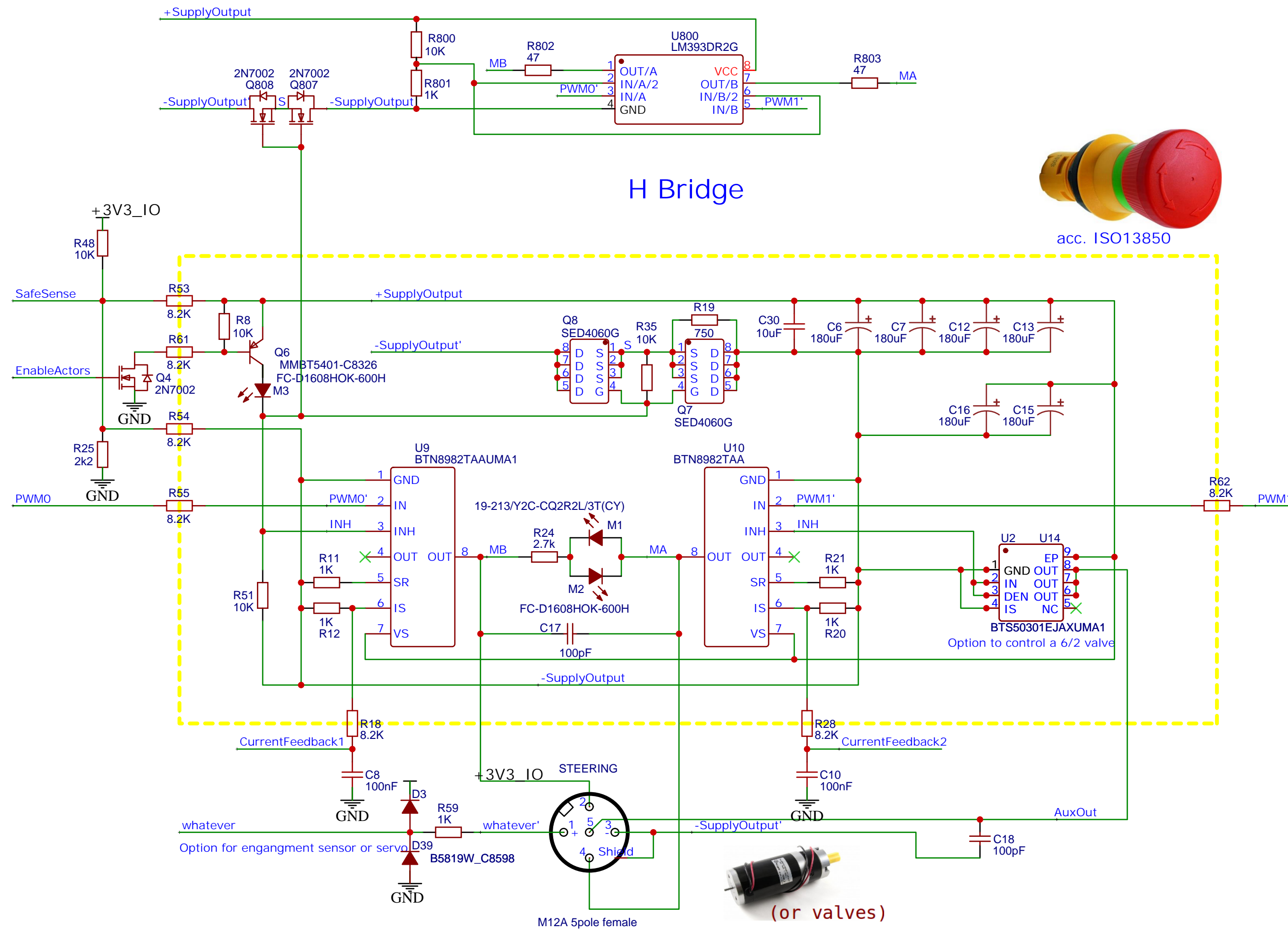
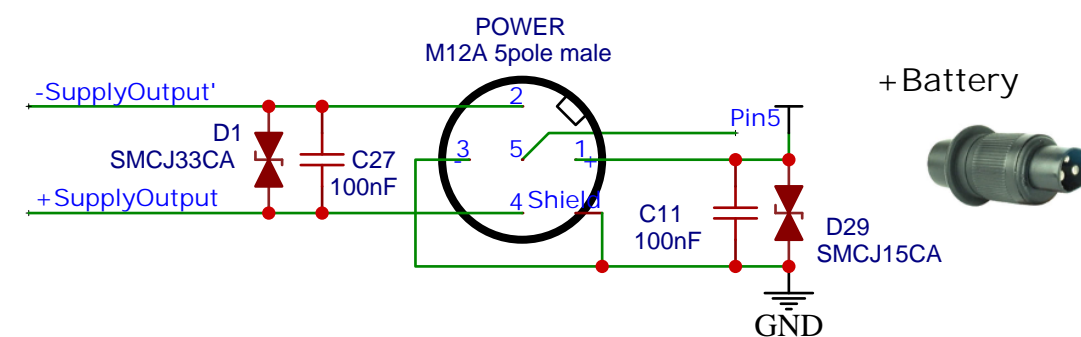



Danfoss (no H Bridge needed)

