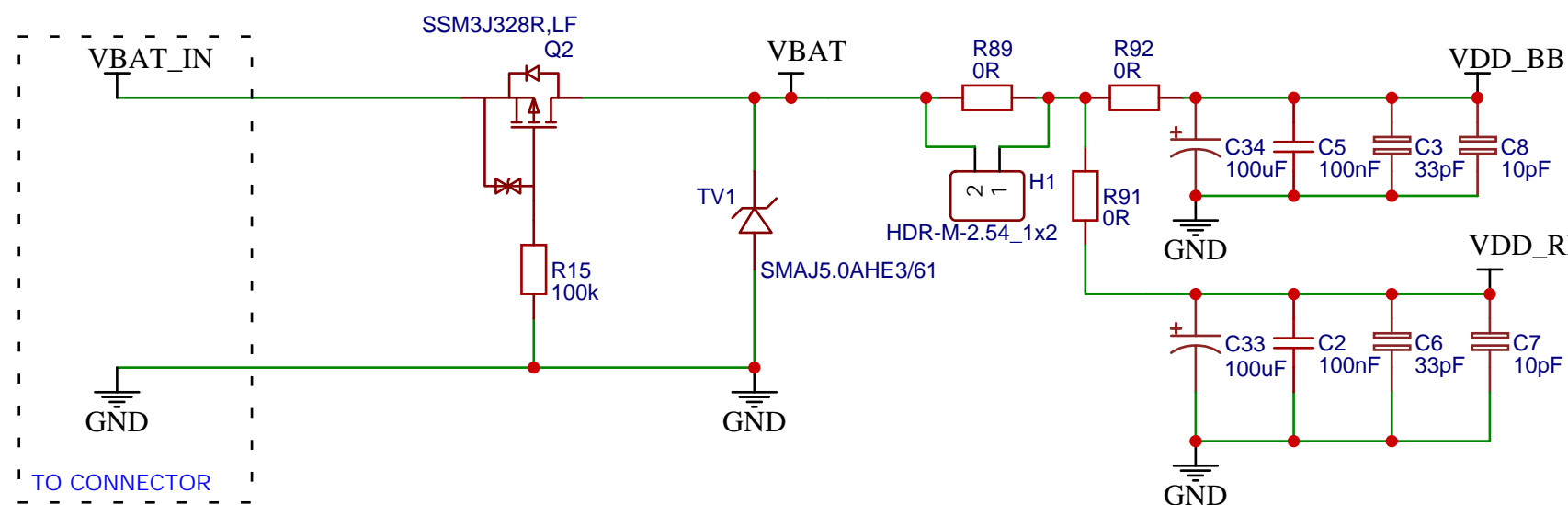
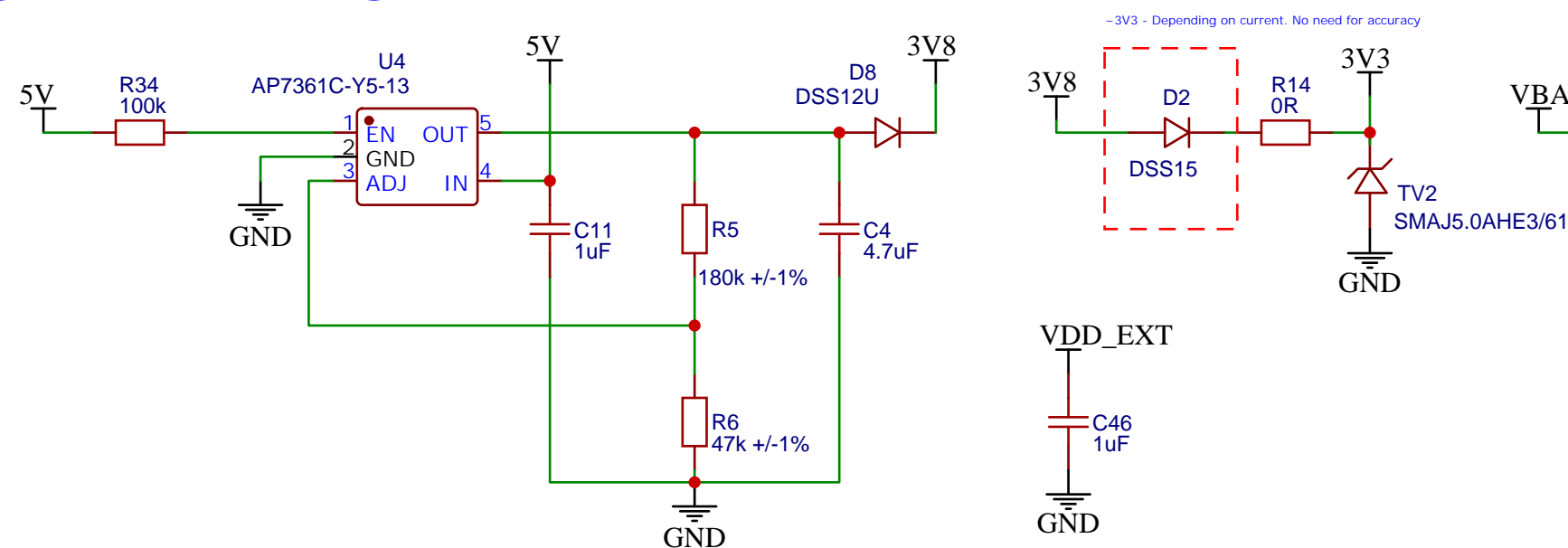


