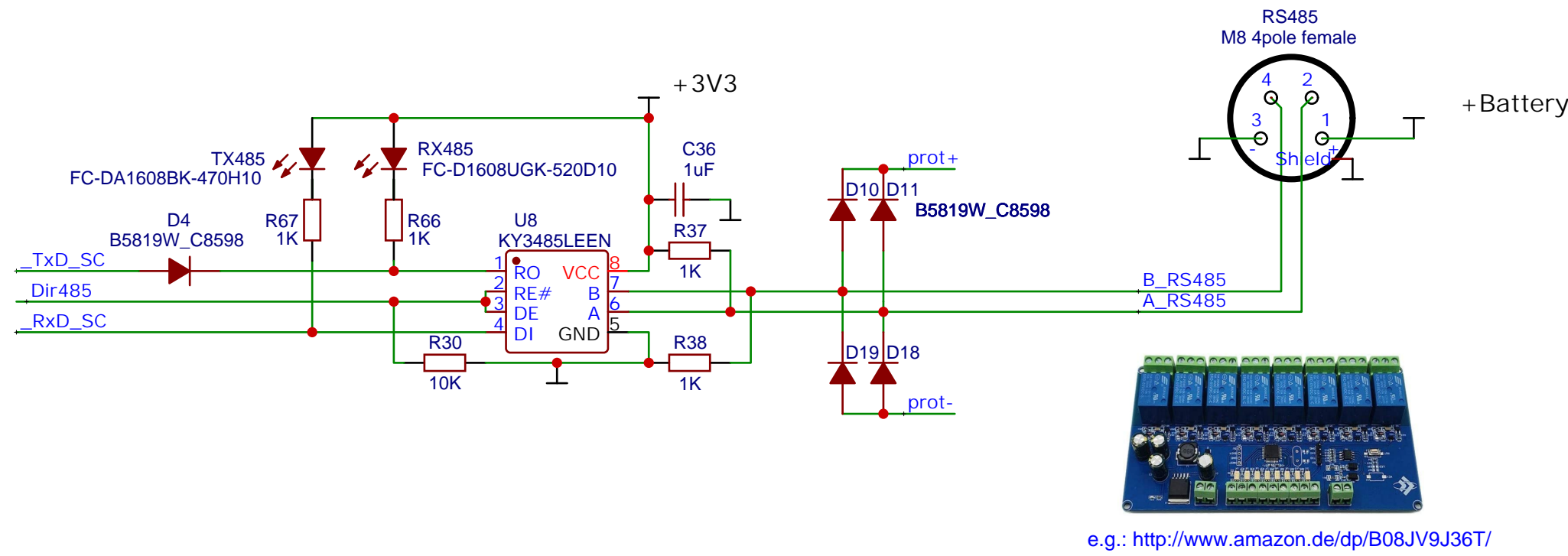
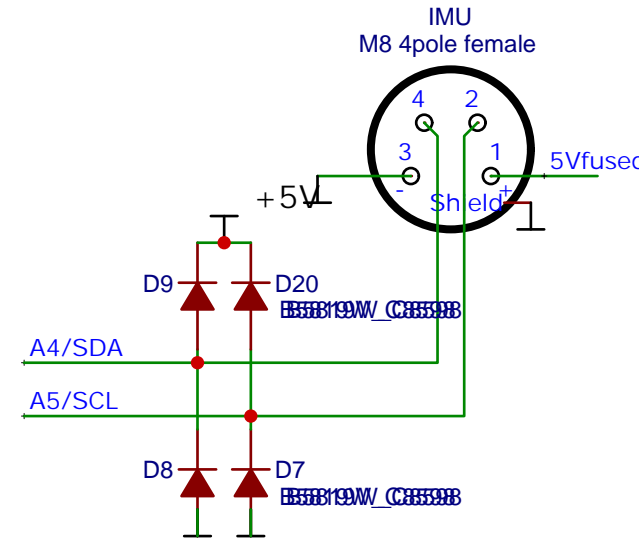