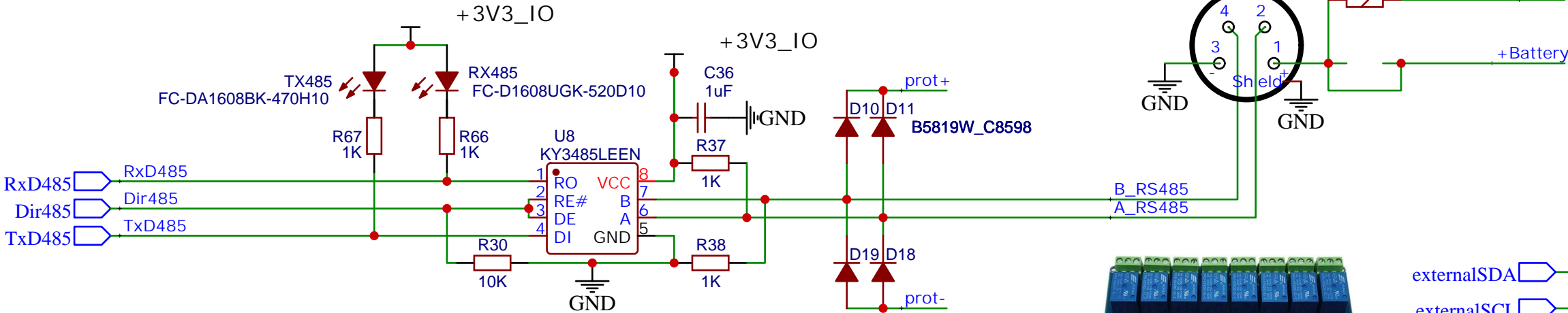


Power Input Connector

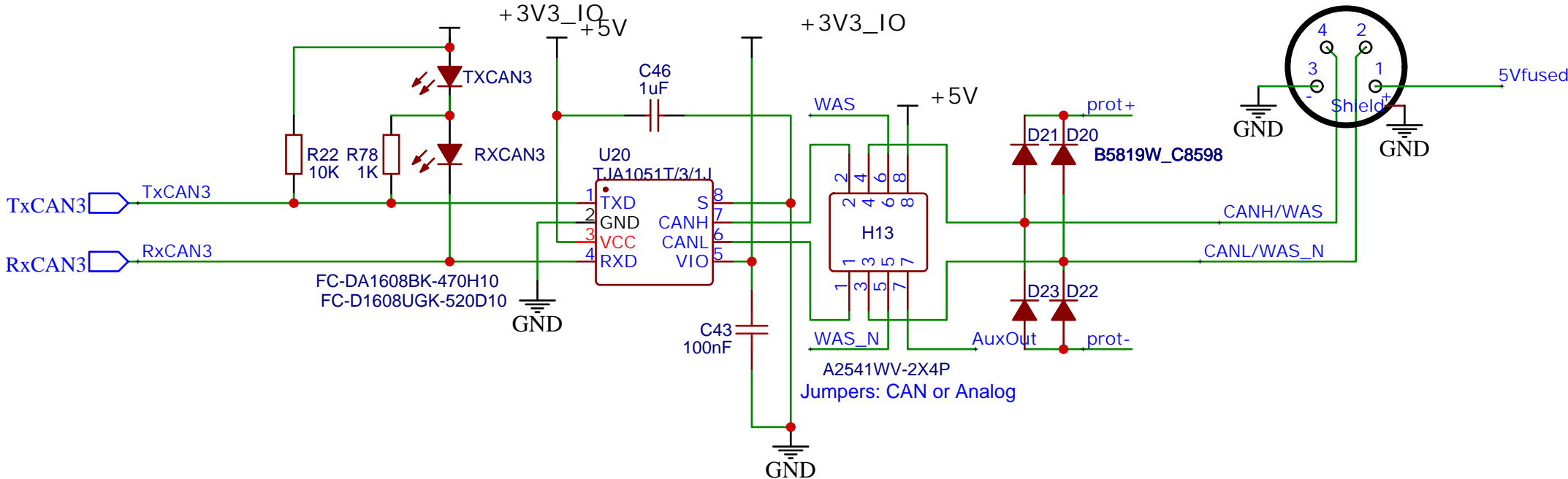
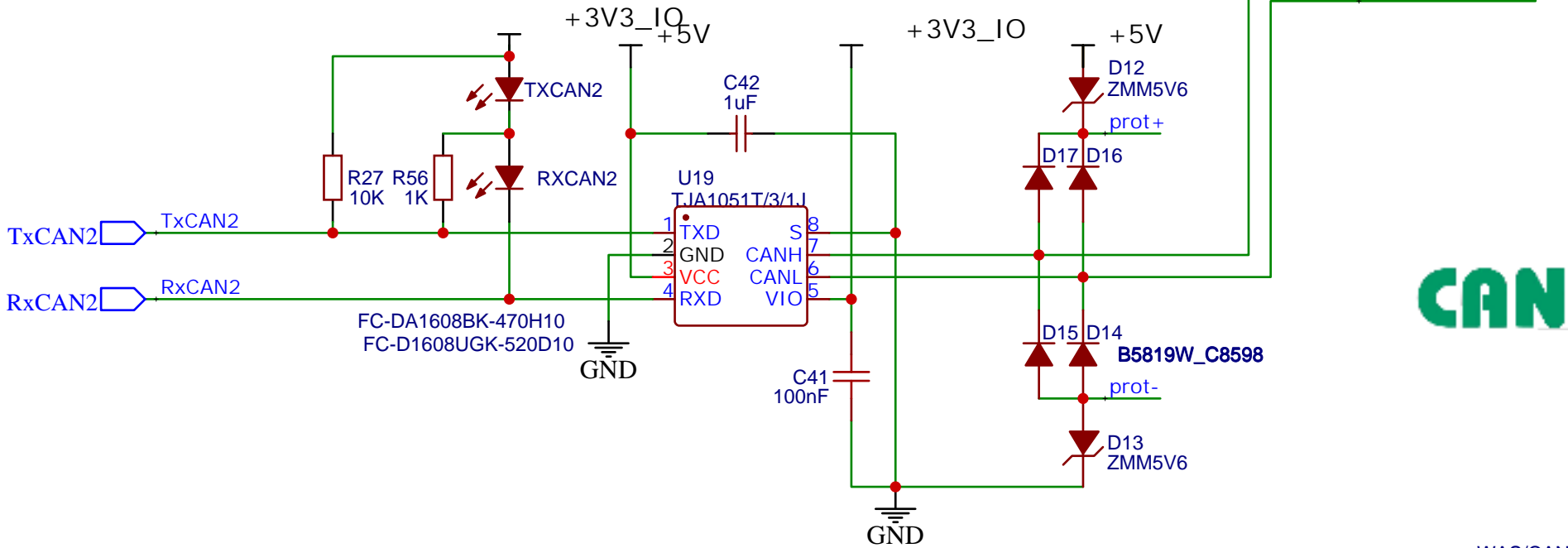
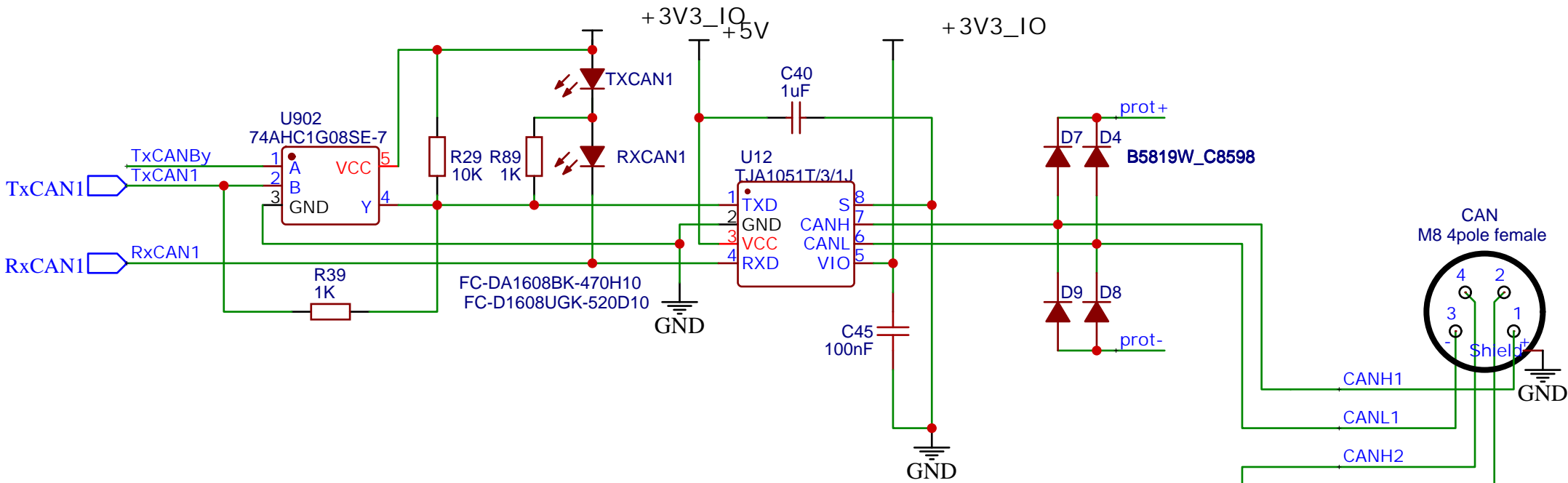