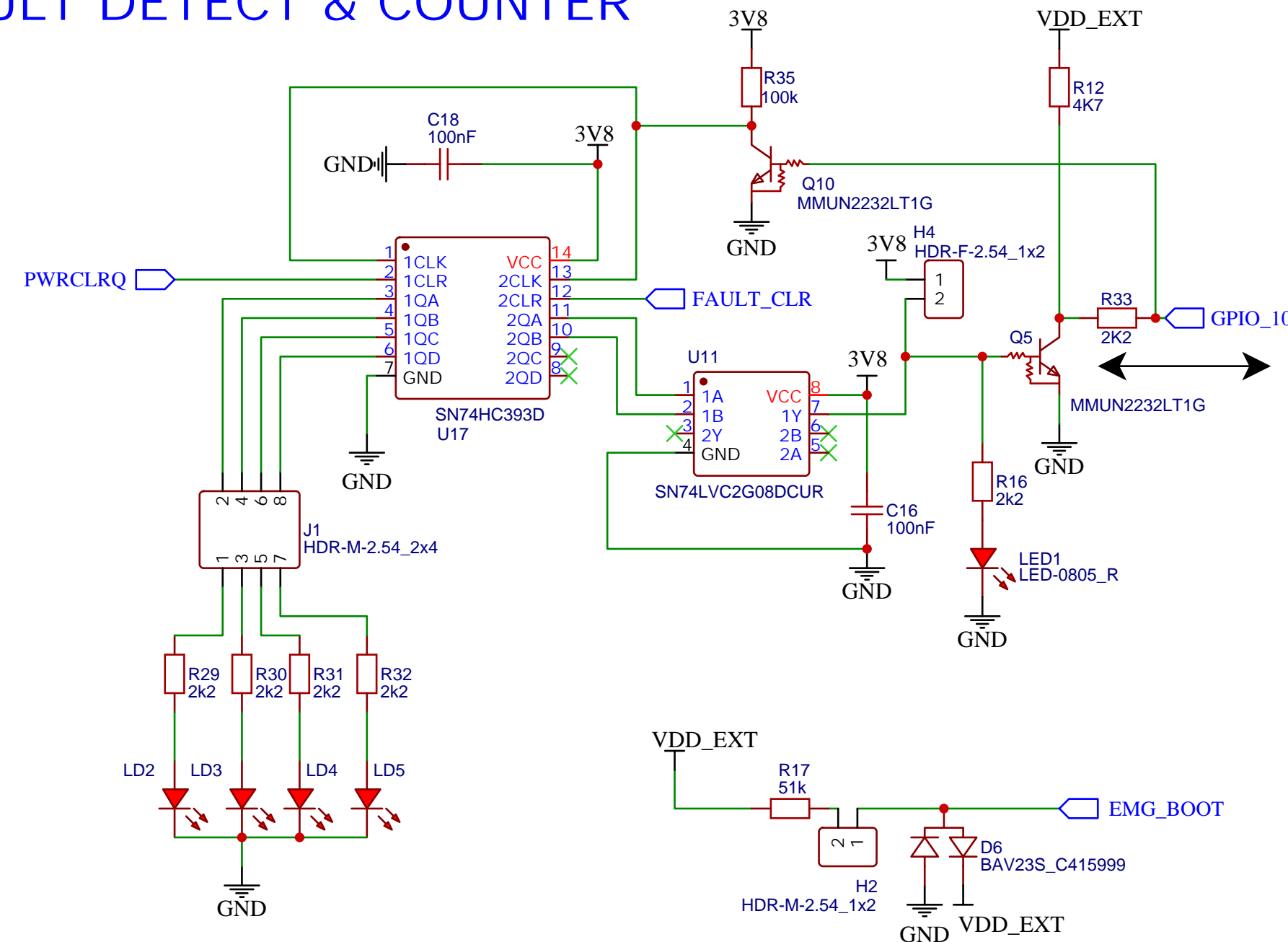
## VBAT



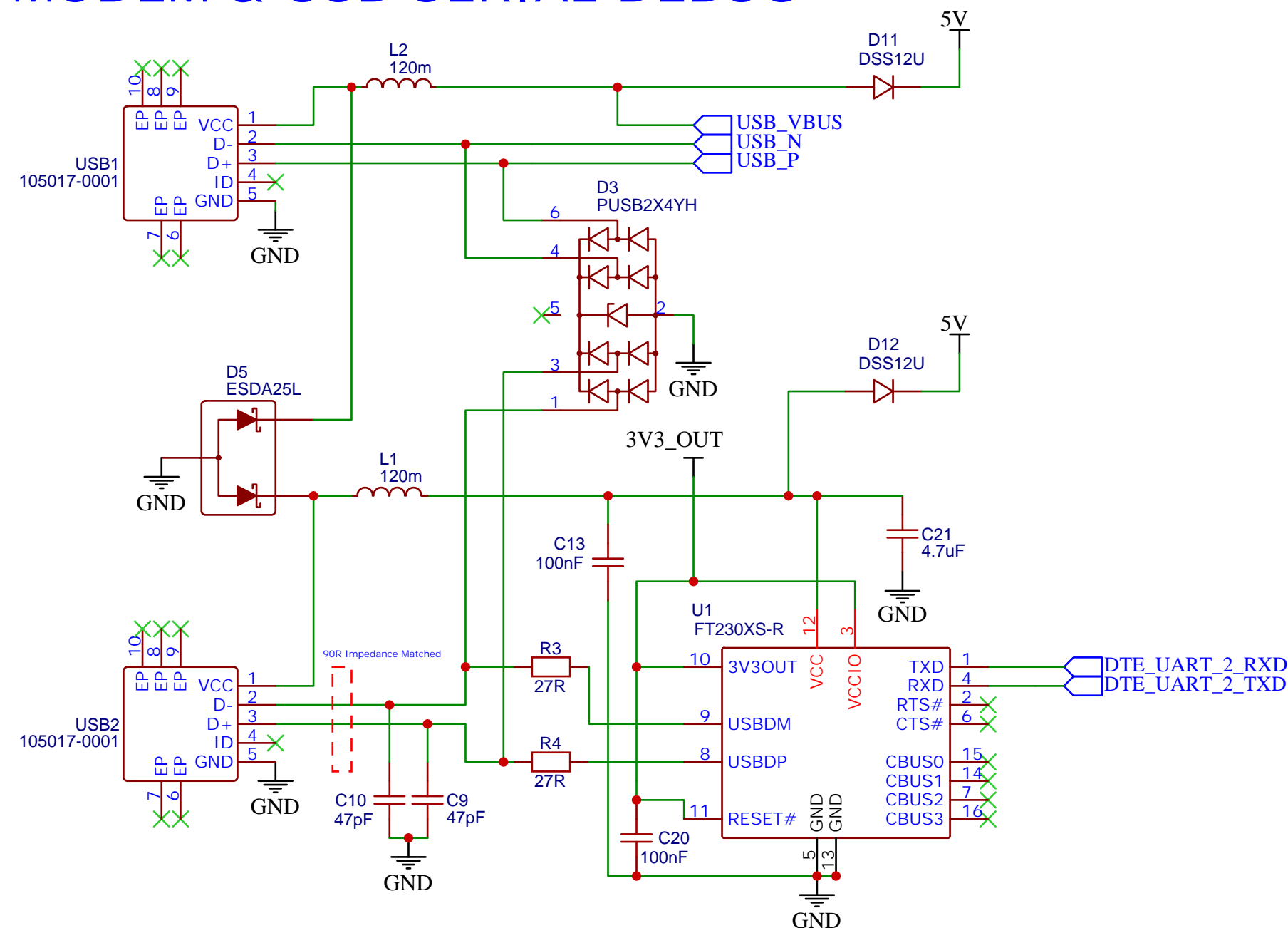
## POWER RAILS



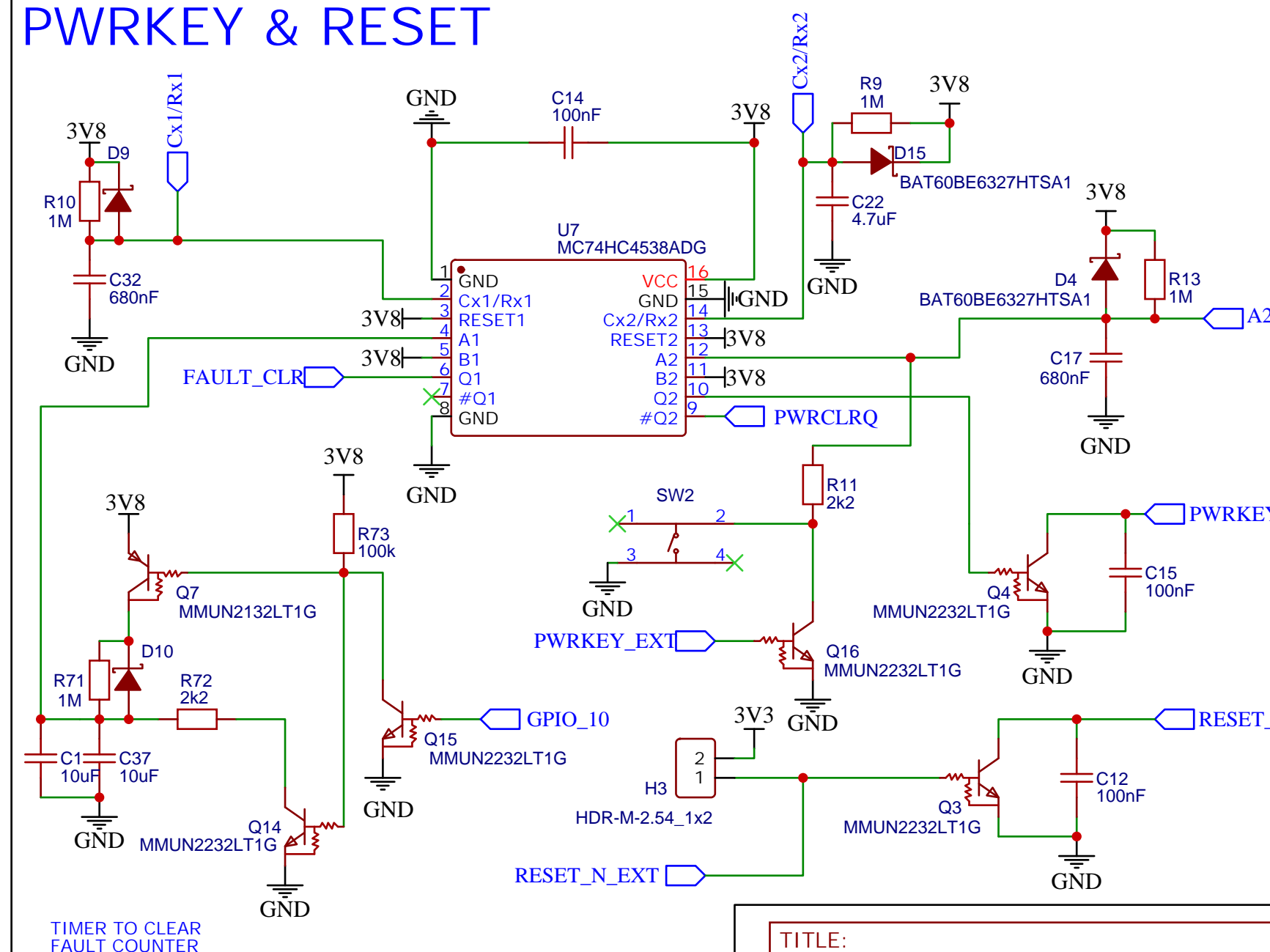
## FAULT DETECT & COUNTER



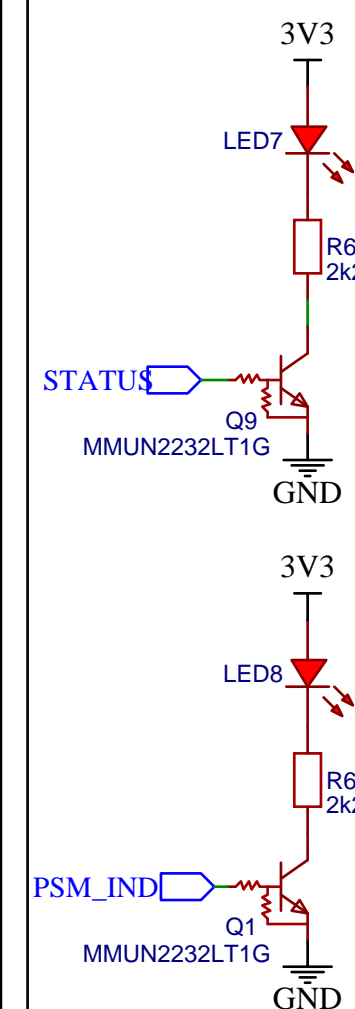
