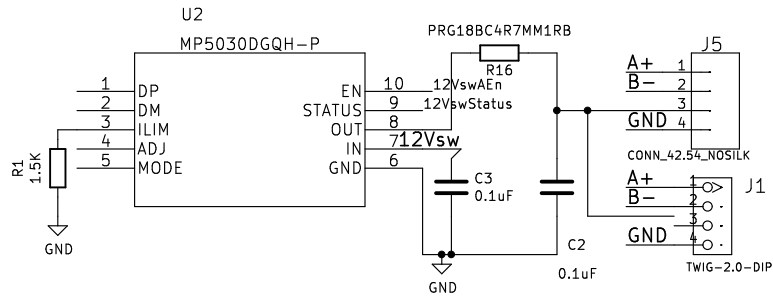
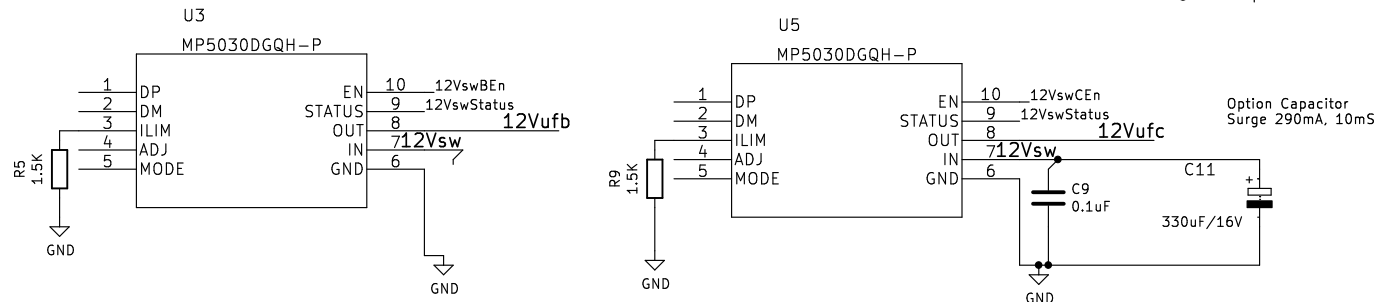


RS485 Connectors



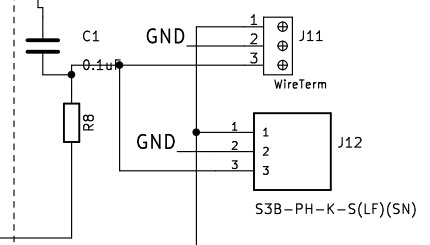
RS485 12V Power Switches



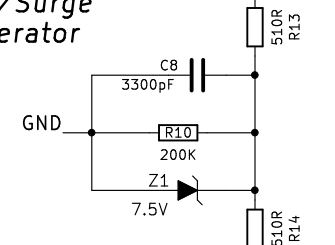
4 x eFuse auto reset
 PRG18BC4R7MM1RB 4.7ohms
 hold 100mA @+60C trip>330mA
 hold 155mA @+25C trip 330mA
 hold<155mA @-10C trip 420mA

Option Capacitor
 Surge 290mA, 10ms

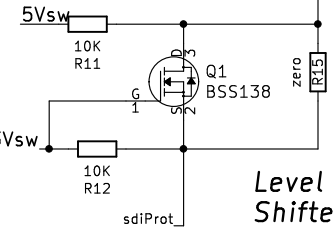
SDI-12 Connectors



ESD/Surge Moderator

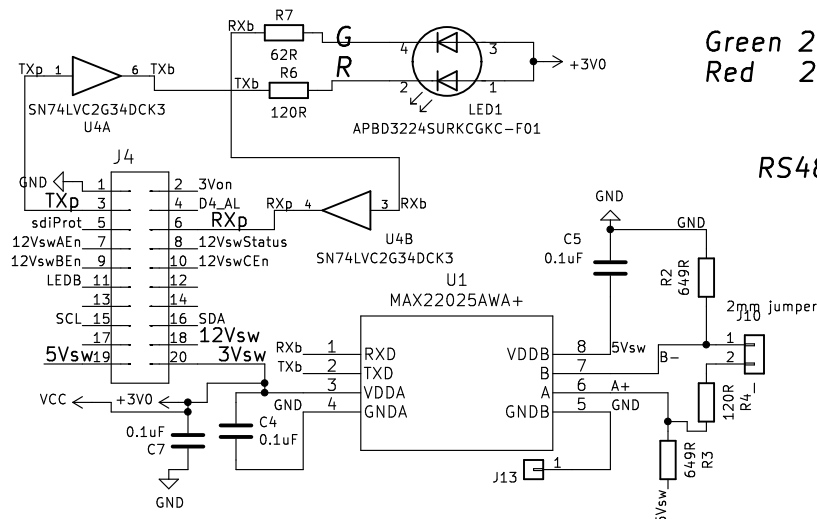


Level Shifter



Green 2v1 1.0* 80->280mcd 570nm Last Flash
 Red 2v0 0.5*120->400mcd 630nm First Flash

RS485 Interface



**** For Discussion ****

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Sheet: /
 File: KNH002rev8.kicad_sch

Title: Mayfly RS485 Wingboard

Size: A Date: 2022-03-29
 KiCad E.D.A. kicad (6.0.2)

Rev: 8
 Id: 1/1