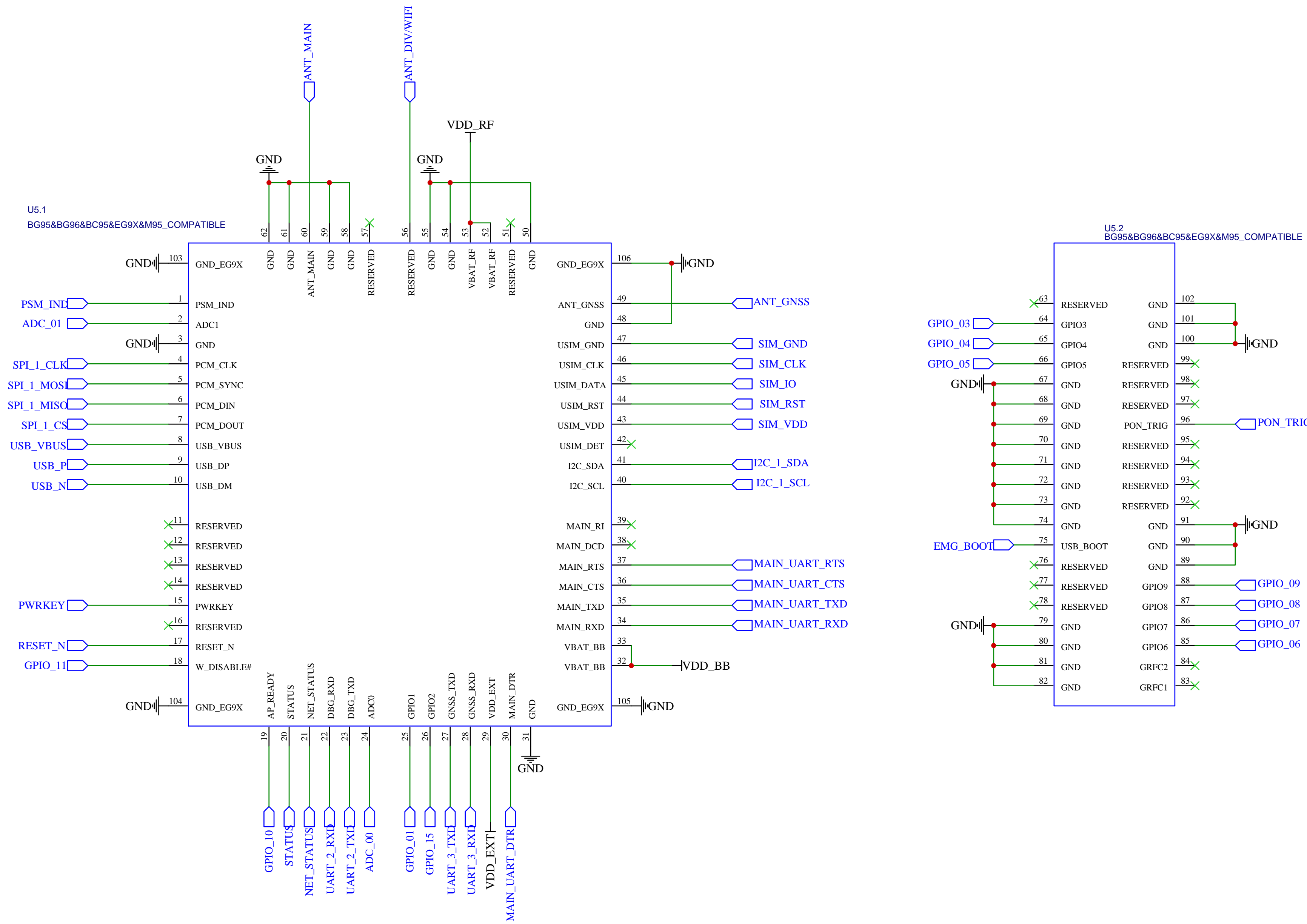
ADC