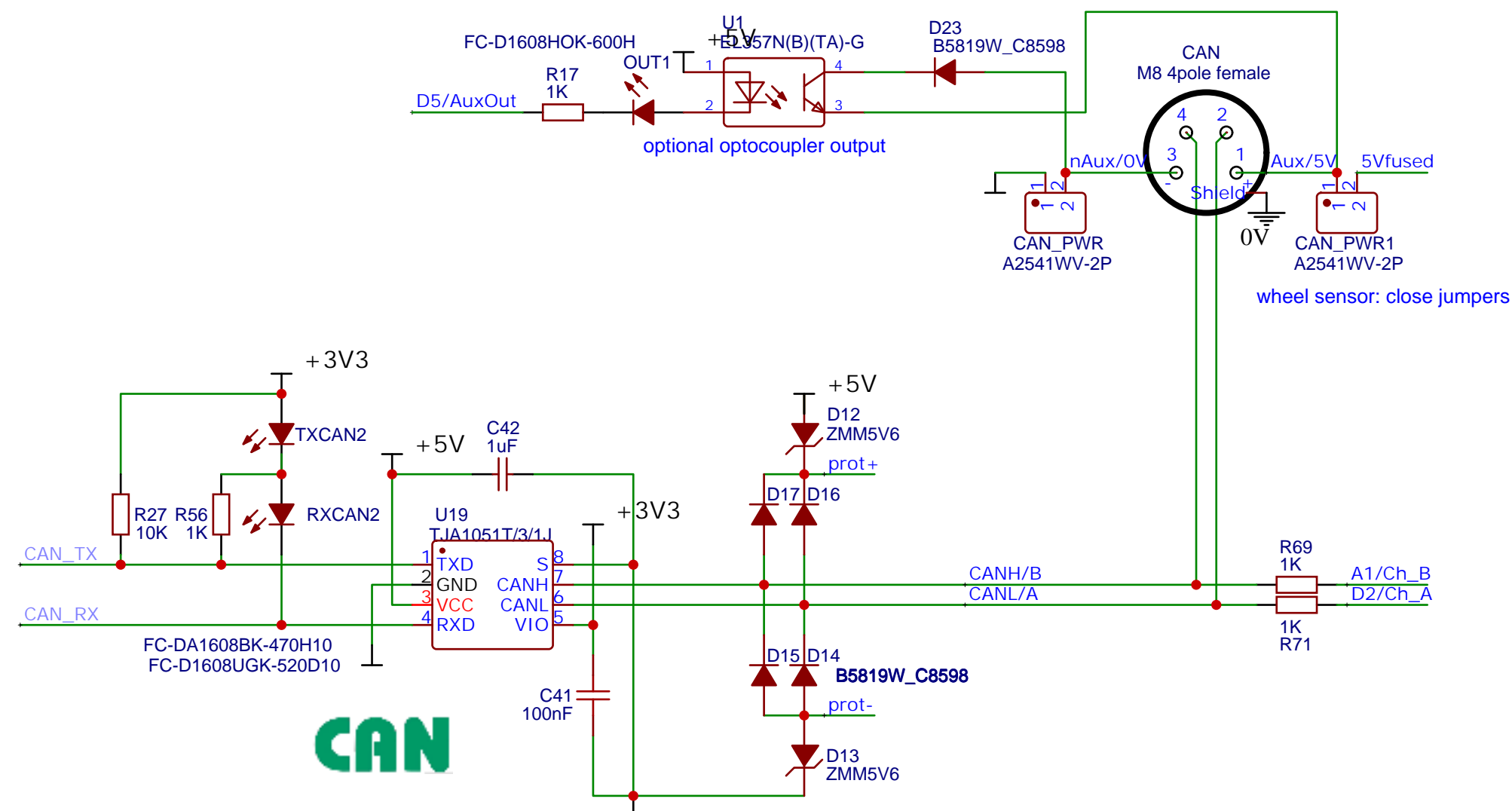
RS485 / ModbusRTU



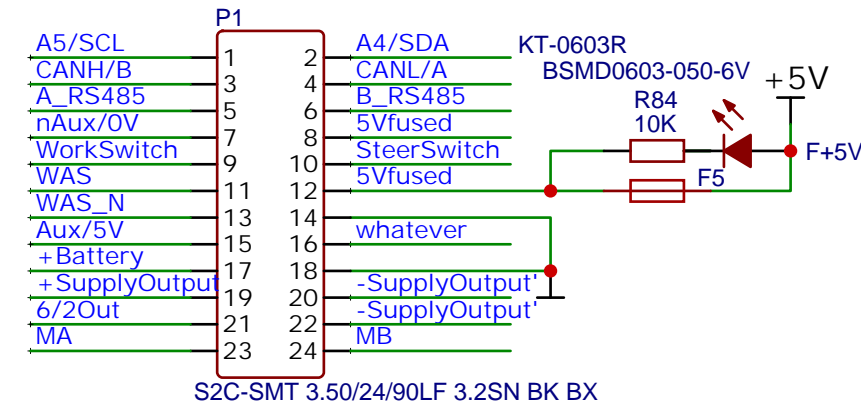
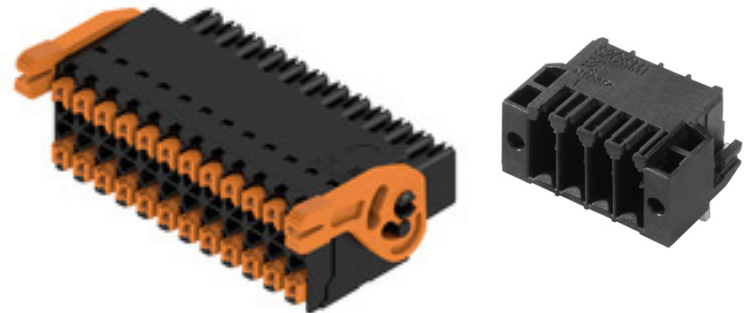
I2C external



