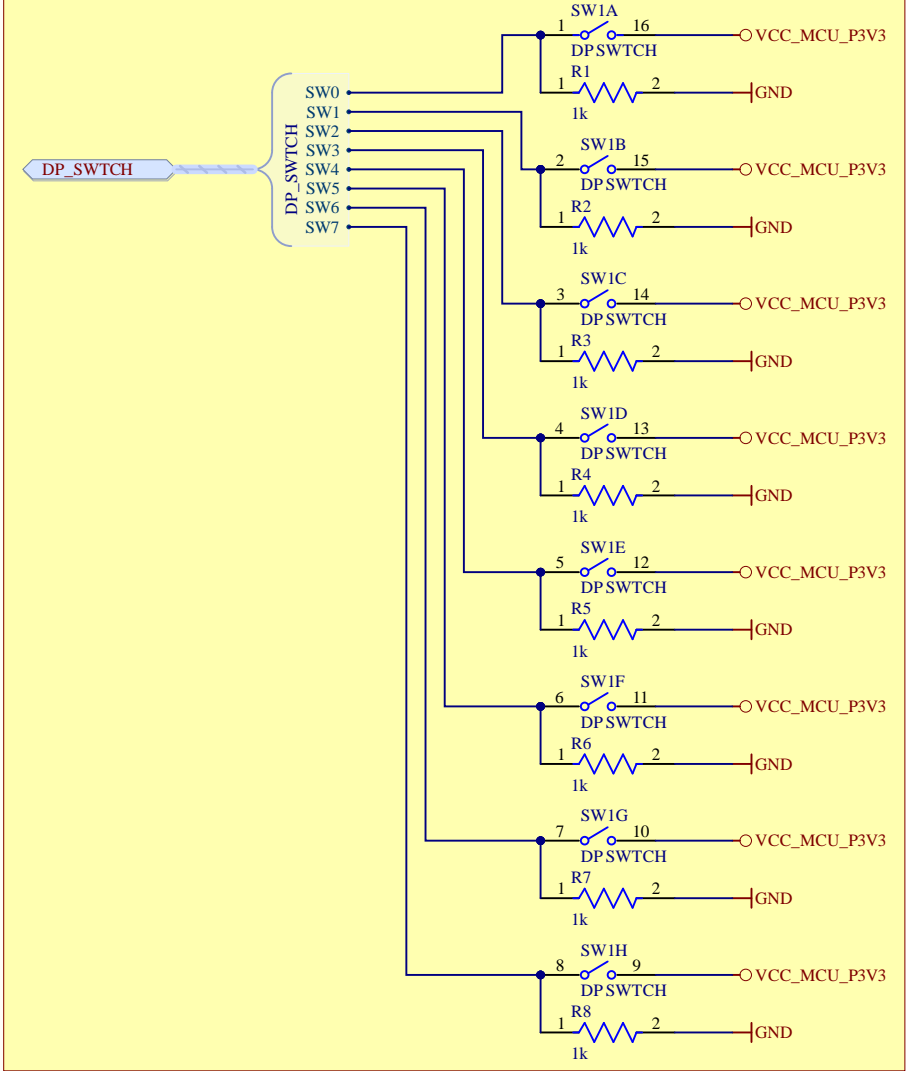
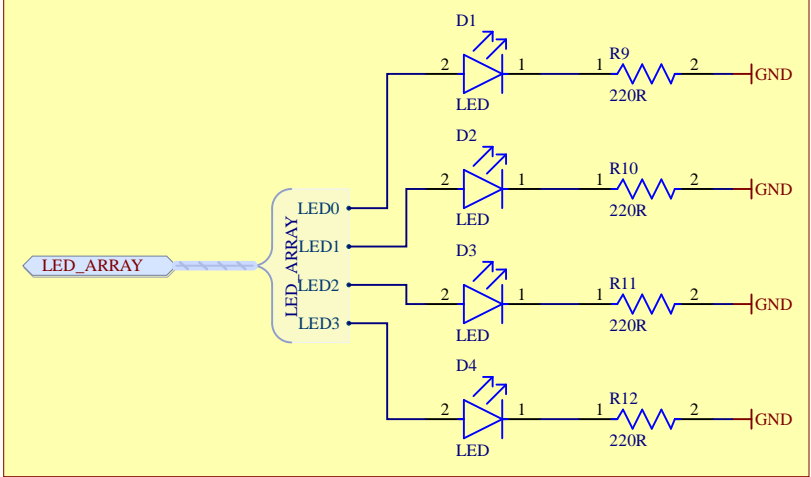


