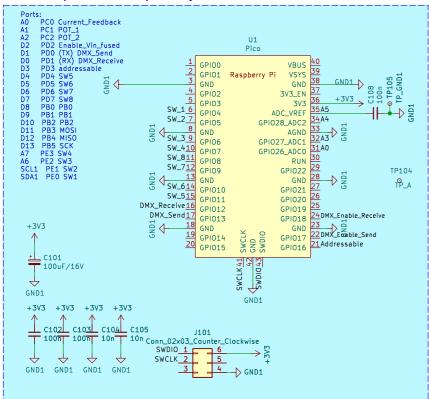


MCU Option Raspberry Pico

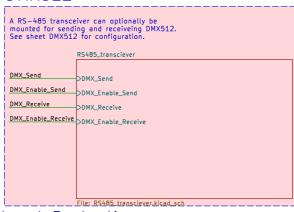
Ground UART / UART (default)

GPIO, PIO, and PWM ADC SPI / SPI (default)

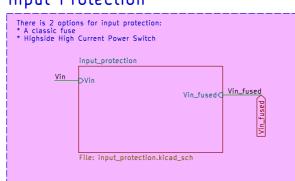
I2C / I2C (default)

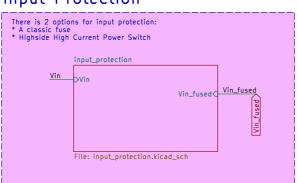


DMX512

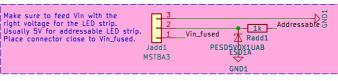


Input Protection

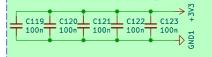




Addressable LED



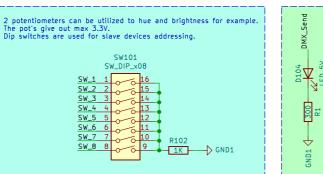
Global decoupling capacitors



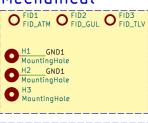
D105

TP_3V3 TP5

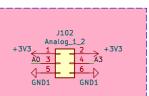
User Interface

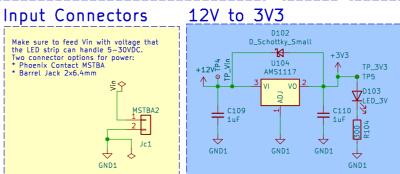


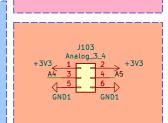
Mechanical



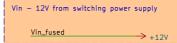
82306120029 GND1 <

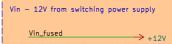




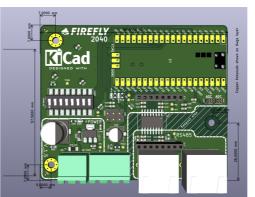


12V

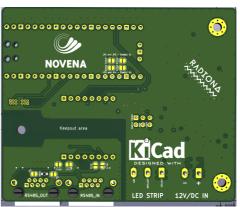


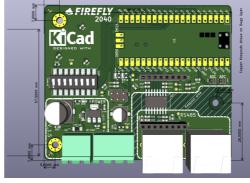


TOP VIEW



BOTTOM VIEW







RS485_transciever

3

input_protection



Sheet: / File: firefly.kicad_sch Title: Firefly v 0.4

Size: A3 Date: 2025-04-10 KiCad E.D.A. 8.0.8



GND