CAN & Opto | Wheel Sensor



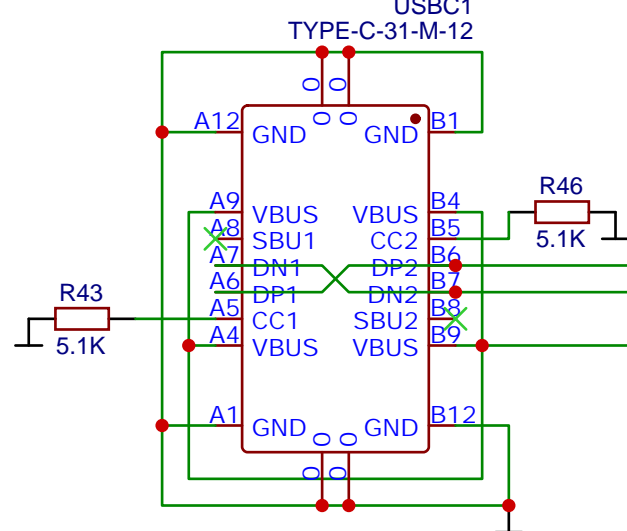
Main connector



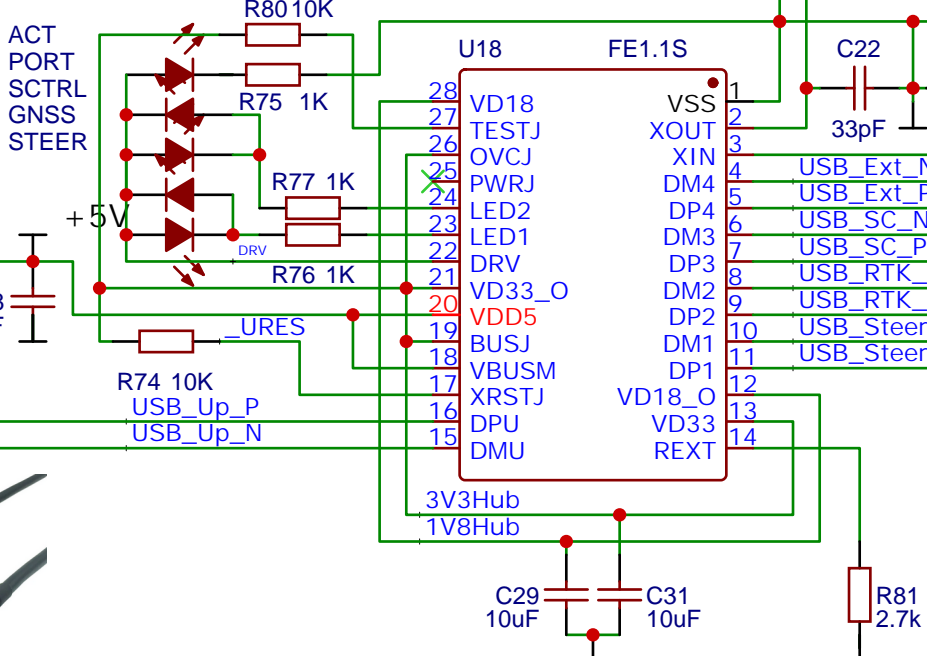
P1: Weidmuller 1289550000 + 1372870000
S2C-SMT 3.50/24/90LF 3.2SN BK BX + B2CF 3.50/24/180LH SN BK BX



USB-C PC/Tablet



FC-D1608UGK-520D10
FC-DA1608BK-470H10
FC-D1608UGK-520D10
FC-DA1608BK-470H10
FC-D1608UGK-520D10

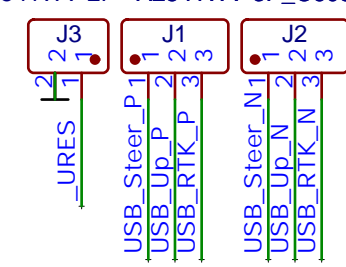


4 Port USB Hub

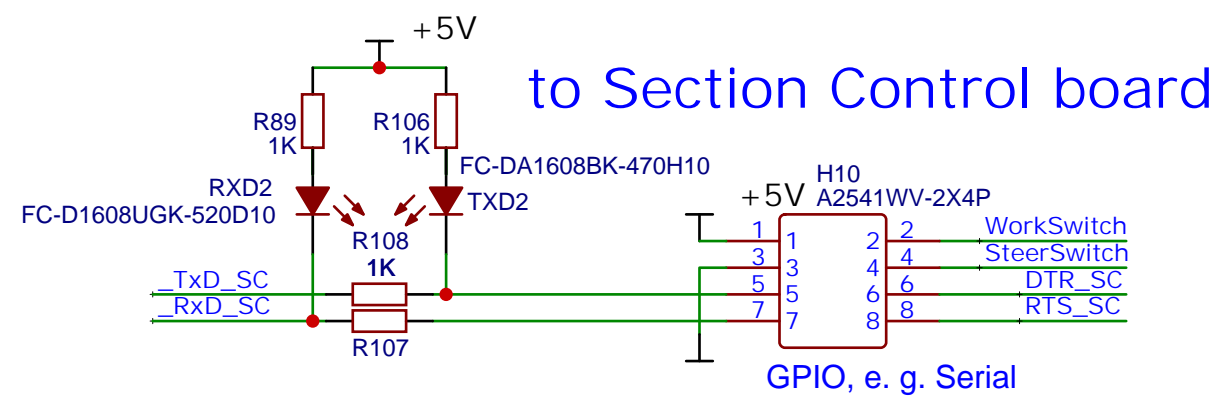
Close J1 1-2, J2 1-2 and J3 if only steering is used (no USB hub)

Close J1 2-3, J2 2-3 and J3 if only dual-RTK is used (no USB hub)