TITLE: Motor Driver, Power Input		REV: 1.0
	Company: agopengps.discourse.group	Sheet: 1/1
	Date: 2020-12-11 Drawn By: GoRoNb	

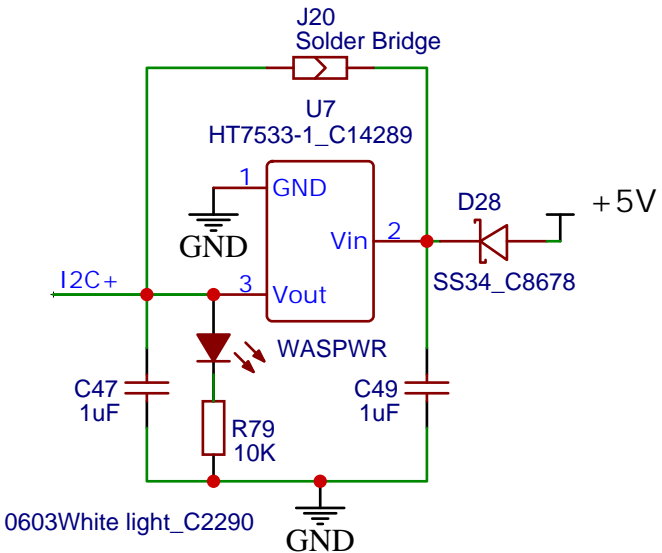
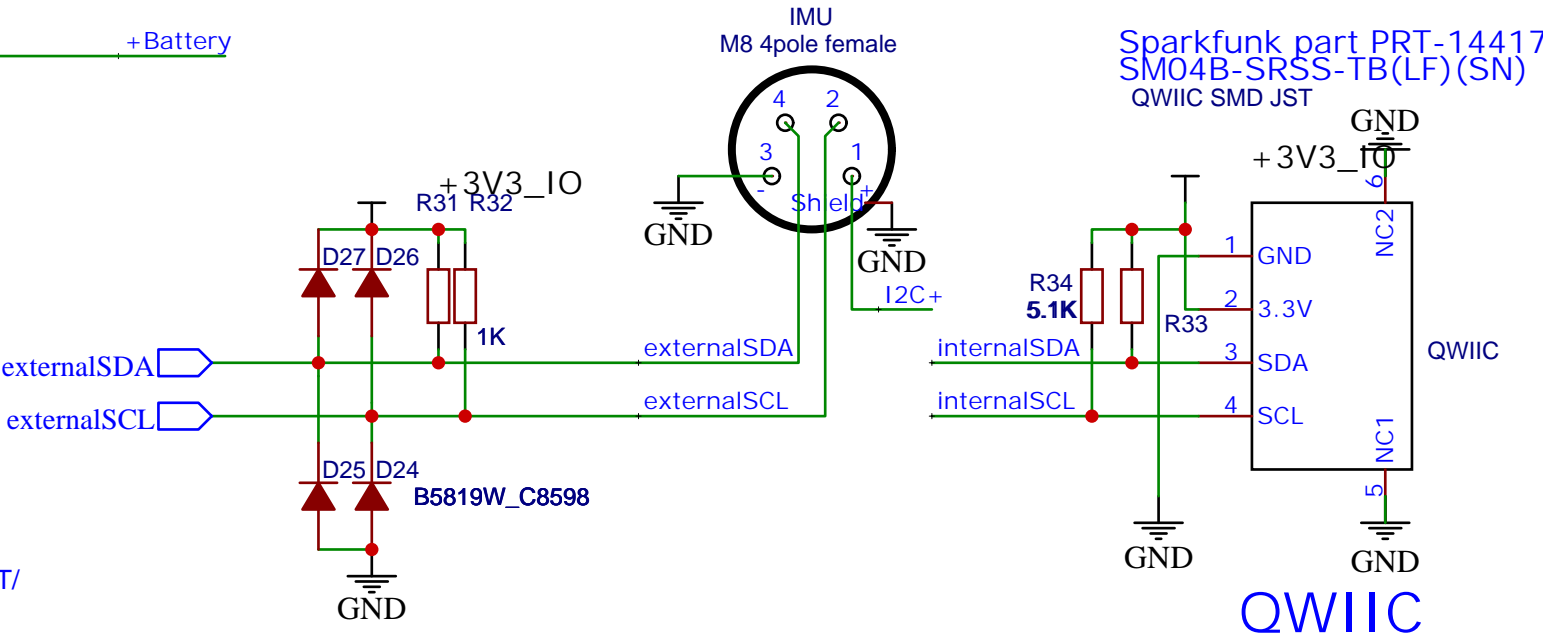
RS485 / ModbusRTU