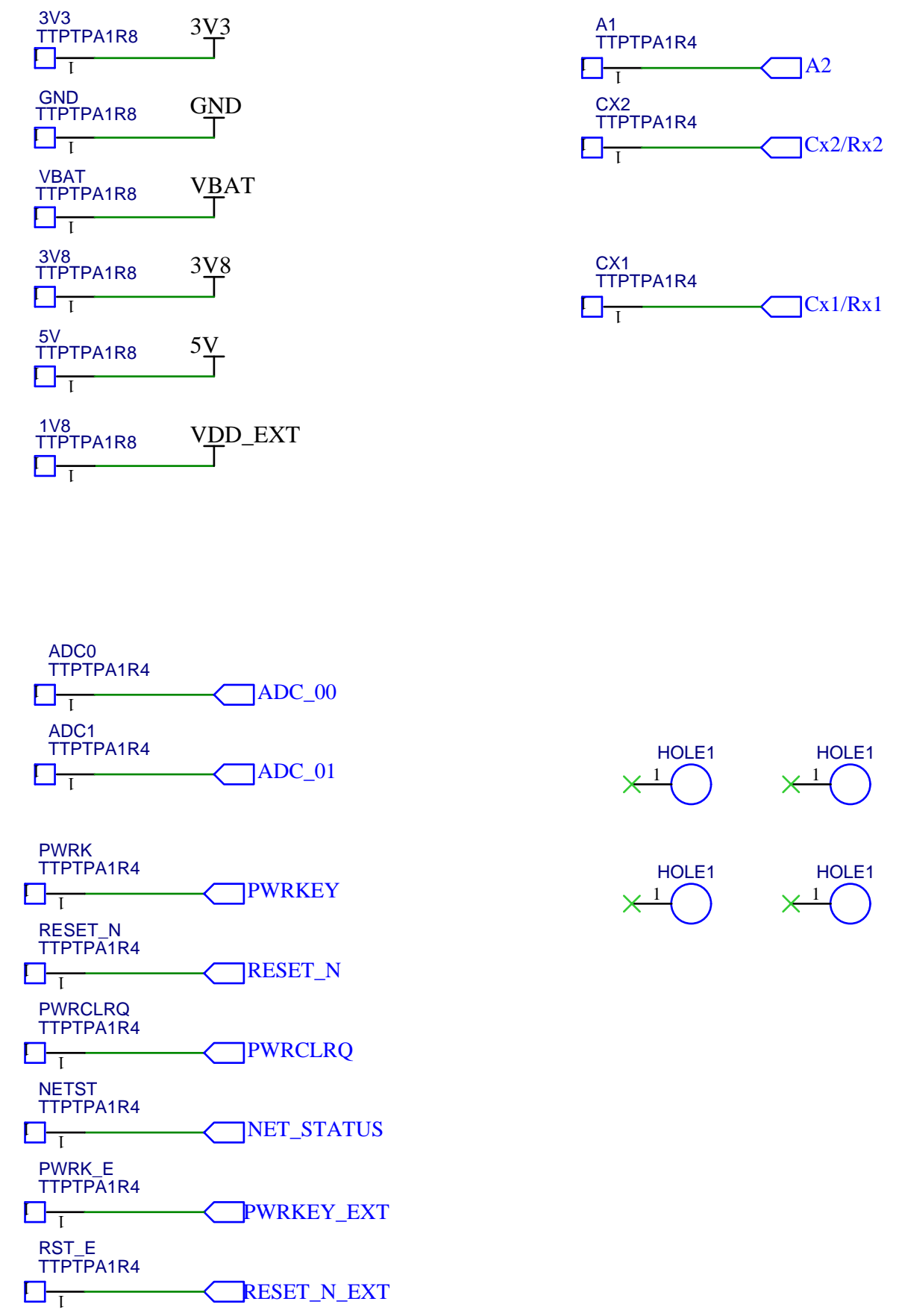
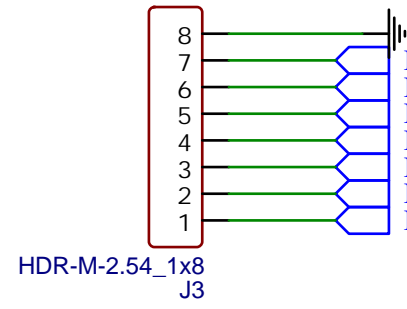