A2541WV-2P A2541WV-3P_C609572

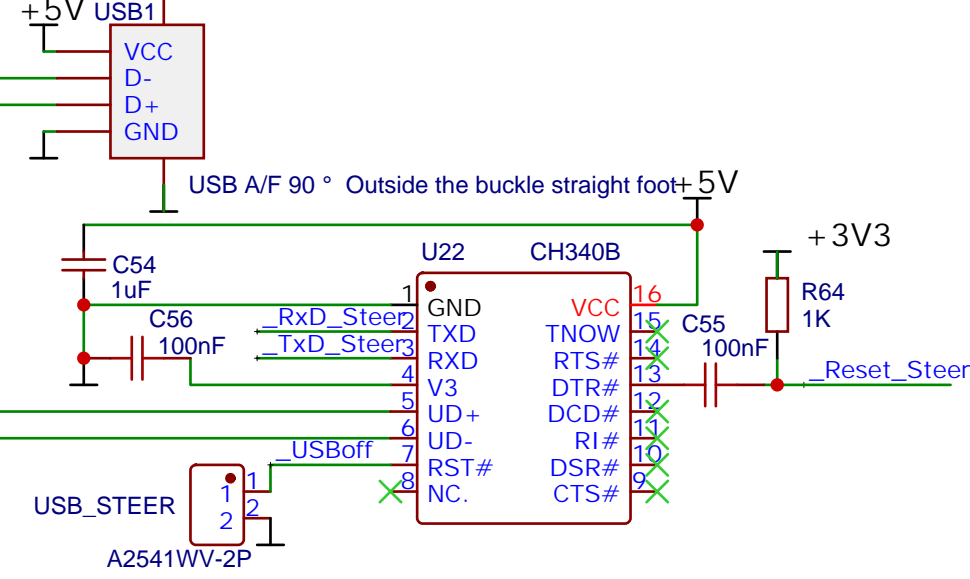
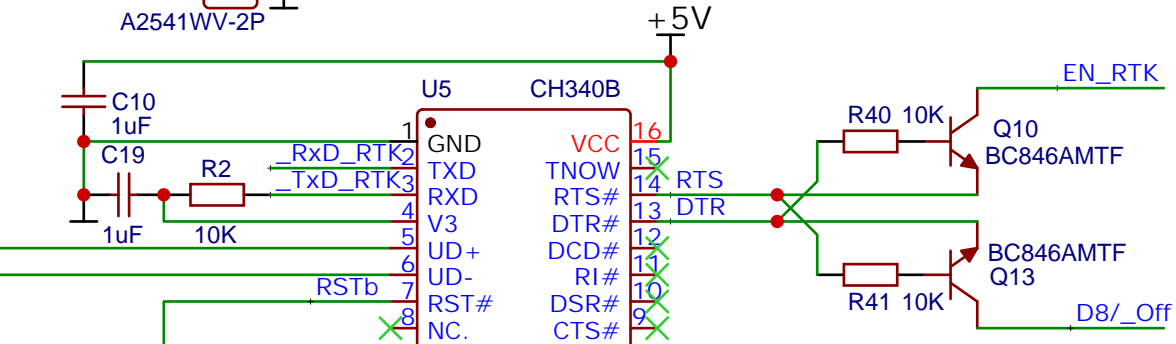
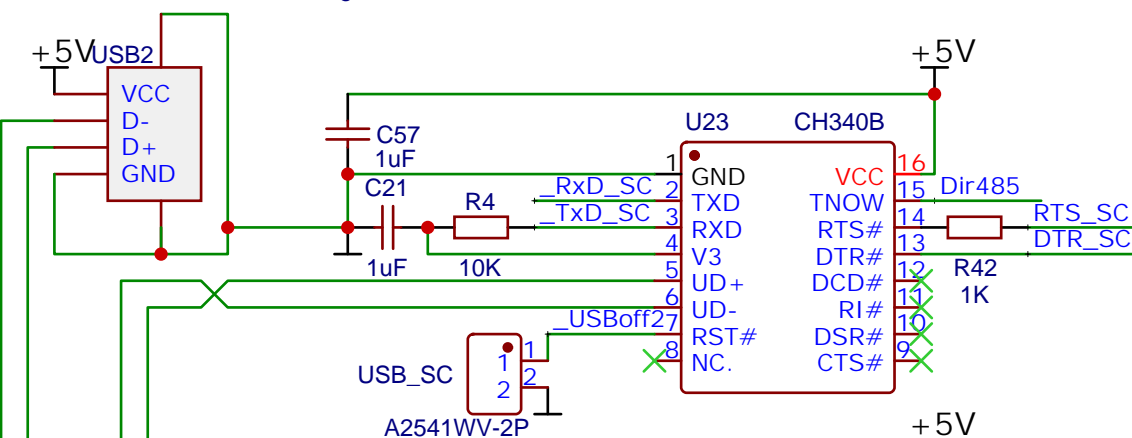


LED colors:
white: power
green/blue: serial data RxD/TxD
yellow/orange: I/O
red: error