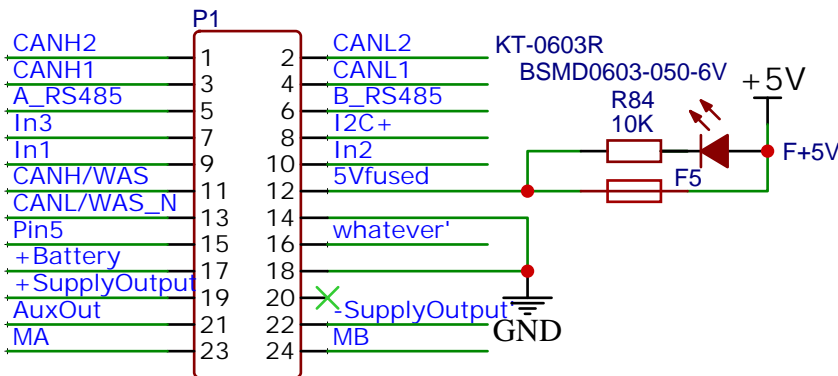
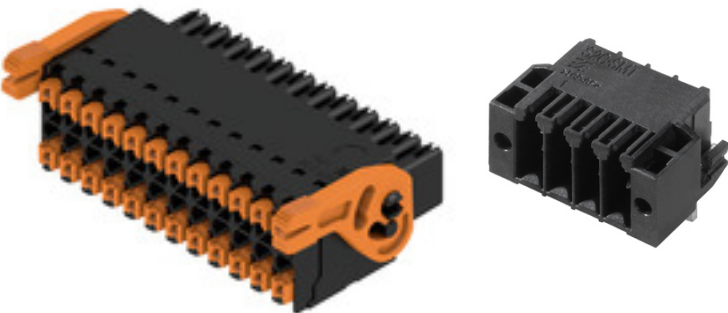
CAN



