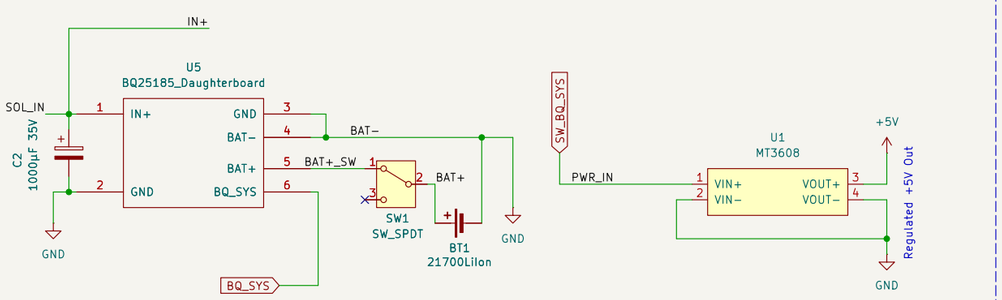
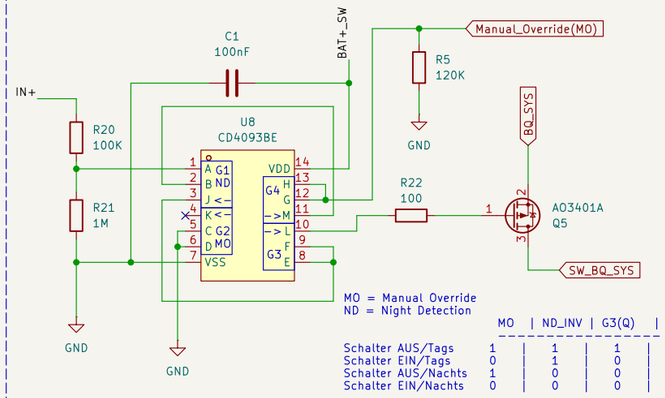
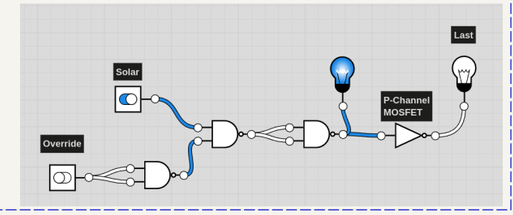
Externes LiPo/PV Lade-Management Modul und 5V Spannungsregler

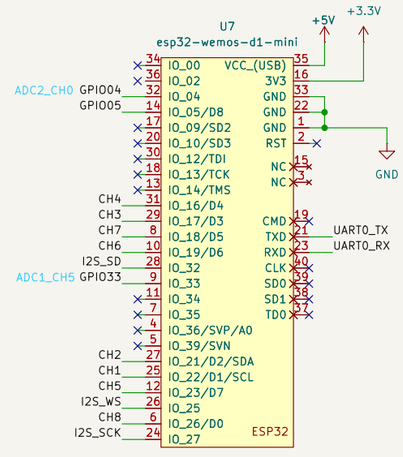


Erkennung PV-Aktivität ("Nachts") und manuelle Überbrückung



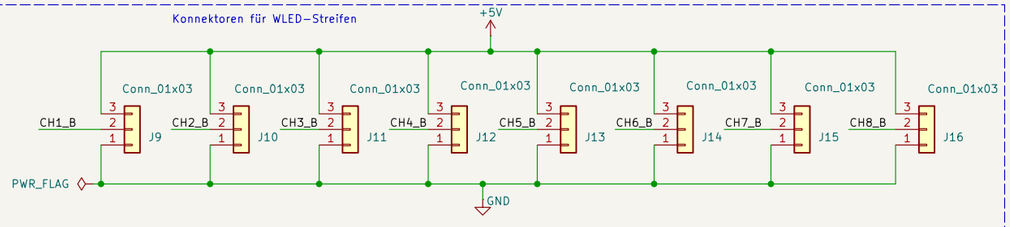


ESP32 Wemos D1 Modul exklusiv für WLED

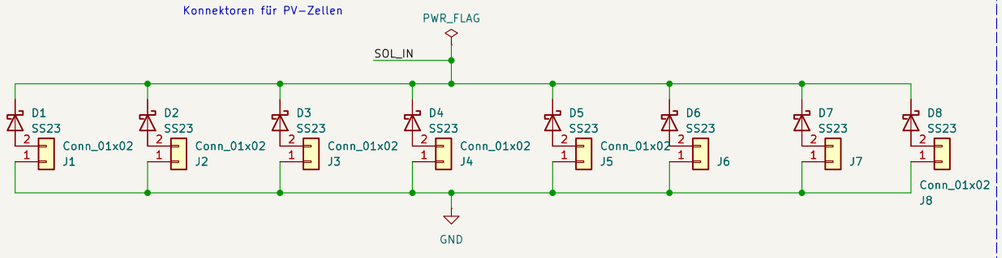


ADC2 becomes unavailable when WI-FI is utilized!

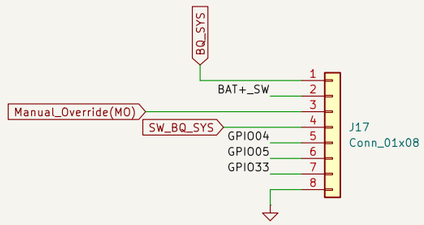
Konnektoren für WLED-Streifen



Konnektoren für PV-Zellen

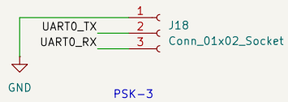


Modulare Vorrichtung zum manuellen Einschalten des WLED-Systems In einfacher Form ein Schalter, komplexere Lösungen denkbar (externe Low Power MCU mit RTC o.ä.). MO HIGH -> System EIN



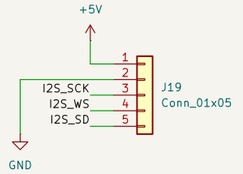
JST PH 2.0mm

UART0 Port



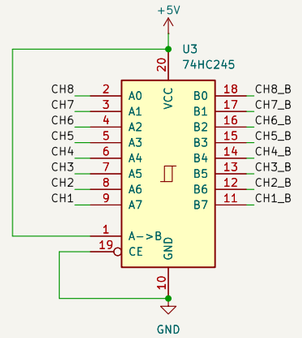
PSK-3

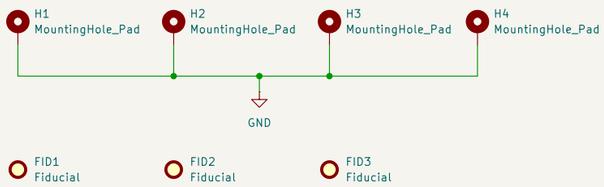
WLED Mikrofon Erweiterungs-Port



JST PH 2.0mm

Level Shifter 3.3V -> 5V für WLED Data





EINZ-Solar und WS-Steuerung mit WLED

Zumkehr, Raschke, Reuter
42nibbles.de

Sheet: /
File: FB1-EINZ-2-Projekt.kicad_sch

Title: EINZ-Solar und WS-Steuerung mit WLED

Size: A3	Date: 2025-09-11	**Rev: 0.3**
KiCad E.D.A. 10.0.6		Id: 1/1