## USB MODEM & USB SERIAL DEBUG



## PWRKEY & RESET

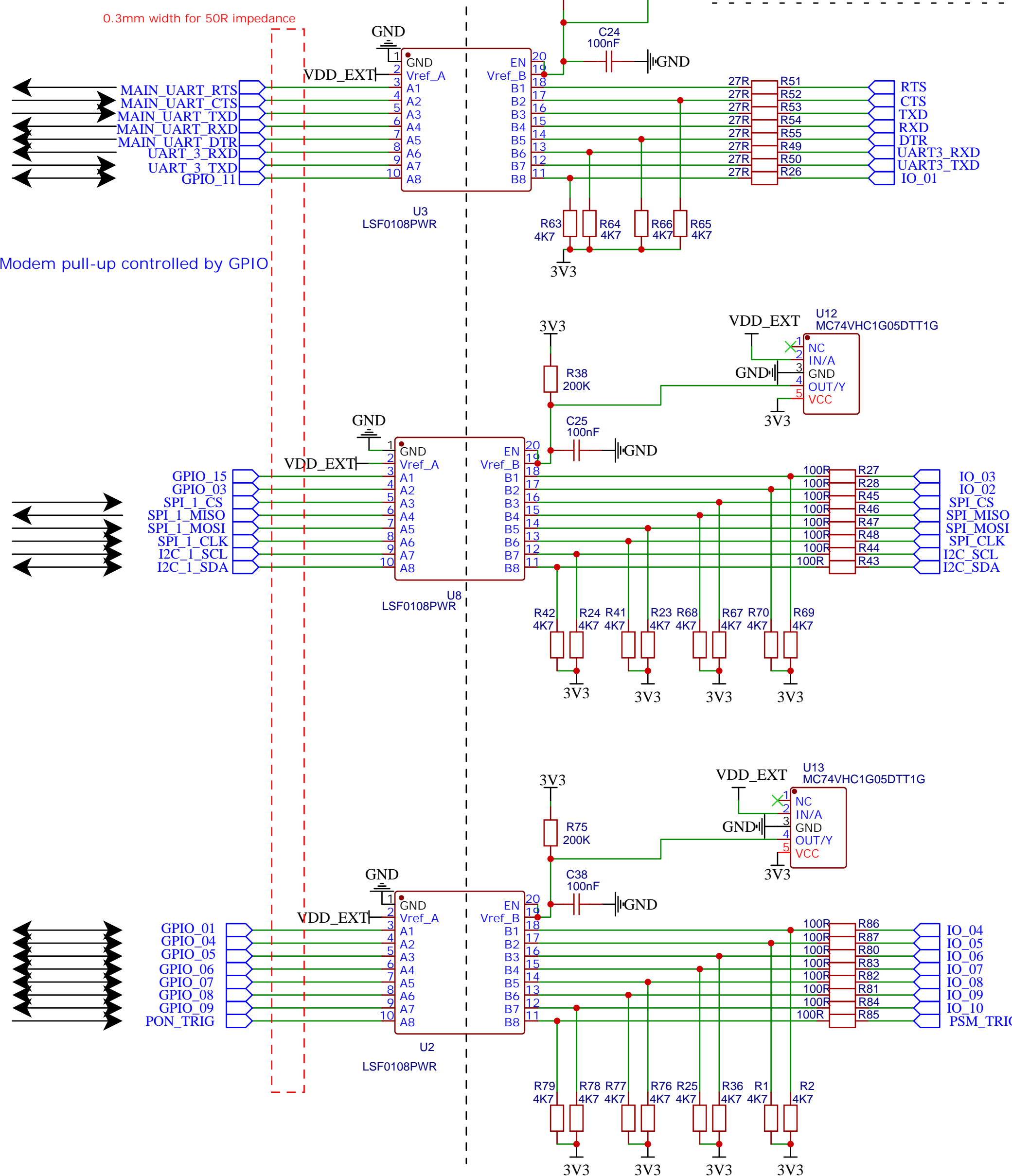


## LEDS

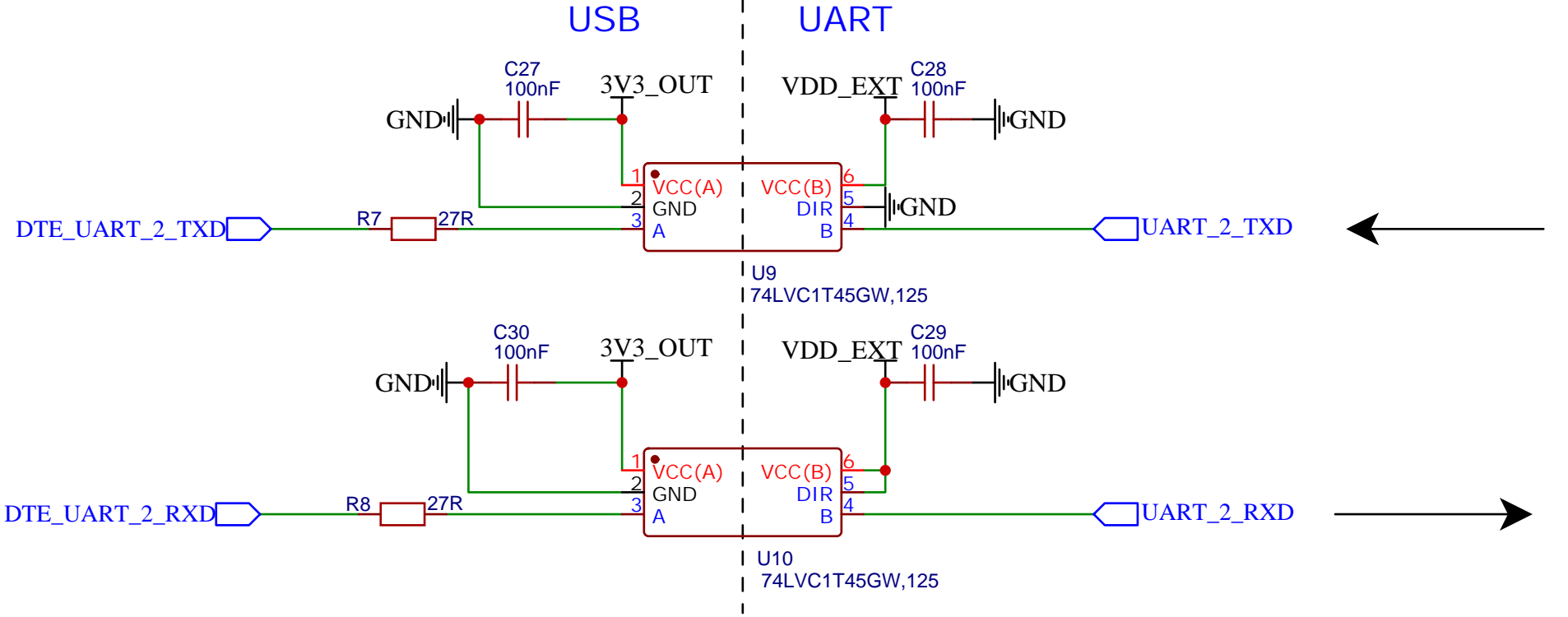


UART/SPI/I2C/GPIO

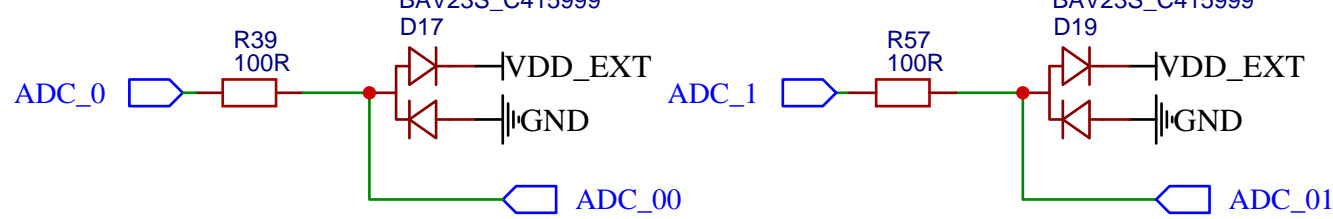
Layers: 4  
Thickness: 1.6mm  
Copper Top Thickness: 0.035 mm  
Prepreg type: 7628  
Dielectric constant: 4.6  
Prepreg: 0.2 mm  
Impedance: 50R  
Inner Layer 1 is Ground Plane so height: 0.2mm