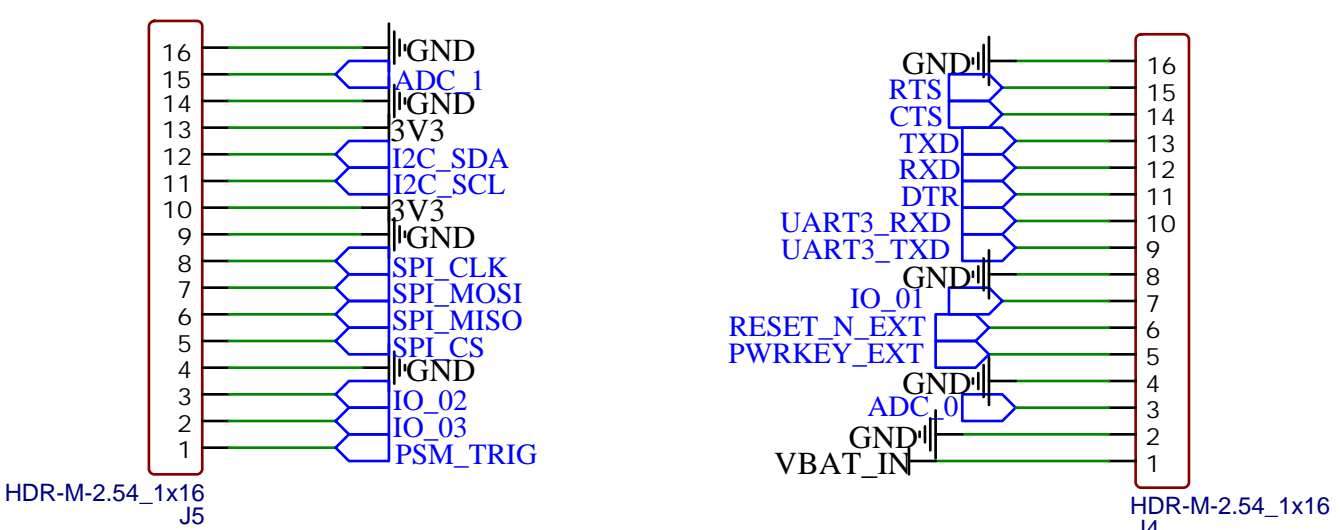
USIM