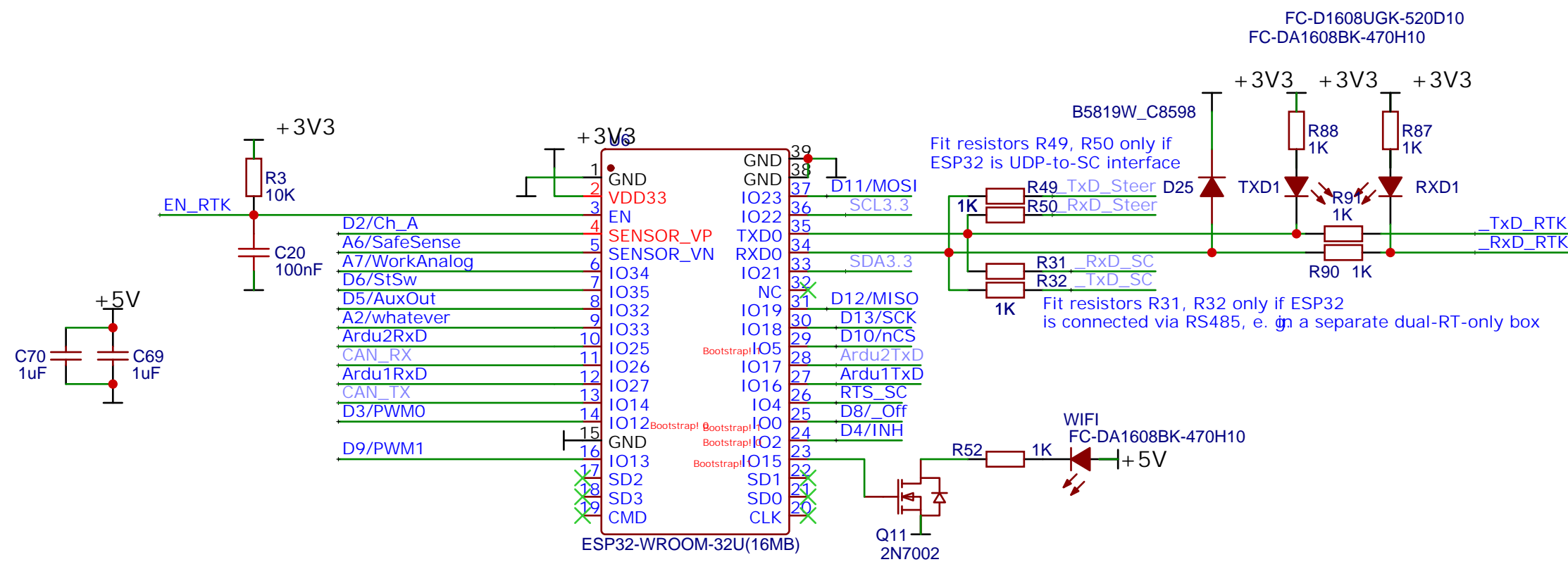
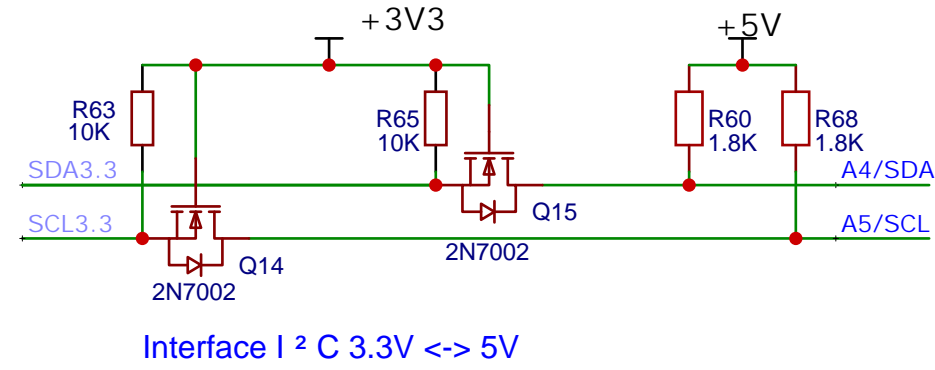
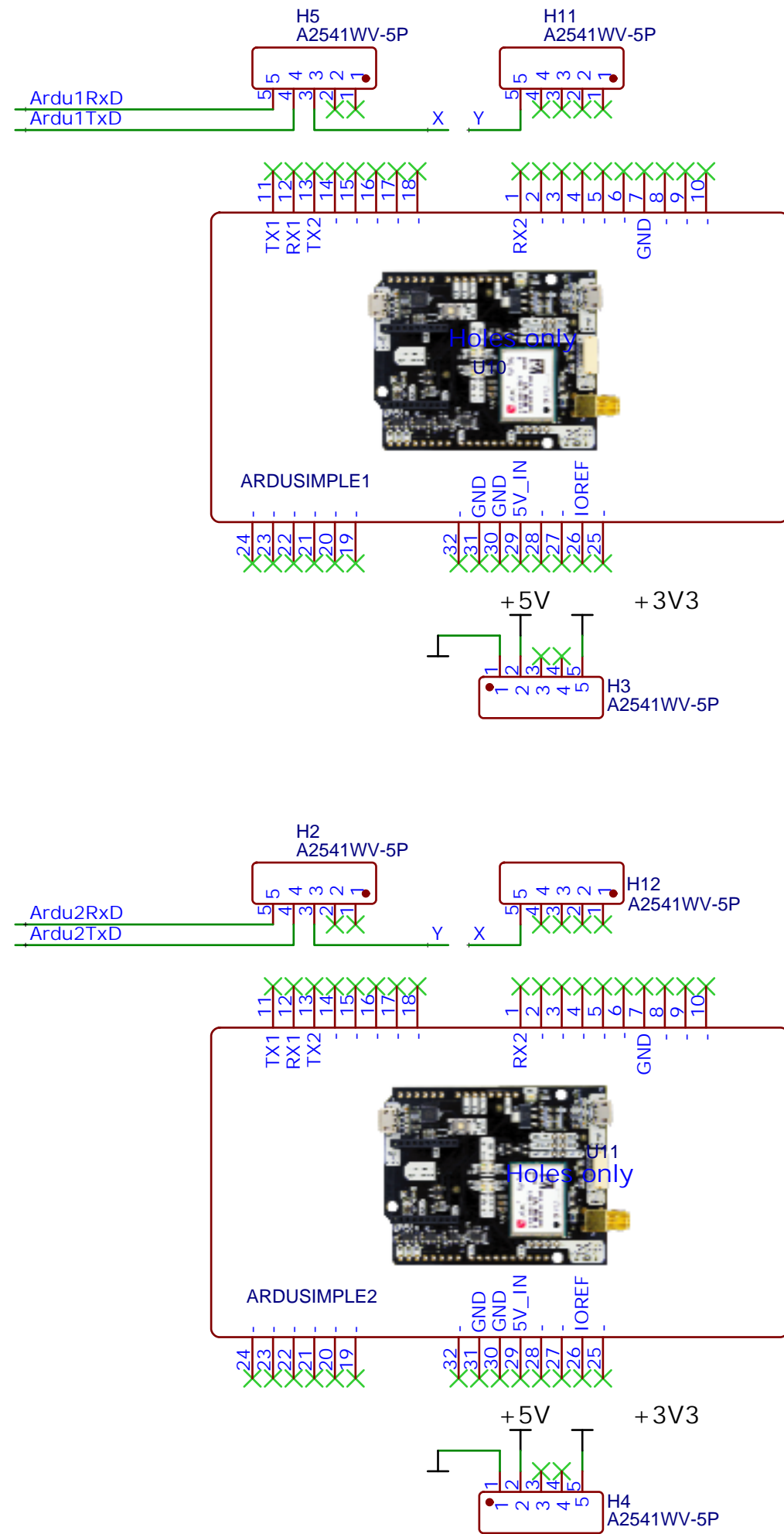