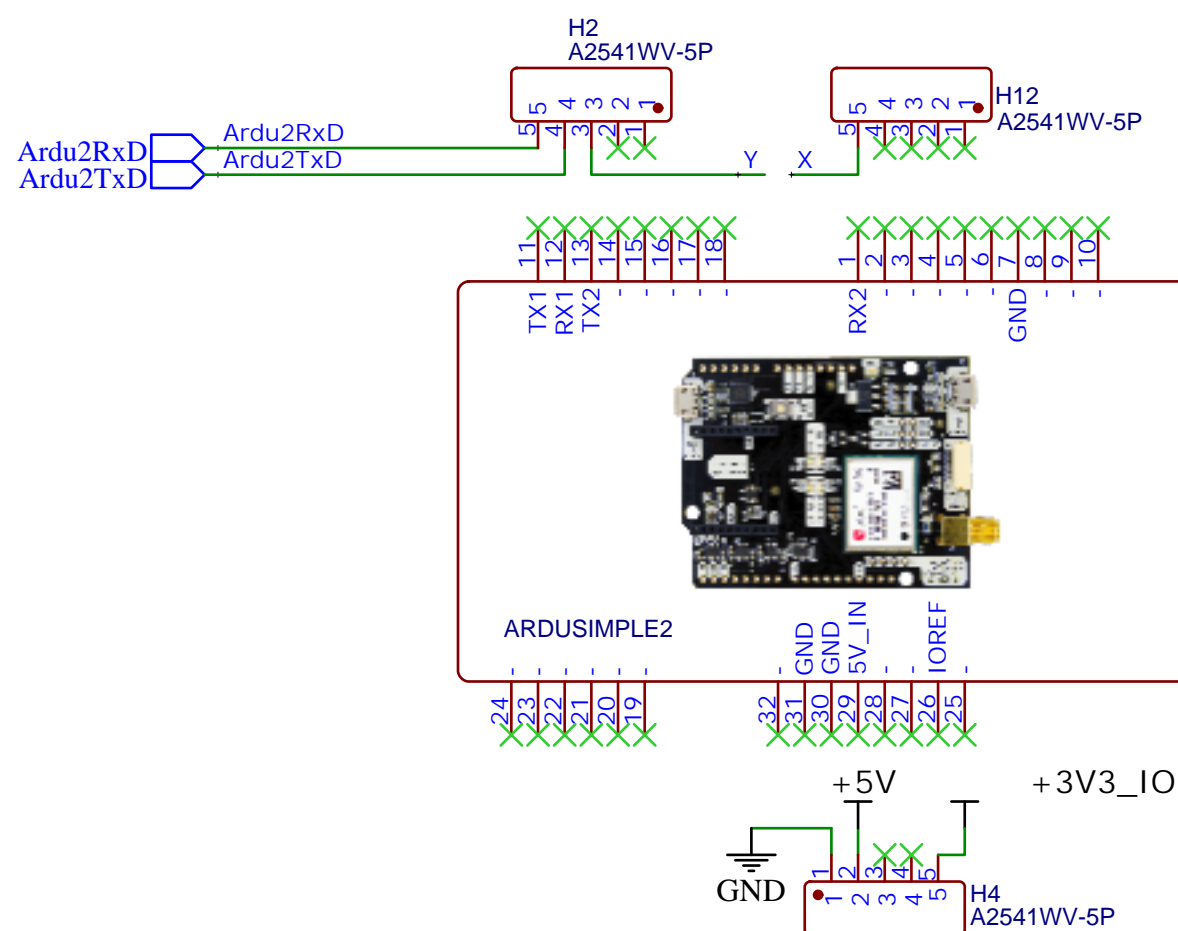
I2C external or WS2812 LED stripe




Main connector



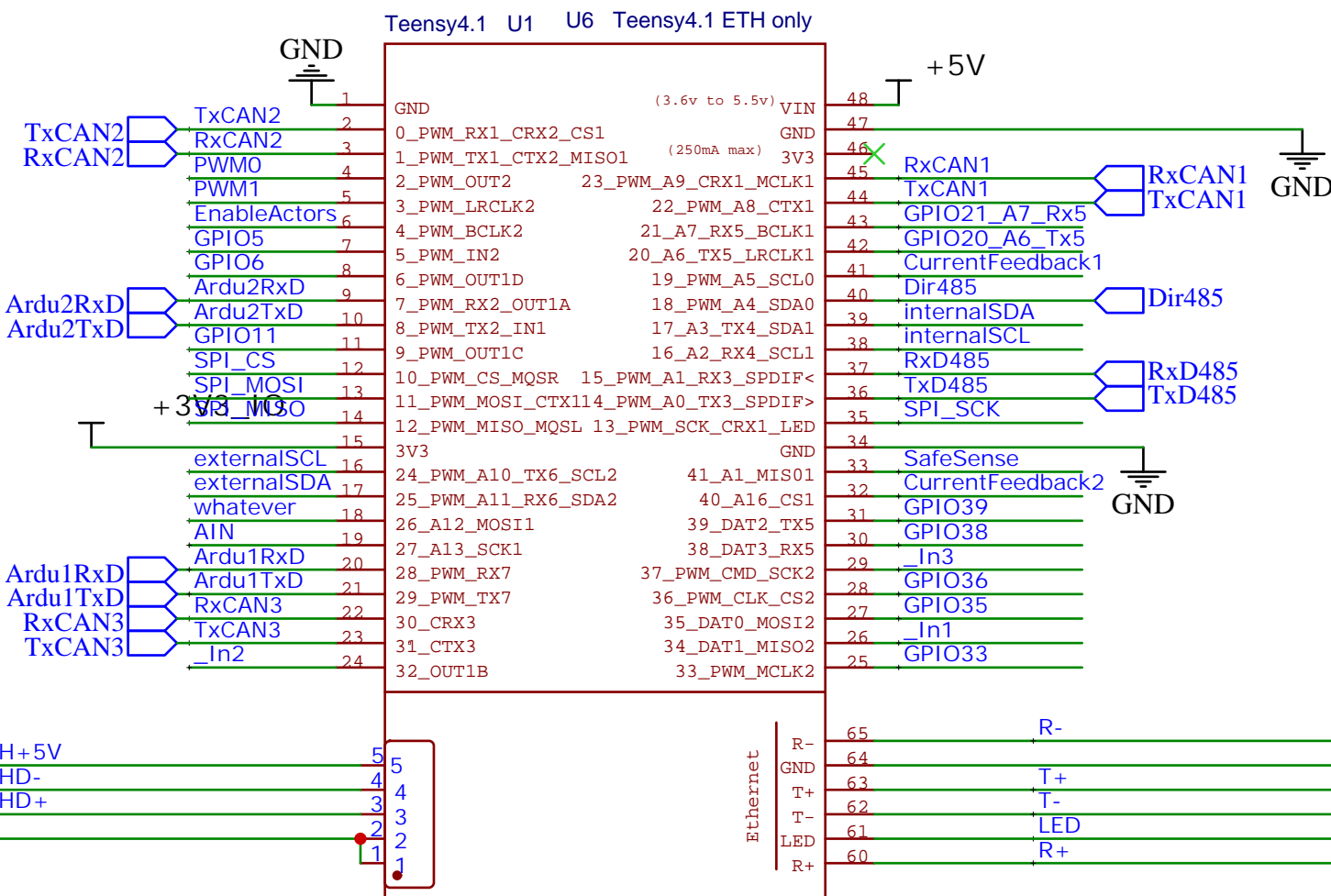
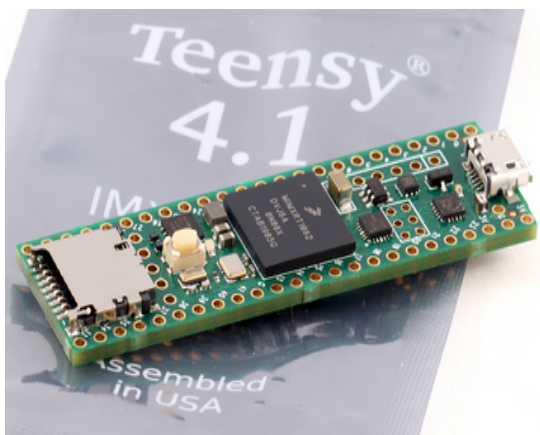
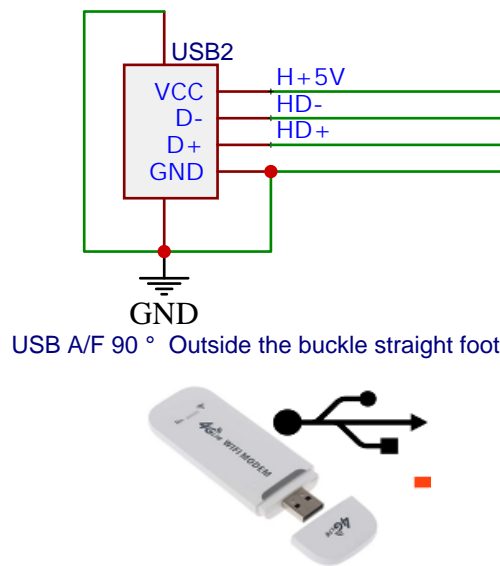
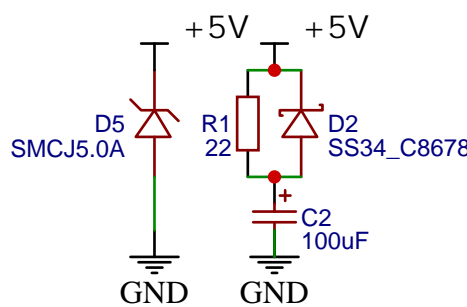
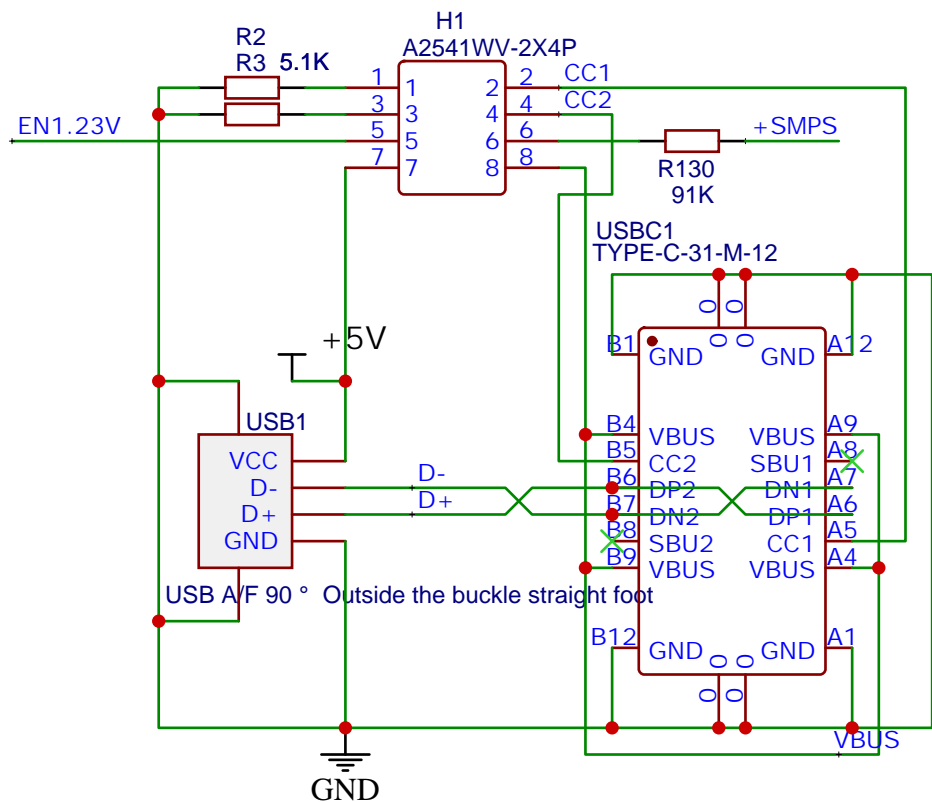
P1: Weidmuller 1289550000 + 1372870000
S2C-SMT 3.50/24/90LF 3.2SN BK BX + B2CF 3.50/24/180LH SN BK BX