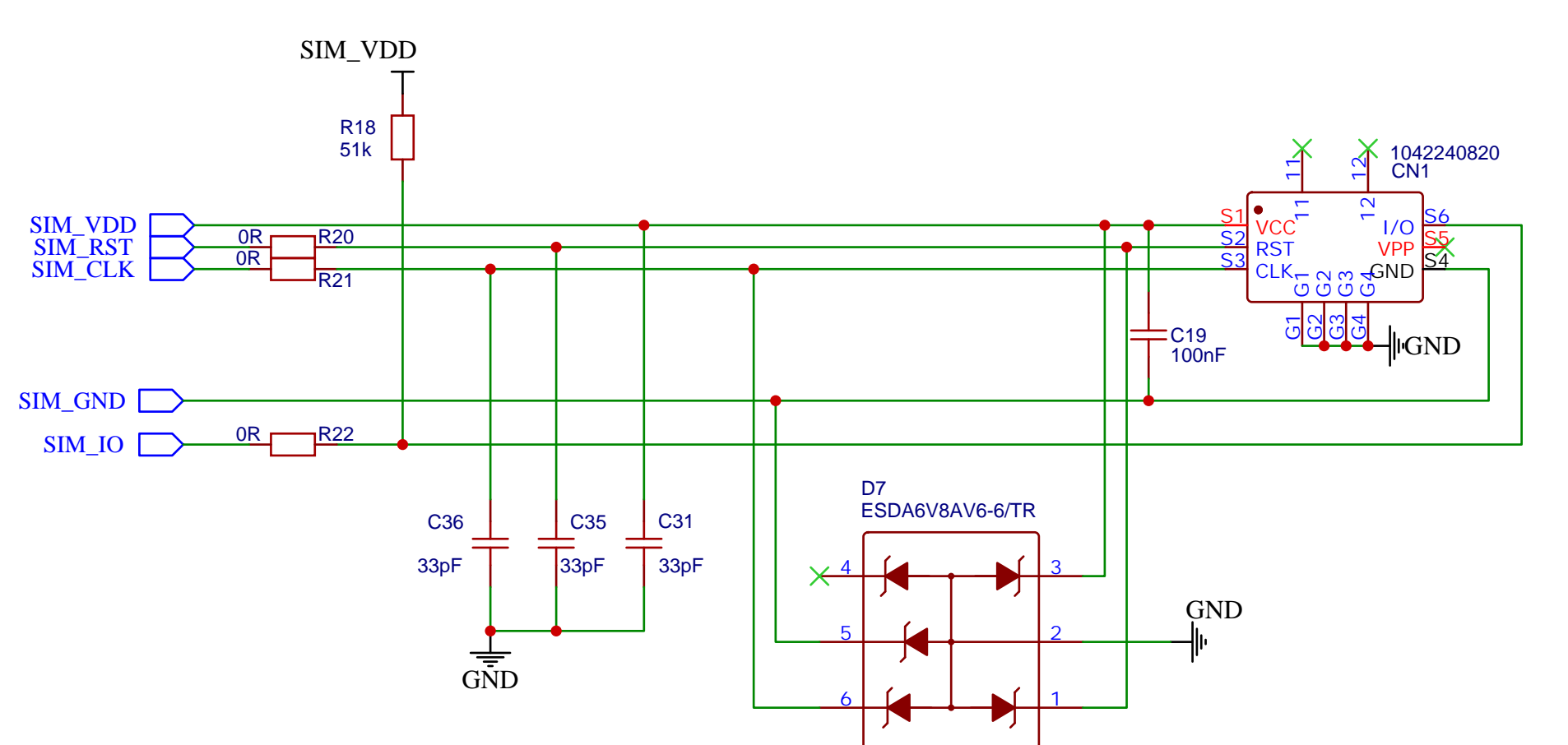
USB SERIAL



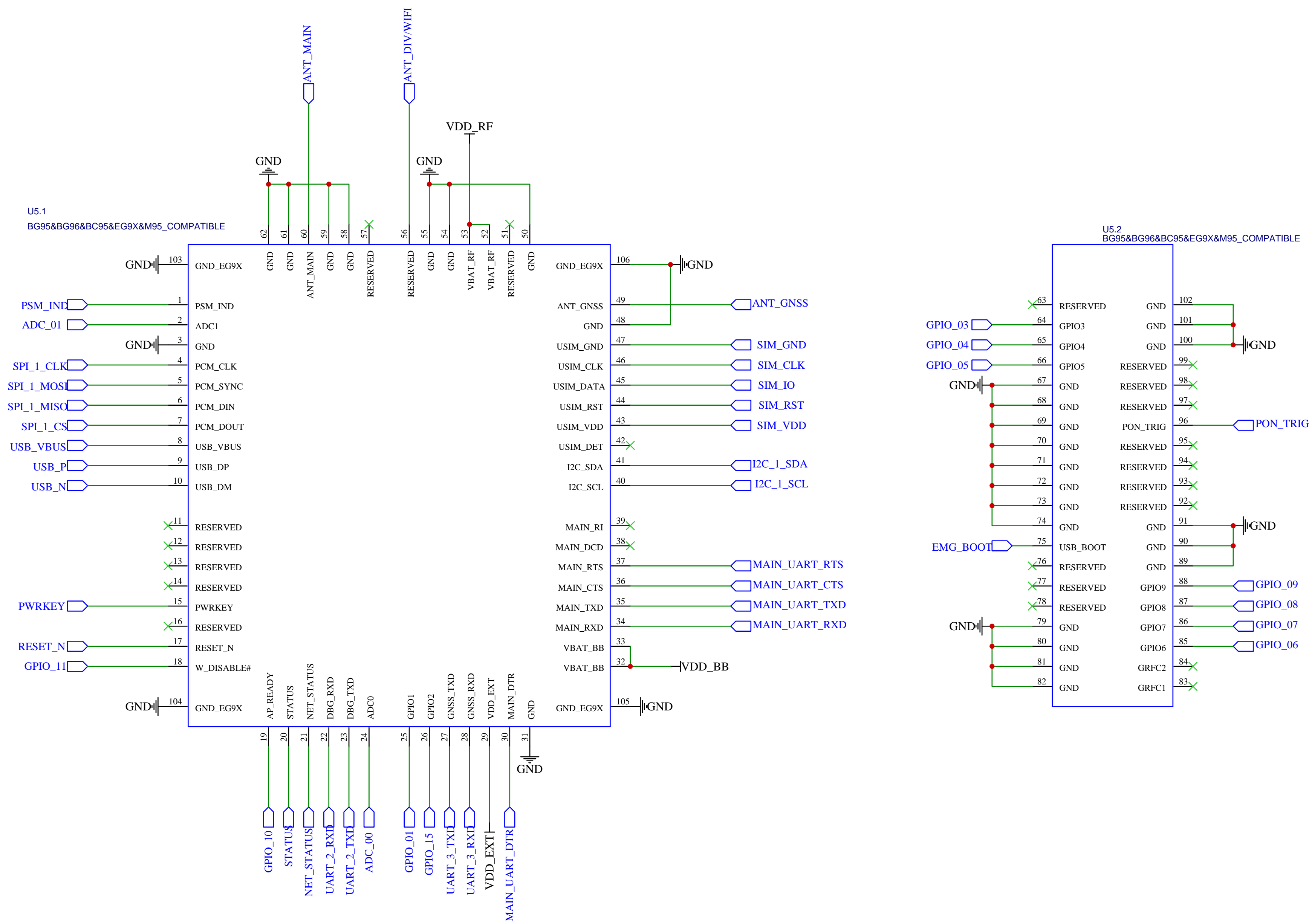