to Section Control board

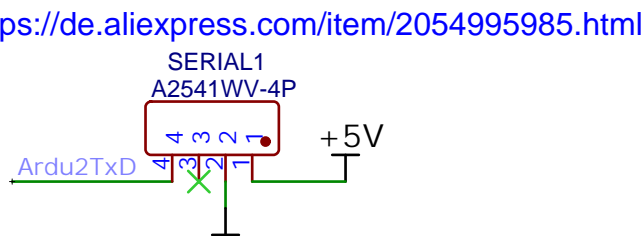
USB A/F 90 ° Outside the buckle straight foot



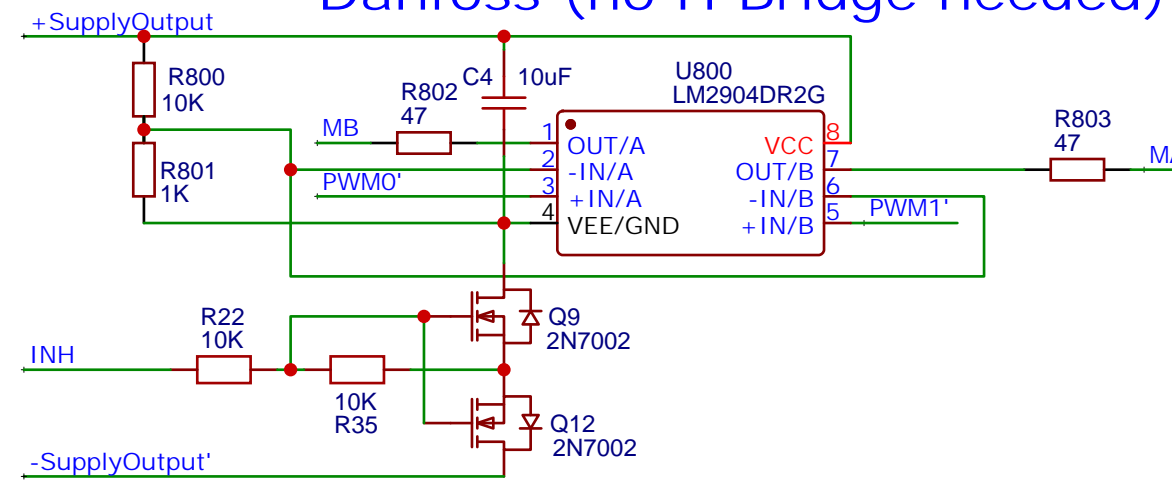
Ardusimple Onboard Module(s)