BG96/BG95/EG9*/M95



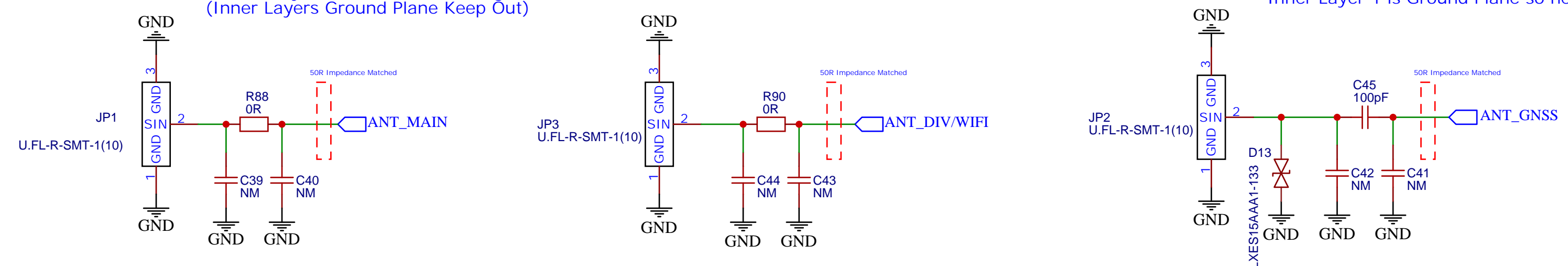
HEADER



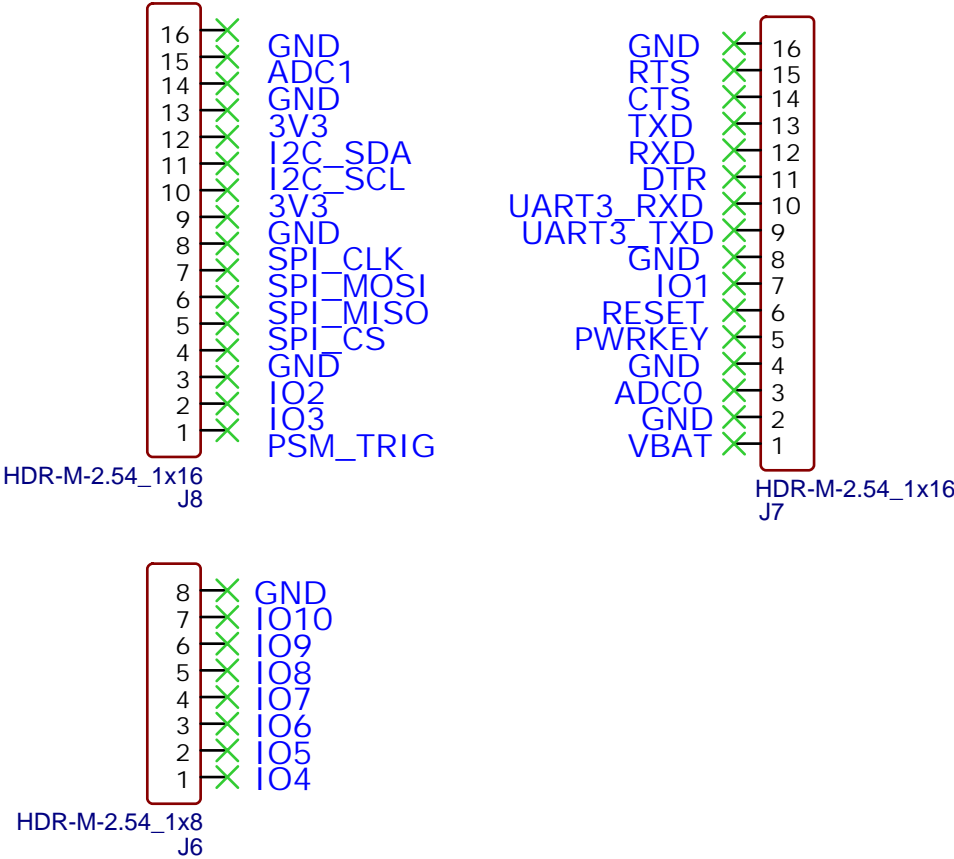
ANTENNA

Layers: 4
Thickness: 1.6mm
Copper Top Thickness: 0.035 mm
Prepreg type: 7628
Dielectric constant: 4.6
Prepreg: 0.2 mm
Impedance: 50R
Bottom Layer Ground Plane so height: 1.6mm
(Inner Layers Ground Plane Keep Out)