ADC



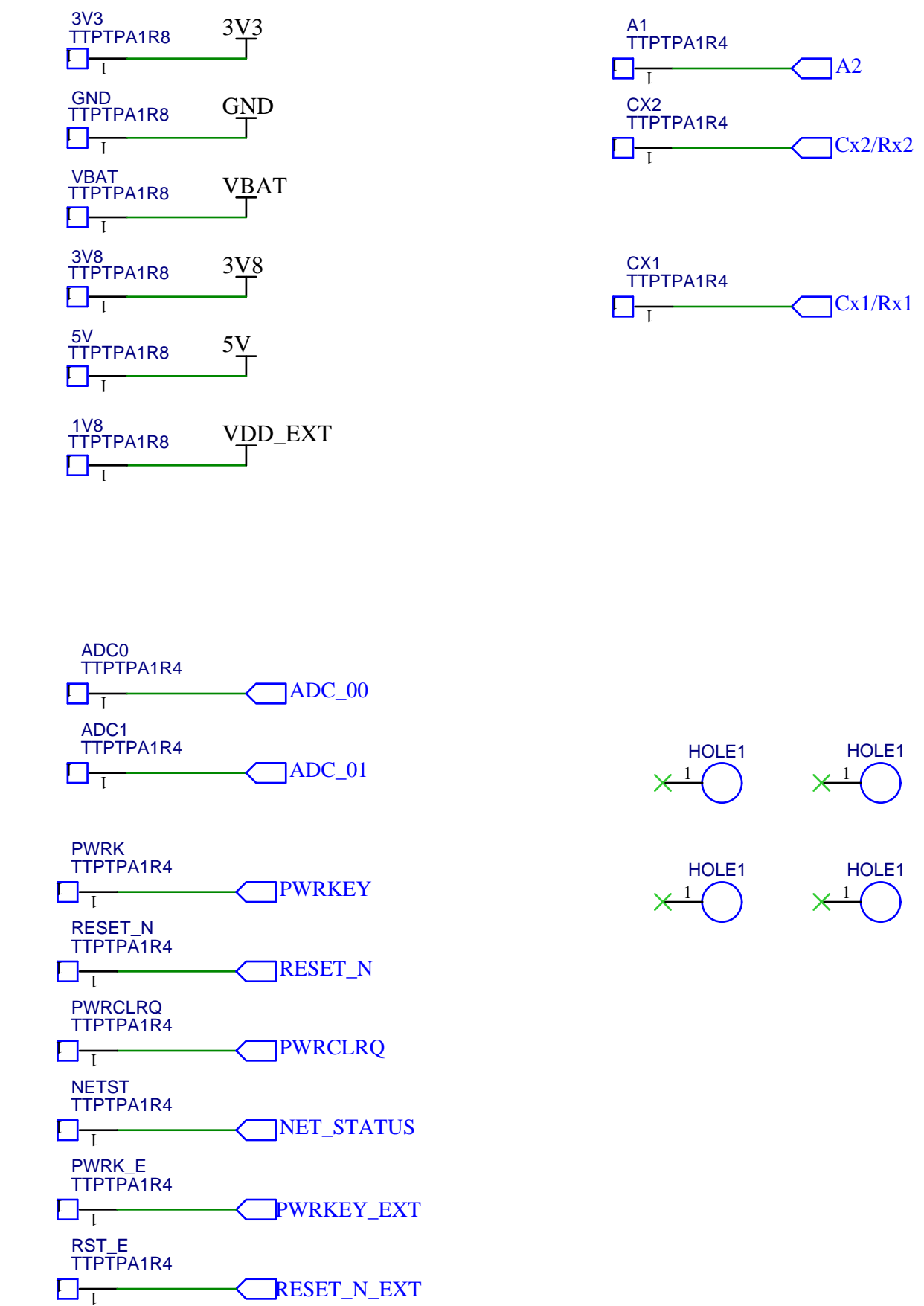
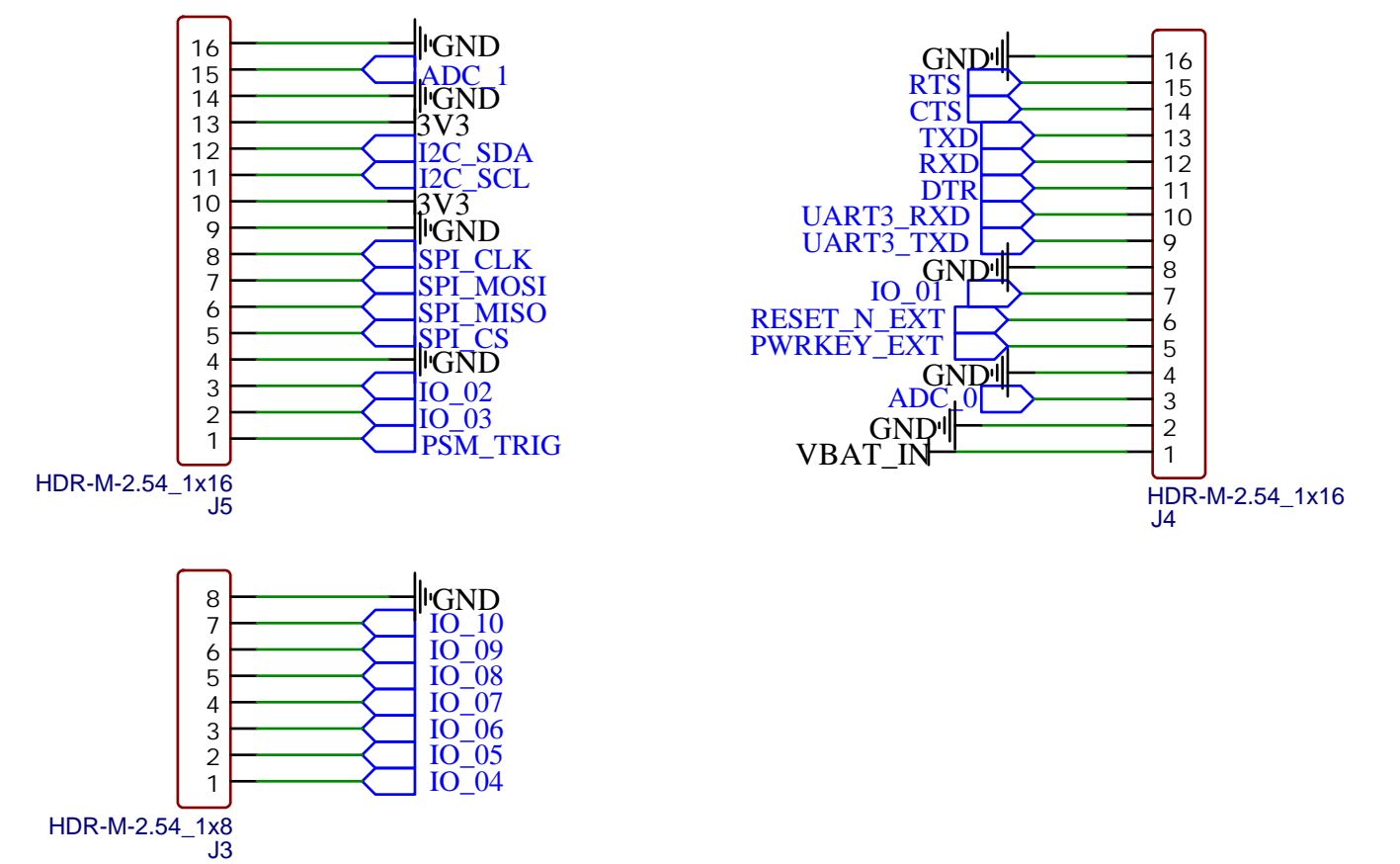
USIM