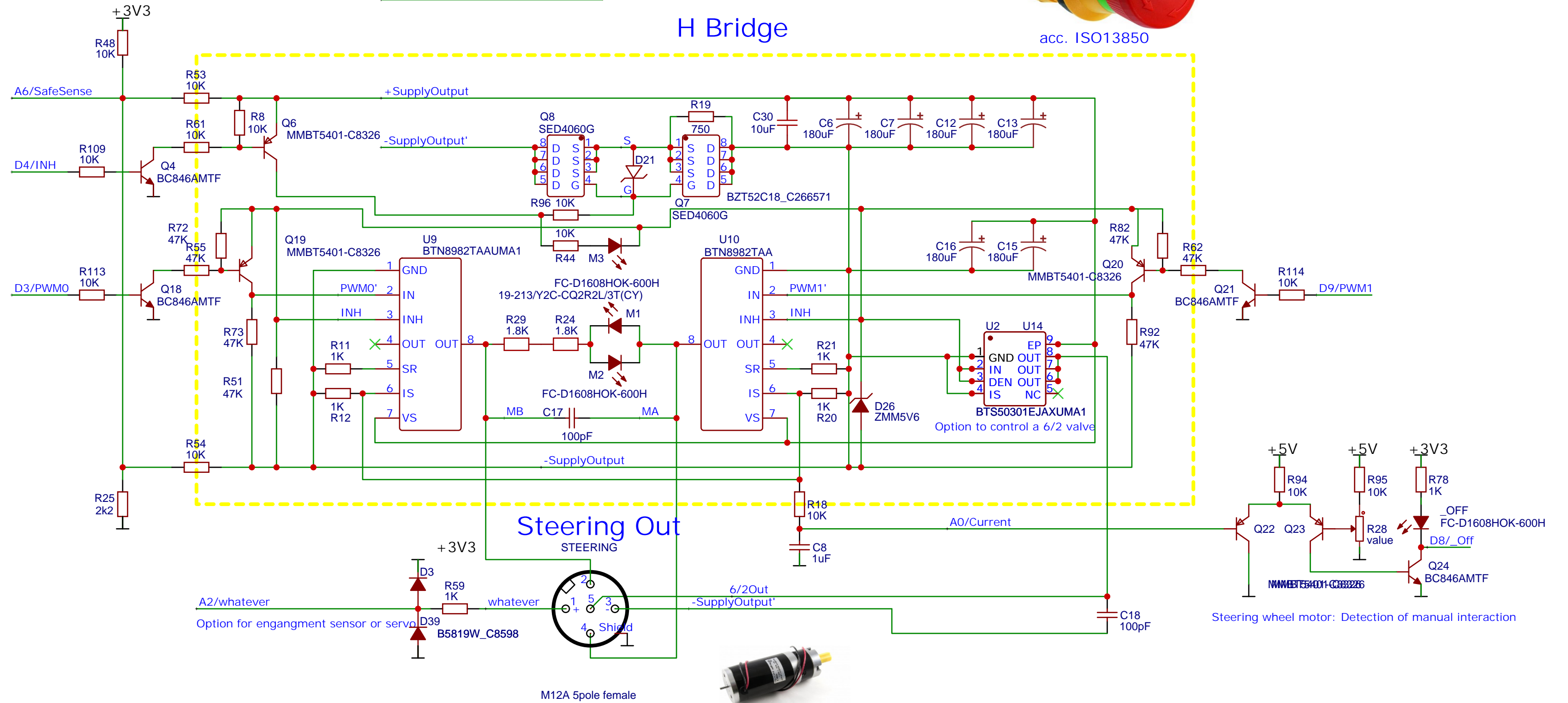
Option: RS232/Speed Pulse DIN9684



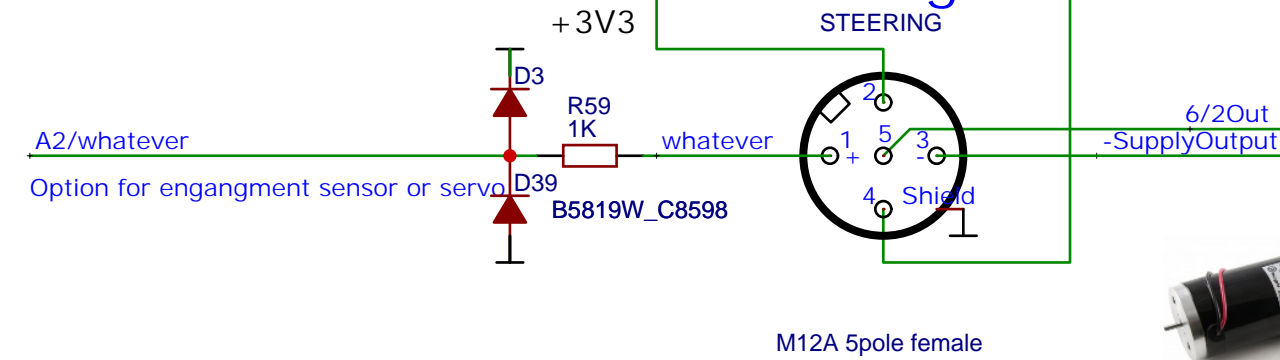
Danfoss (no H Bridge needed)