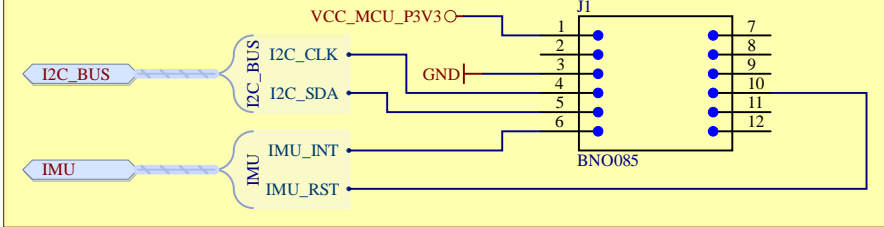
Dip Switch Connections and Pull-Down Resistors



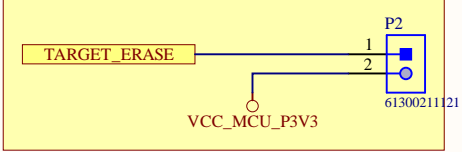
Status LED Current Limiting Circuits



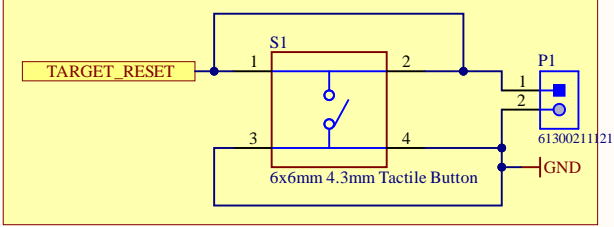
Connections To 2x 6 Pin Female Headers for BNO085 IMU Module to Connect



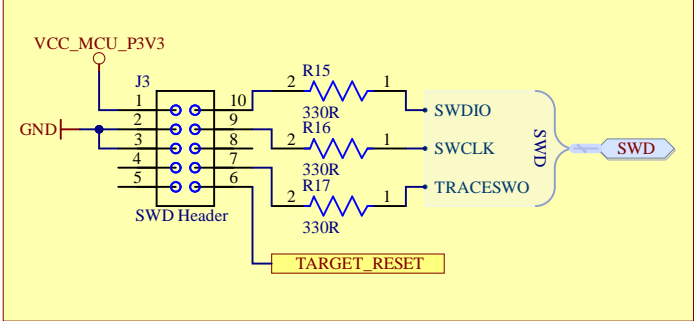
Microcontroller Erase Pin Jumper



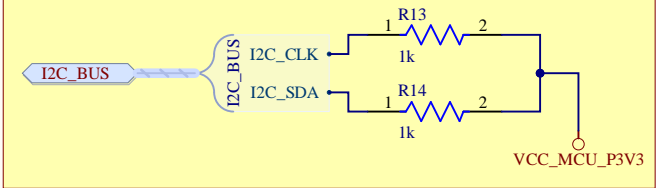
Microcontroller Reset Pin Button and Jumper



