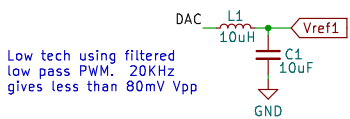
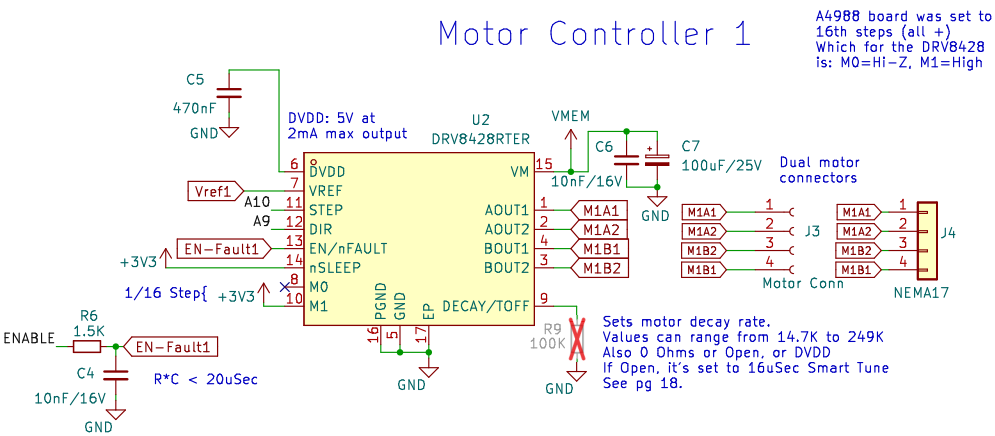


DRV8428 Motor Driver  
4.2V to 33V  
up to 1A

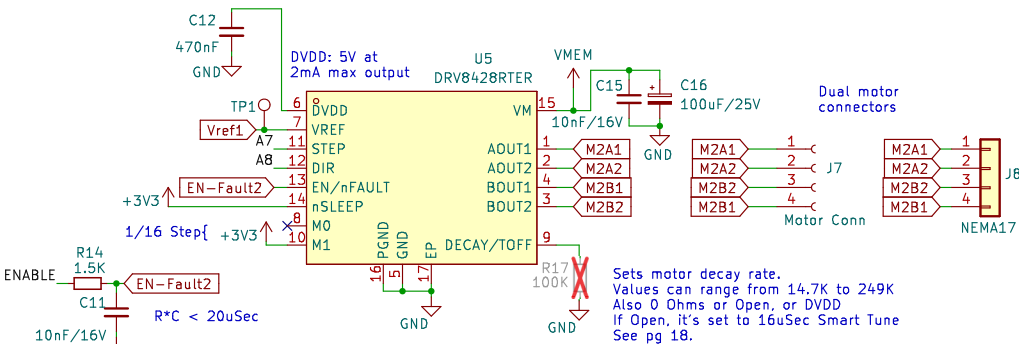
PWM to Vref



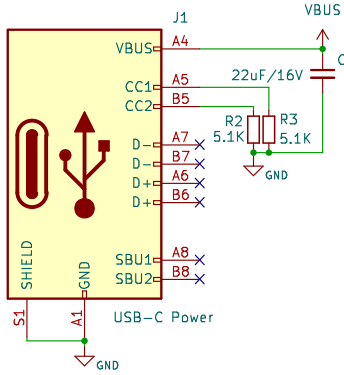
Motor Controller 1



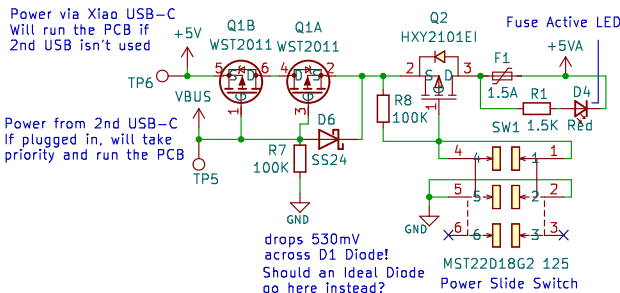
Motor Controller 2



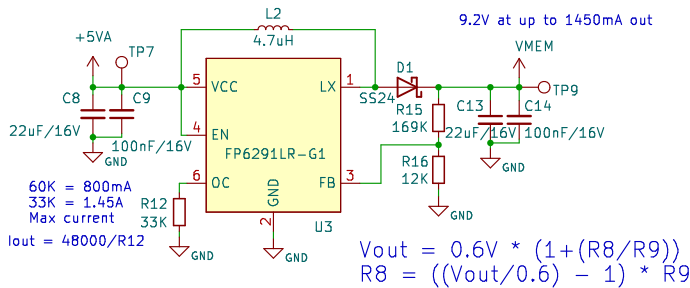
Powers the Stepper Motors, No Data



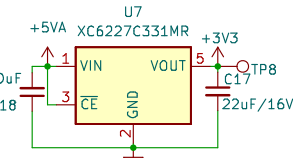
Backflow Protection Power Switch



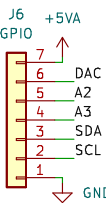
5V to 9V Boost



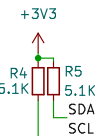
5V to 3.3V LDO



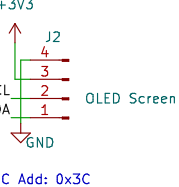
GPIO BREAKOUT



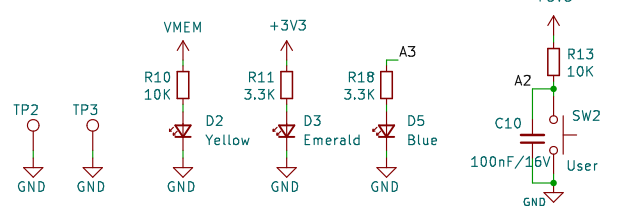
i2C Pullups



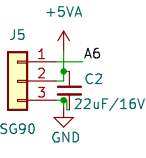
OLED Screen



Inputs & Outputs



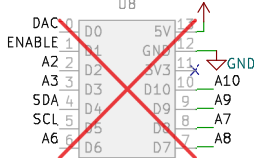
SERVO



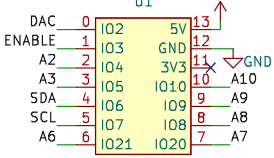
Mounting Holes



XIAO RP2040



XIAO ESP32-C3



XIAO SAMD21

