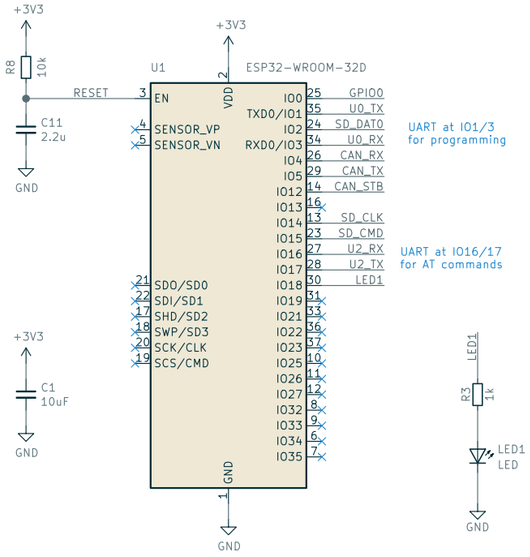
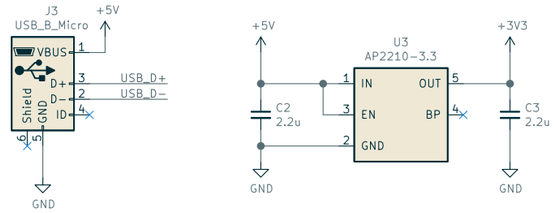
Data Manager – LS.one and LS.bus to WiFi gateway

ESP32 WROOM module

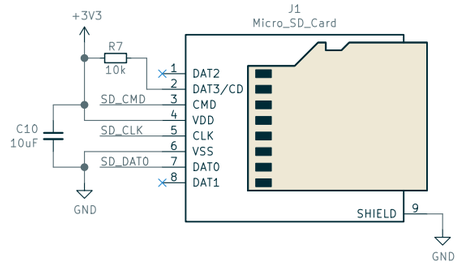


Pinout for SD card from:
https://github.com/espressif/esp-idf/tree/master/examples/storage/sd_card

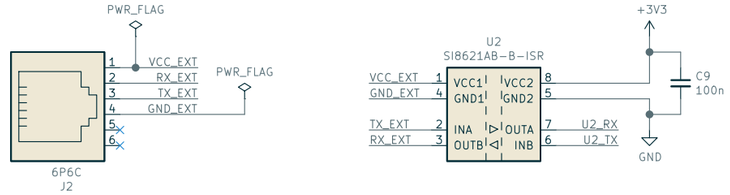
USB power supply



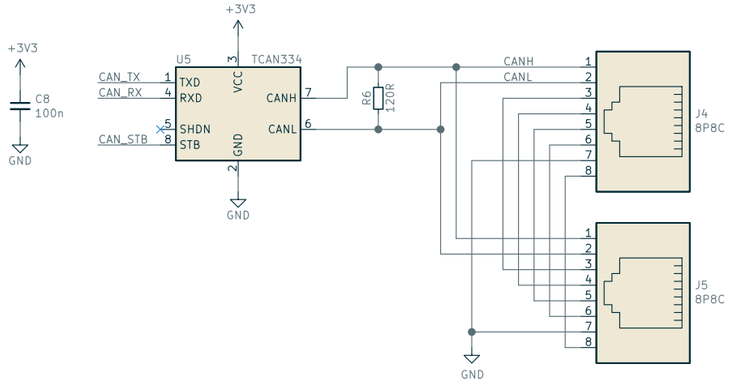
Micro-SD card



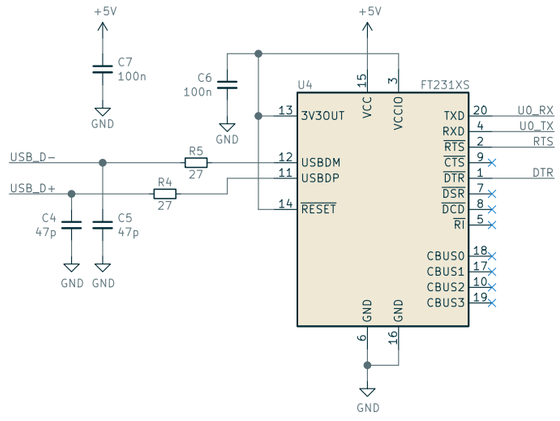
LS.one isolated UART interface



LS.bus CAN interface

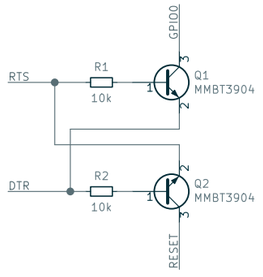


USB to UART converter for ESP programming



Reset and boot circuit

See Sparkfun / Adafruit boards



LOGO1
LibreSolar_Logo

LOGO2
Logo_Open_Hardware_Small

H1
MountingHole
H2
MountingHole
H3
MountingHole
H4
MountingHole

Data Manager		LIBRESOLAR
Libre Solar Website: https://libre.solar		
Sheet: / File: data-manager.sch		
Author: Martin Jäger		
Size: A3	Date: 2019-10-17	Rev: 0.2
KiCad E.D.A. kicad 5.1.5		Page: 1/1