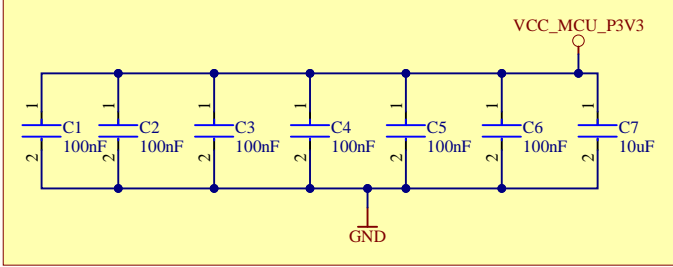
SWD and JTAG Debugging Port



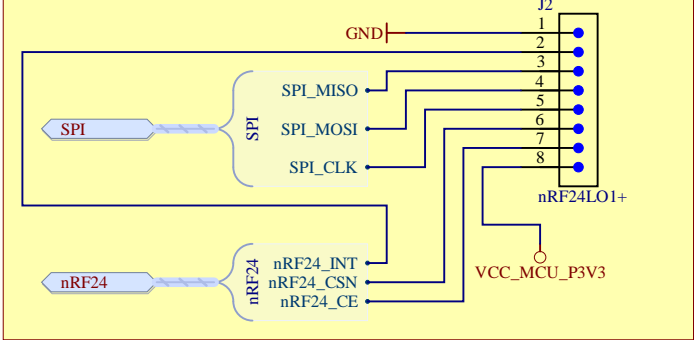
I2C Pull-Up Resistors



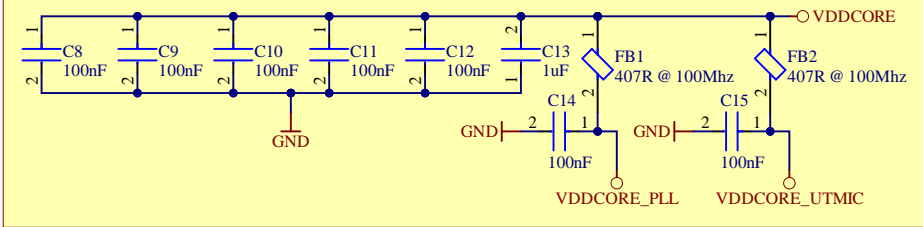
VDDIN, VDDUTMIH, VDDPLLUSB, and VDDIO Decoupling



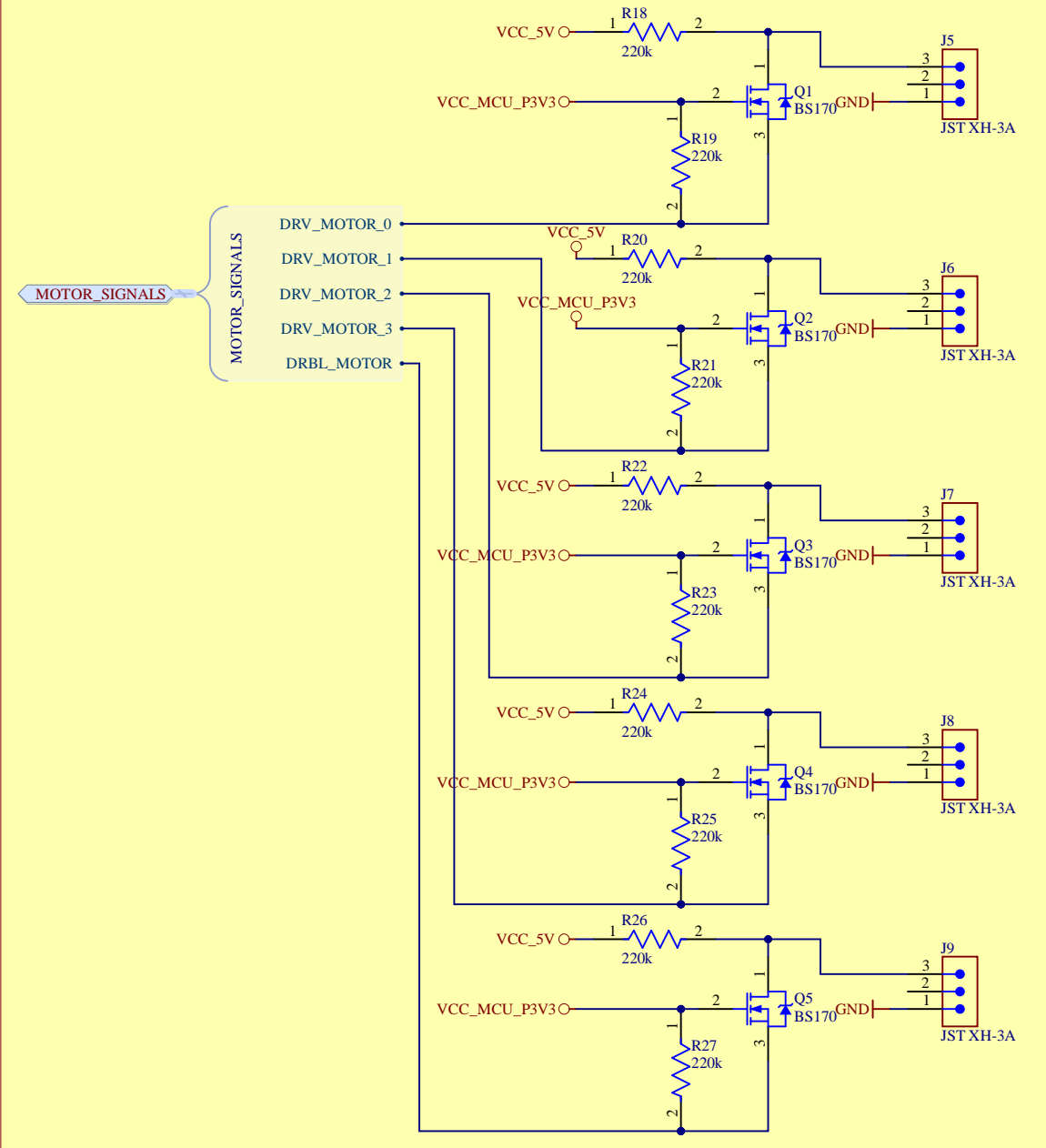
Connections To 8 Pin Female Header for nRF24L01+ Wireless Module to Connect