BG96/BG95/EG9\*/M95

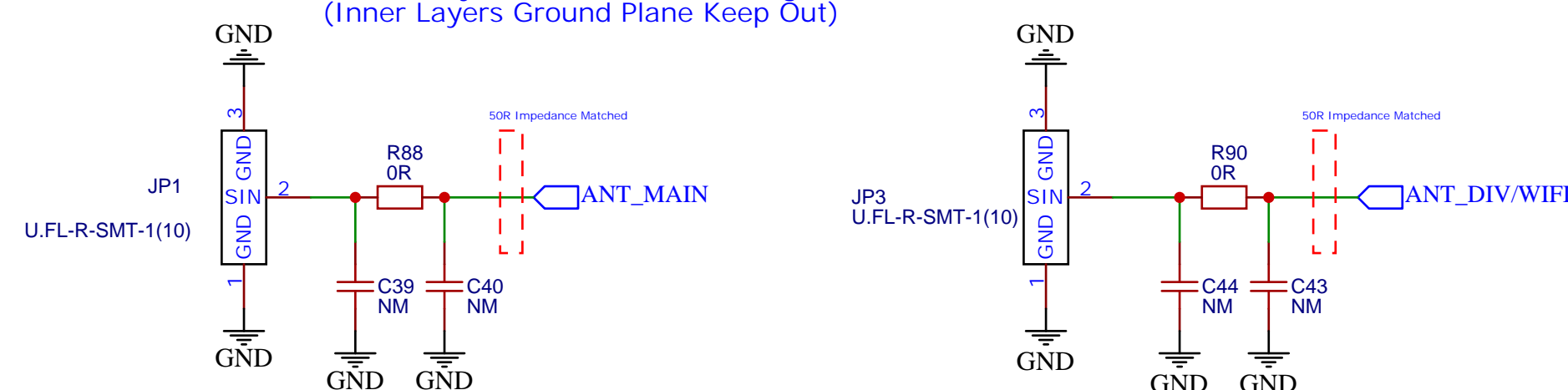


# HEADER

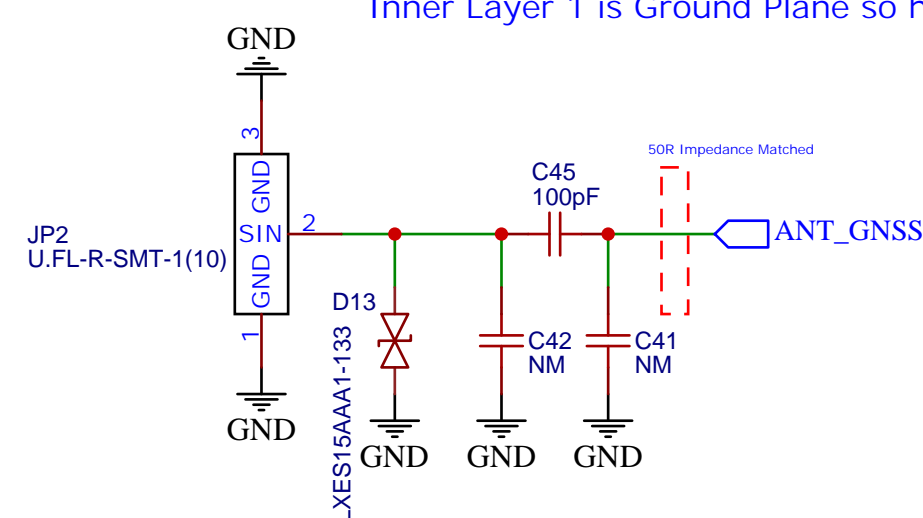


## ANTENNA

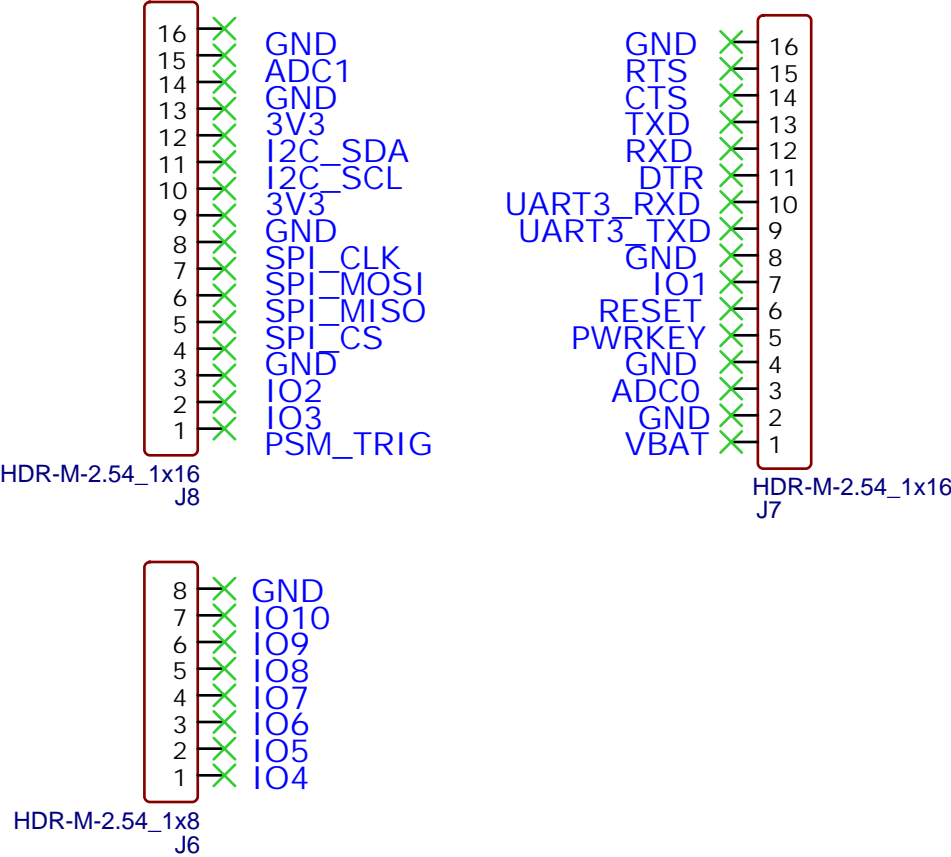
Layers: 4  
Thickness: 1.6mm  
Copper Top Thickness: 0.035 mm  
Prepreg type: 7628  
Dielectric constant: 4.6  
Prepreg: 0.2 mm  
Impedance: 50R  
Bottom Layer Ground Plane so height: 1.6mm  
(Inner Layers Ground Plane Keep Out)