H Bridge

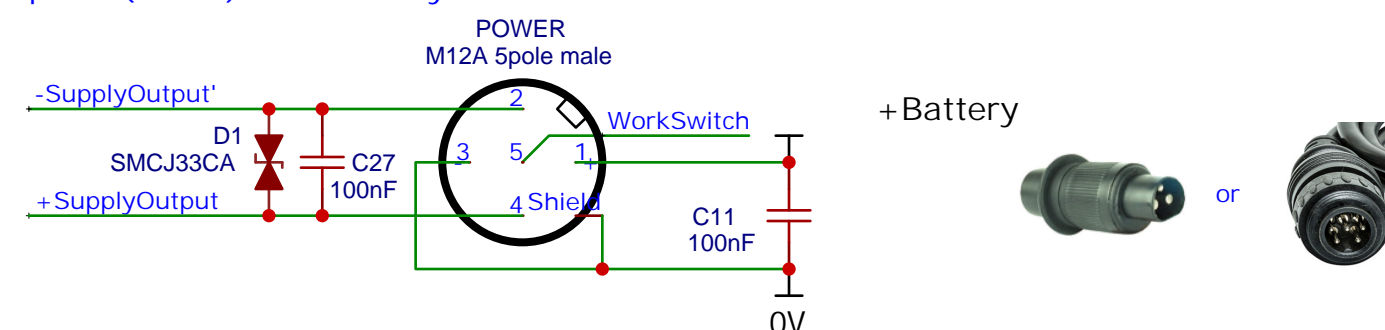


Steering Out



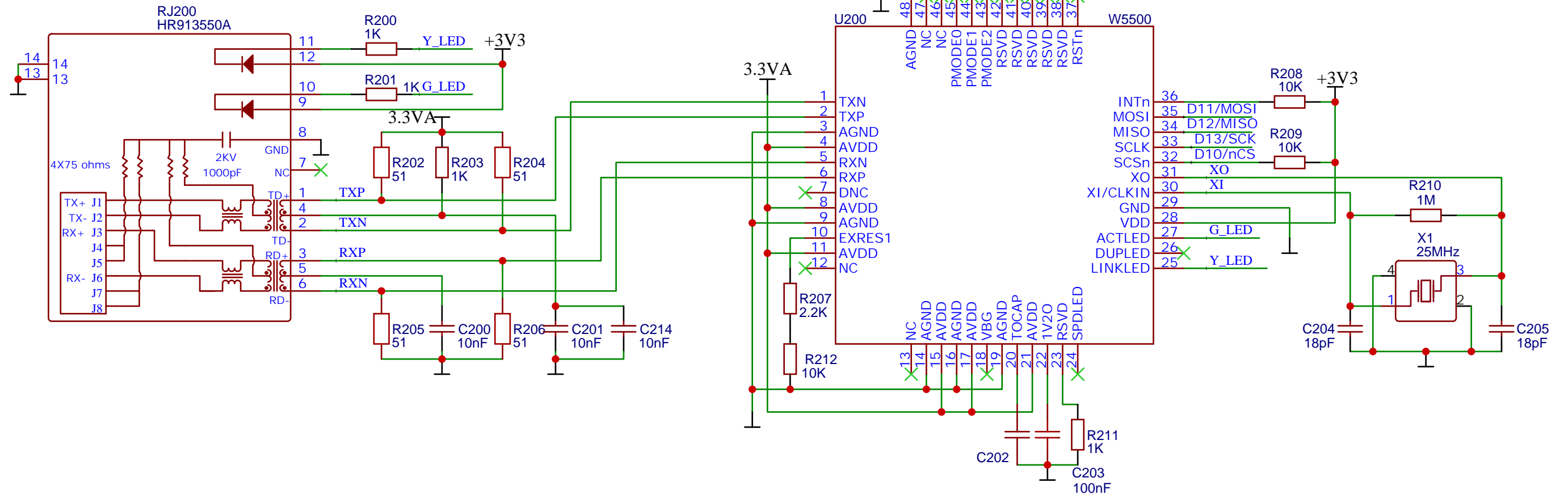
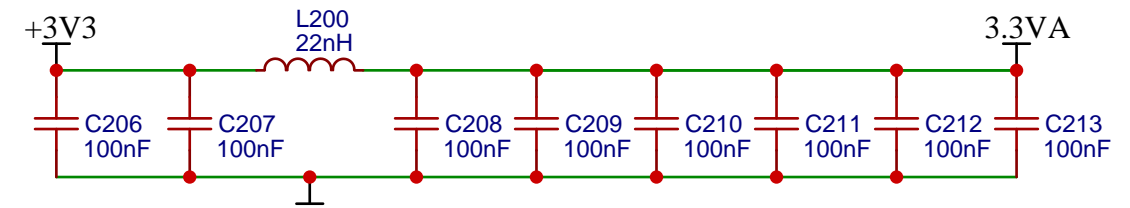
Power Input Connector / ISO 11786 plug (Amphenol C016 30H006 110 12)

Socket DIN 9681-1 ISO 11786 e. g. Fendt X007 plug / Steyr, etc:
 pin 4 => WorkSwitch digital (low = lower end, high = higher end pos)
 pin 5 (Fendt, if connected) => WorkSwitch analog instead of pin 4 (0V = lower end, 10/14V = upper end pos)
 pin 6 (Fendt) => +Battery and via Stopp switch (5A max for ISO plug!)
 pin 7 (Fendt) => -Battery



TITLE: Motor Driver, Power Input		REV: 2.0
Company: https://discourse.agopengps.com		Sheet: 6/8
Date: 2021-09-18	Drawn By: GoRoNb	

Option: Ethernet



TITLE: W5500 Ethernet driver		REV: 2.0
EasyEDA	Company: https://discourse.agopengps.com	Sheet: 7/8
	Date: 2021-09-18	Drawn By: buithehao1512



Power Supply 5V \Rightarrow 3V3

1	2	3	4	5	6	7	8
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