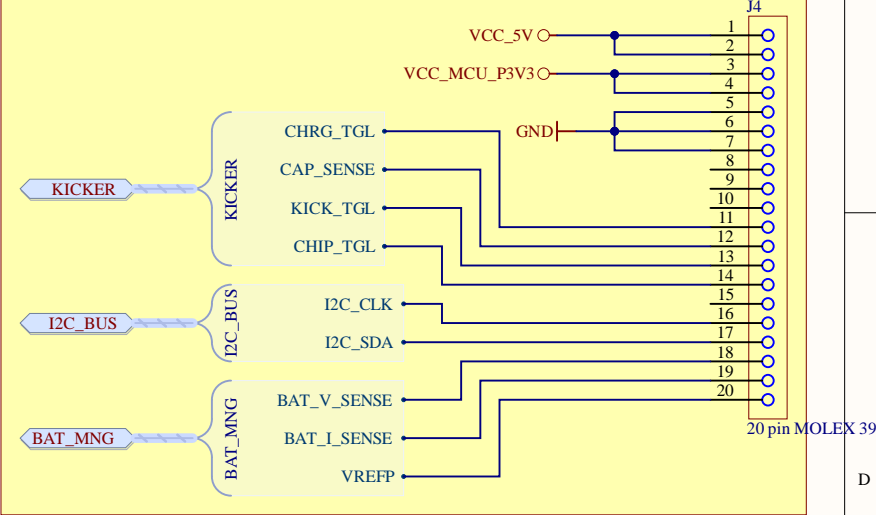
VDDCORE, VDDCORE\_PLL, and VDDCORE\_UTMIC Decoupling