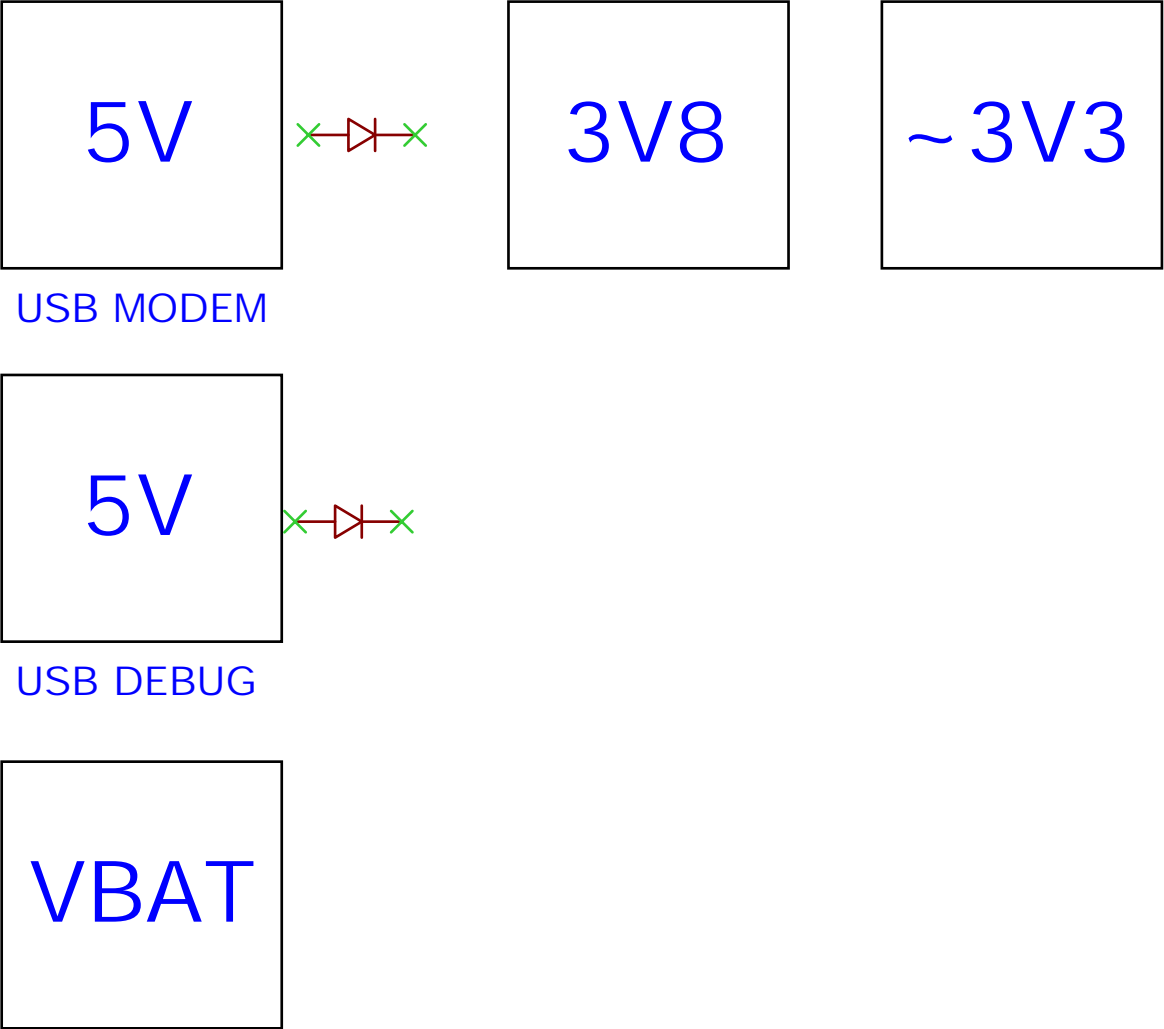
Layers: 4  
Thickness: 1.6mm  
Copper Top Thickness: 0.035 mm  
Prepreg type: 7628  
Dielectric constant: 4.6  
Prepreg: 0.2 mm  
Impedance: 50R  
Inner Layer 1 is Ground Plane so height: 0.2mm



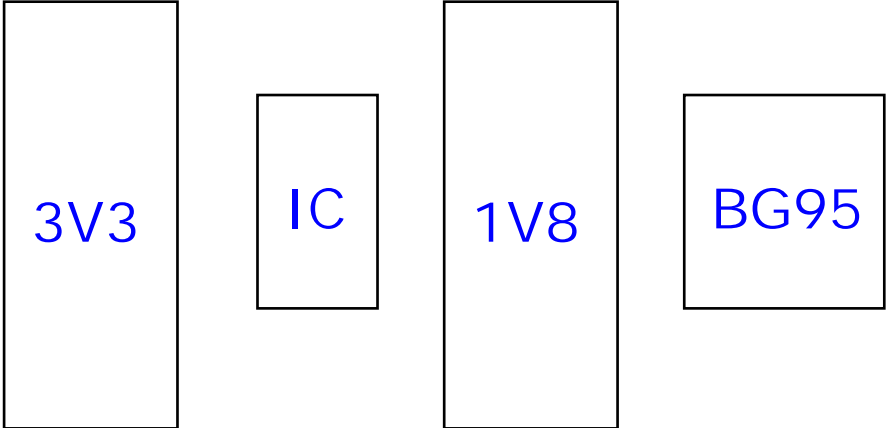
HEADER



RAILS



PERIPHERALS



All exposed I/O's are protected

TITLE: SingleFin RevB - Block Diagram		REV: C
	Company: NOOMIO	Sheet: 1/4
	Date: 2021-02-23 Drawn By: noomio	



TITLE: Sheet_1		REV: C
	Company: Your Company	Sheet: 1/5
	Date: 2021-03-11 Drawn By:	