[illegible]

Use Teensy Ethernet picktail to connect to Bynav Ethernet for configuration

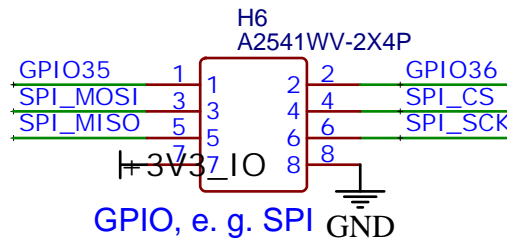
TITLE: Sensors (RTK, ADC, IMU)		REV: 1.0
	Company: agopengps.discourse.group	Sheet: 1/1
	Date: 2020-12-11 Drawn By: GoRoNb	

USB Loops

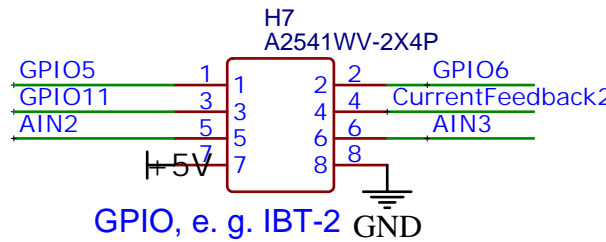


Socket for all 59 contacts:
e. g. combination Fischerelektronik
MK 05 30 Z + MK 01 30 Z (2 pieces each)