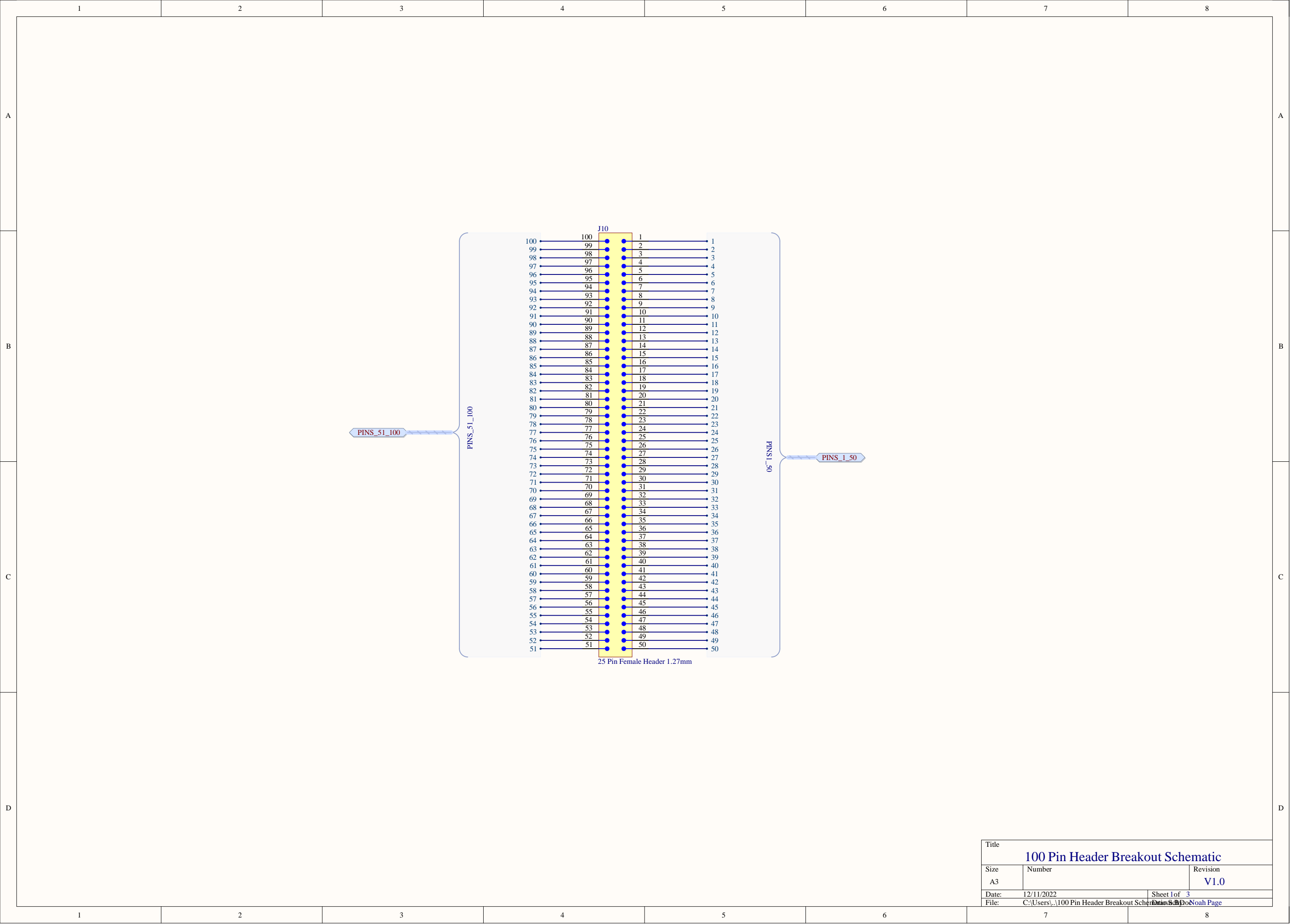
PWM Logic Level Shifting Circuits and Connections to ESCs Through JST-3As



Connections to Lower Board Through MOLEX 39-53-2204



Title		
Circuit Schematics		
Size	Number	Revision
A3		V1.0
Date:	12/11/2022	Sheet2 of 3
File:	C:\Users\...\Circuit Schematics.SchDoc	Drawn By: Noah Page



Title		
100 Pin Header Breakout Schematic		
Size	Number	Revision
A3		V1.0
Date:	12/11/2022	Sheet 1 of 3
File:	C:\Users\...\100 Pin Header Breakout Schematic.dwg	