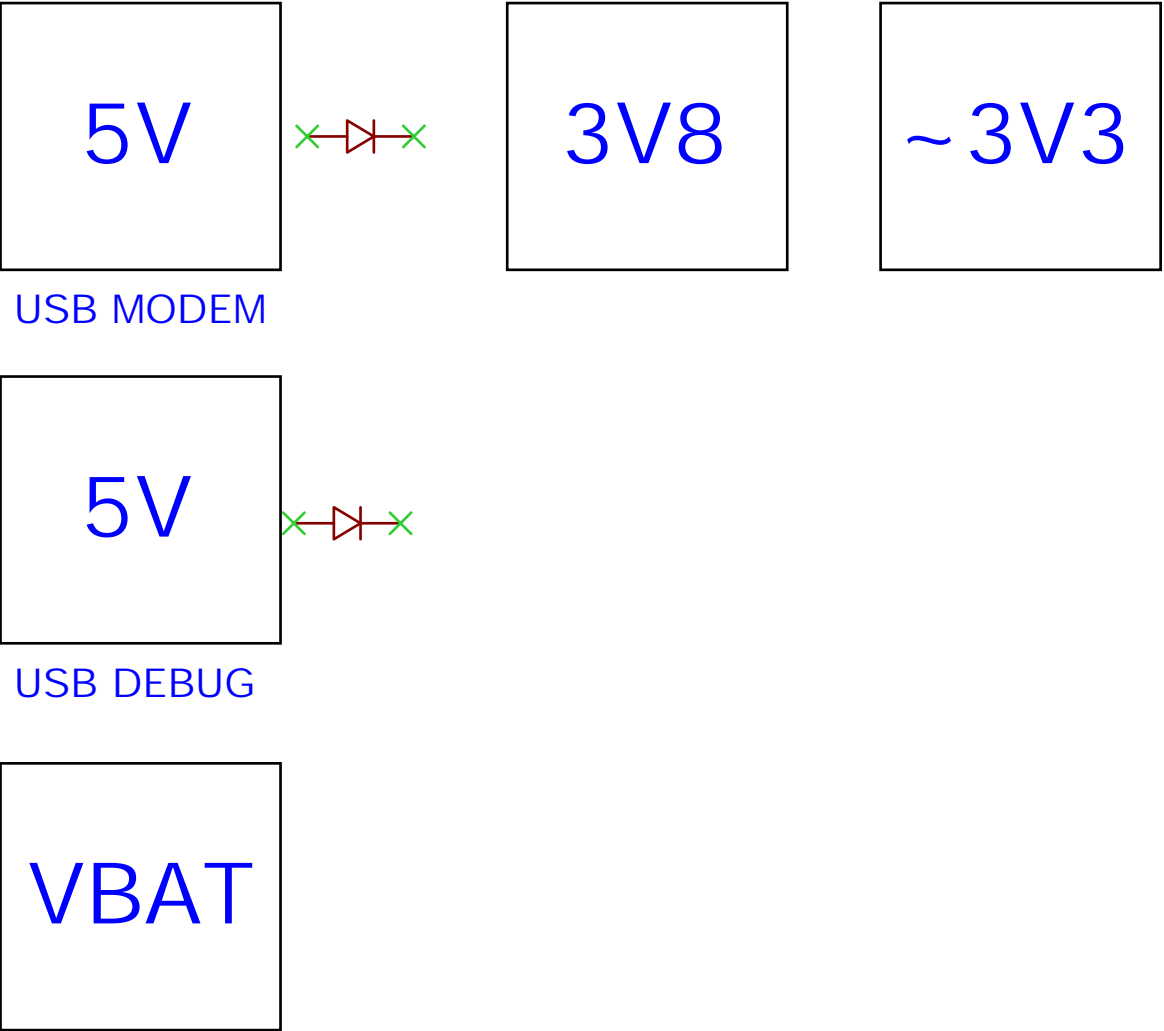
Layers: 4
Thickness: 1.6mm
Copper Top Thickness: 0.035 mm
Prepreg type: 7628
Dielectric constant: 4.6
Prepreg: 0.2 mm
Impedance: 50R
Inner Layer 1 is Ground Plane so height: 0.2mm



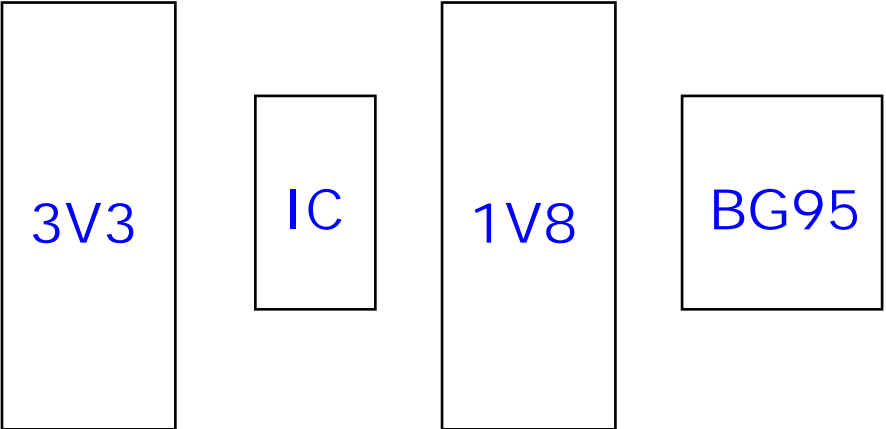
HEADER



RAILS



PERIPHERALS



All exposed I/O's are protected

TITLE: SingleFin RevB - Block Diagram		REV: 1.0
EasyEDA	Company: NOOMIO	Sheet: 1/1
	Date: 2021-02-23	Drawn By: noomio