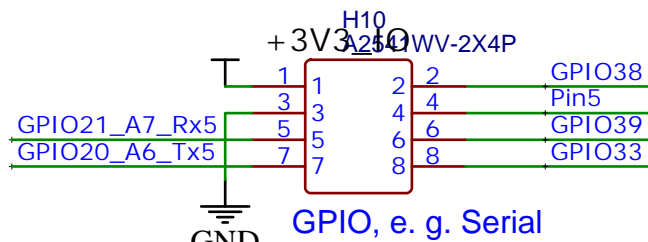
GPIOs



GPIO, e. g. SPI

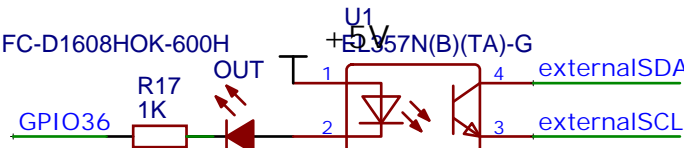


GPIO, e. g. IBT-2

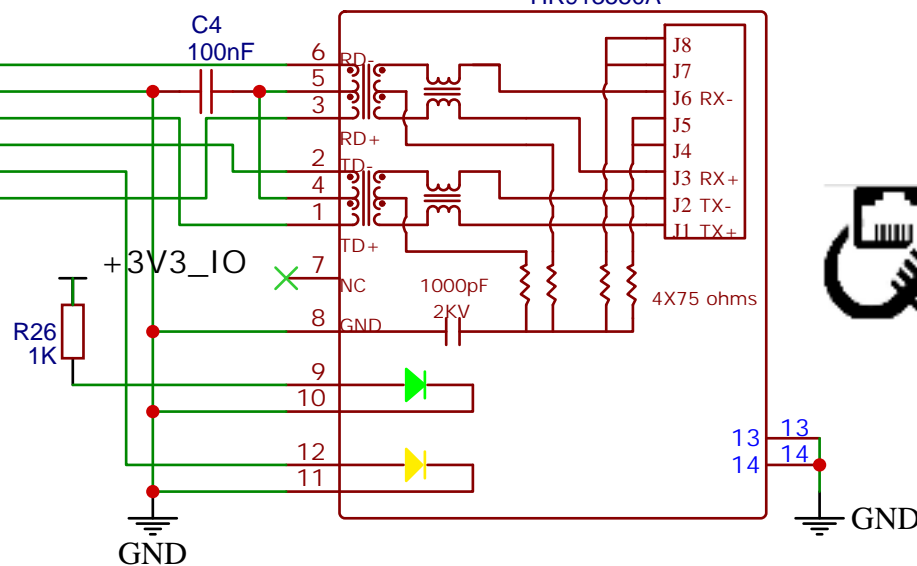


GPIO, e. g. Serial

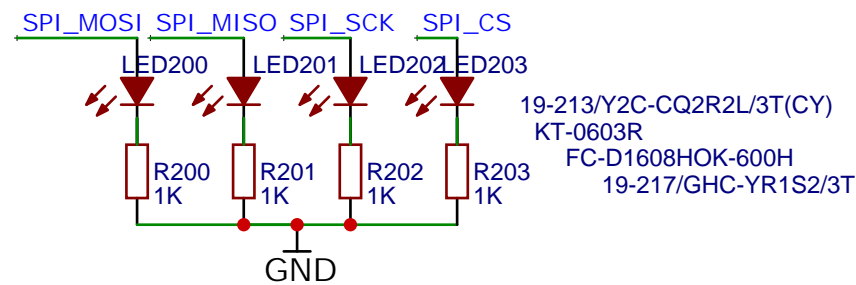
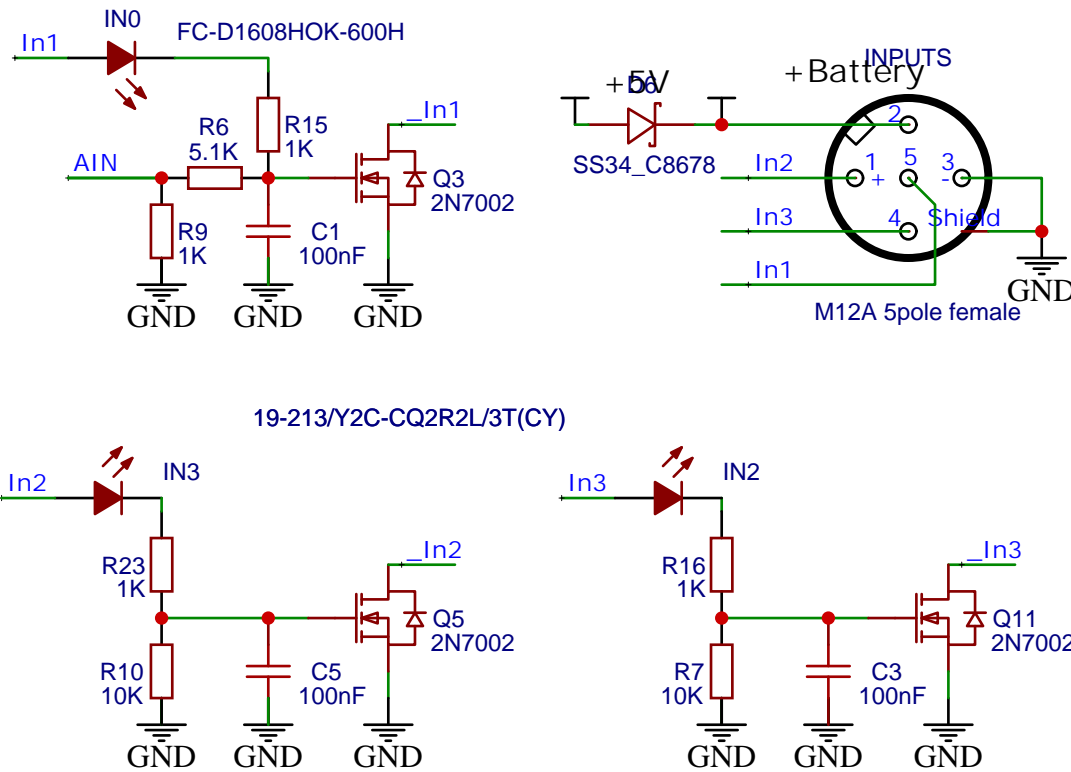
e.g.: <https://de.aliexpress.com/item/2054995985.html>



Ethernet

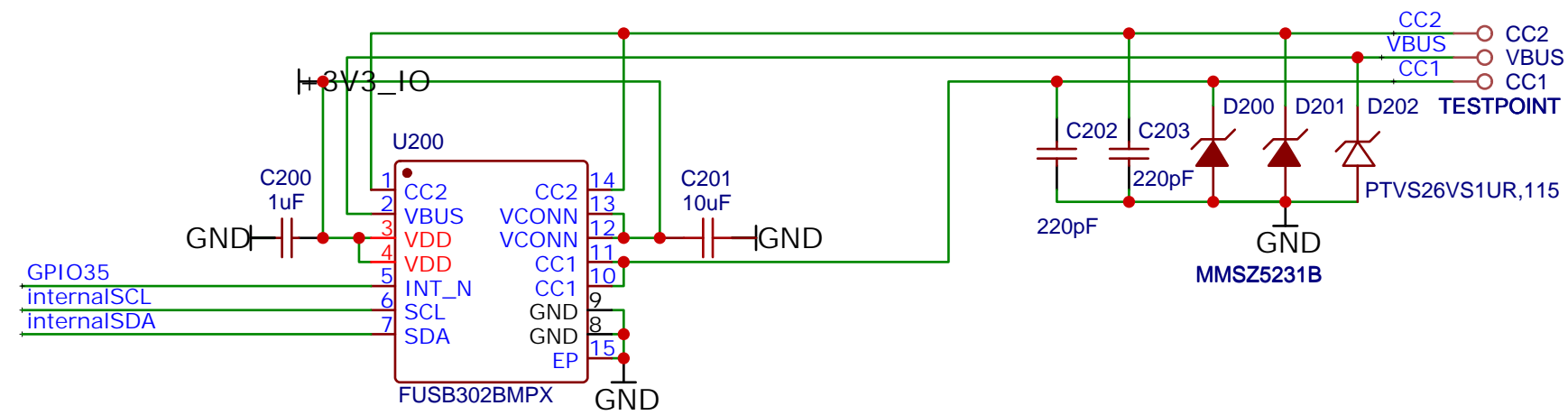


Protected General Propose Inputs

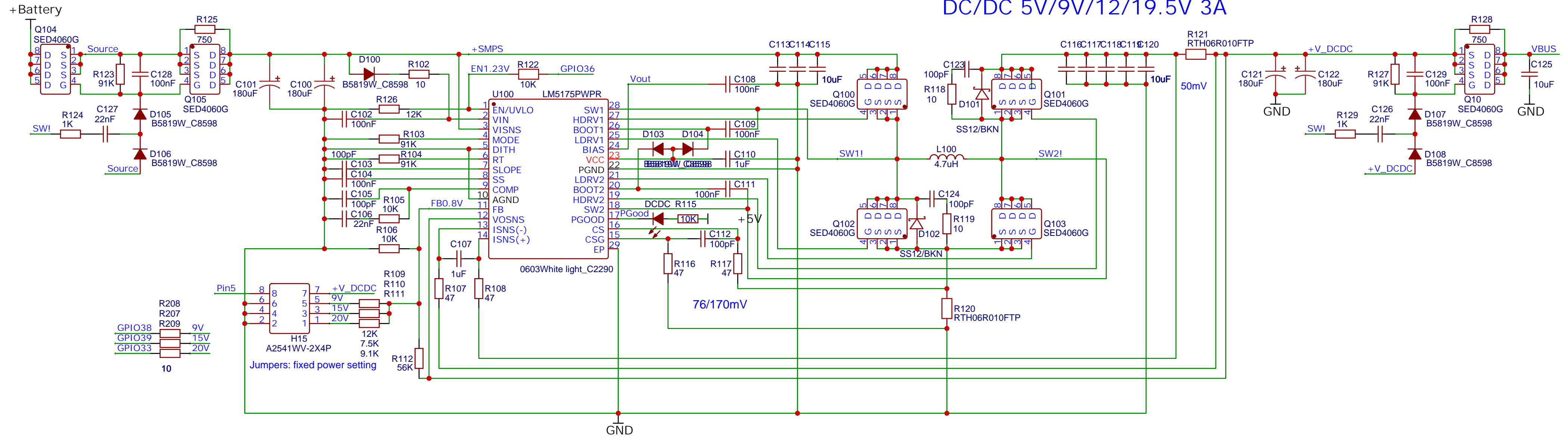


LED colors:
white: power
green/blue: serial data Rx/D/TxD
yellow/orange: I/O
red: error

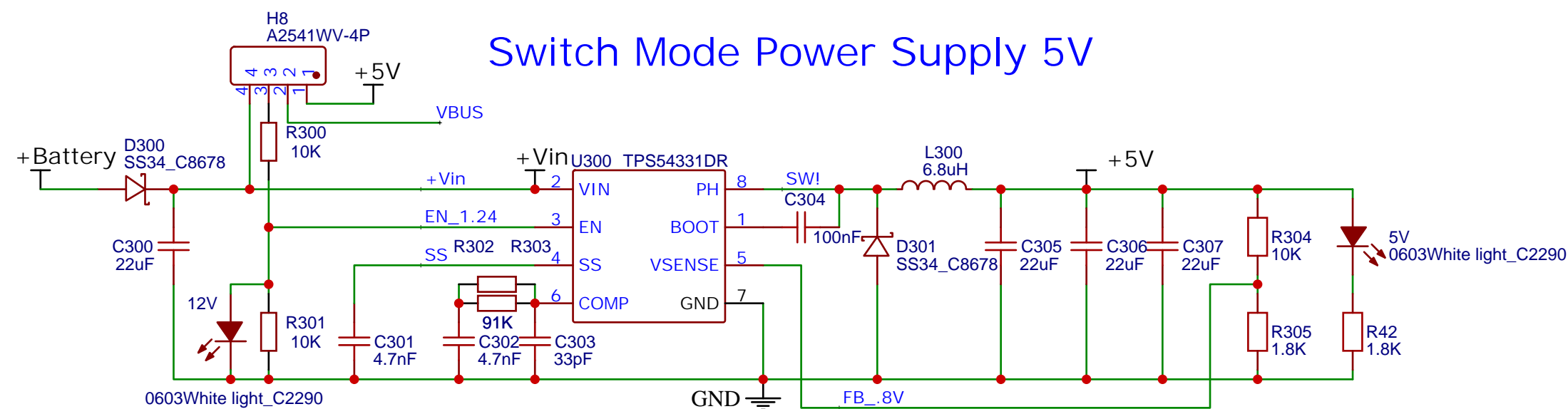
USB-C Power Delivery Role Swap



DC/DC 5V/9V/12/19.5V 3A



Switch Mode Power Supply 5V



TITLE: DCDC_USB-PD		REV: 1.0
	Company: Your Company	Sheet: 1/1
	Date: 2021-05-02 Drawn By: GoRoNb	