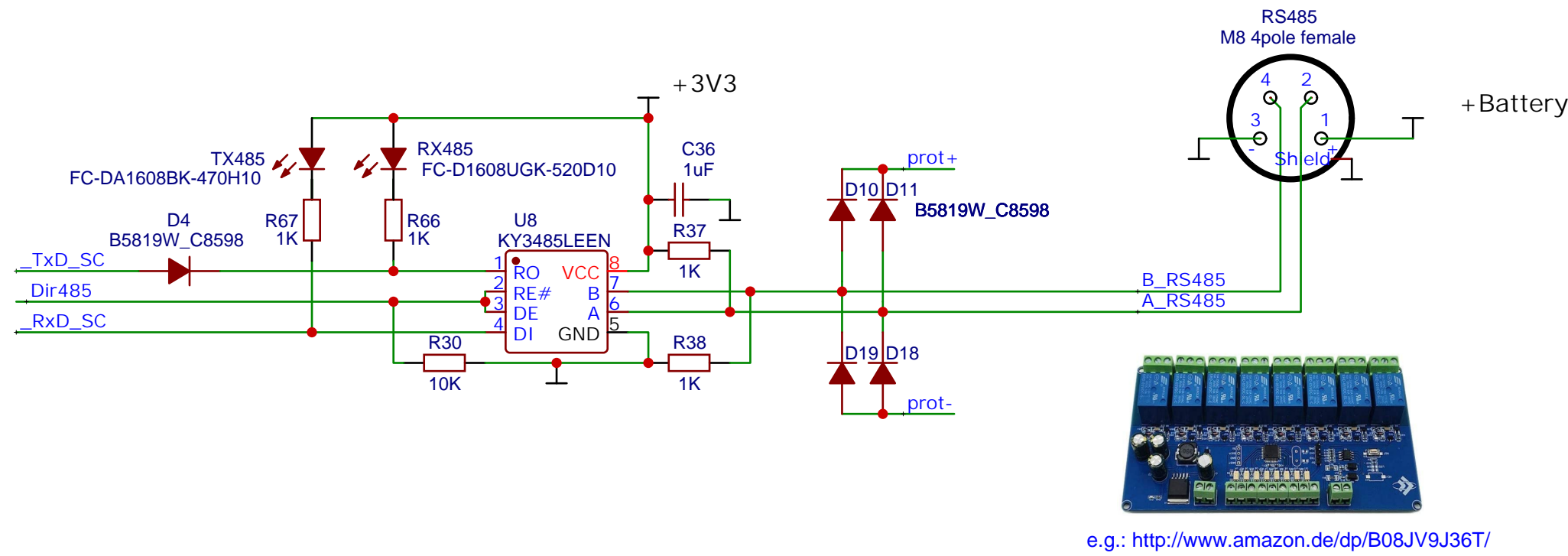
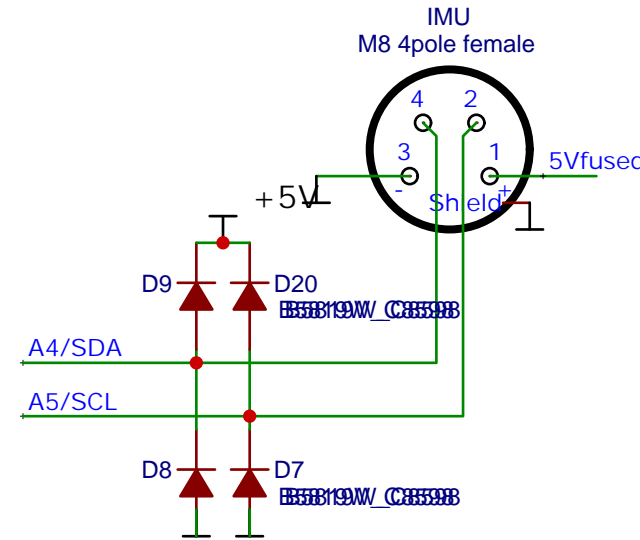


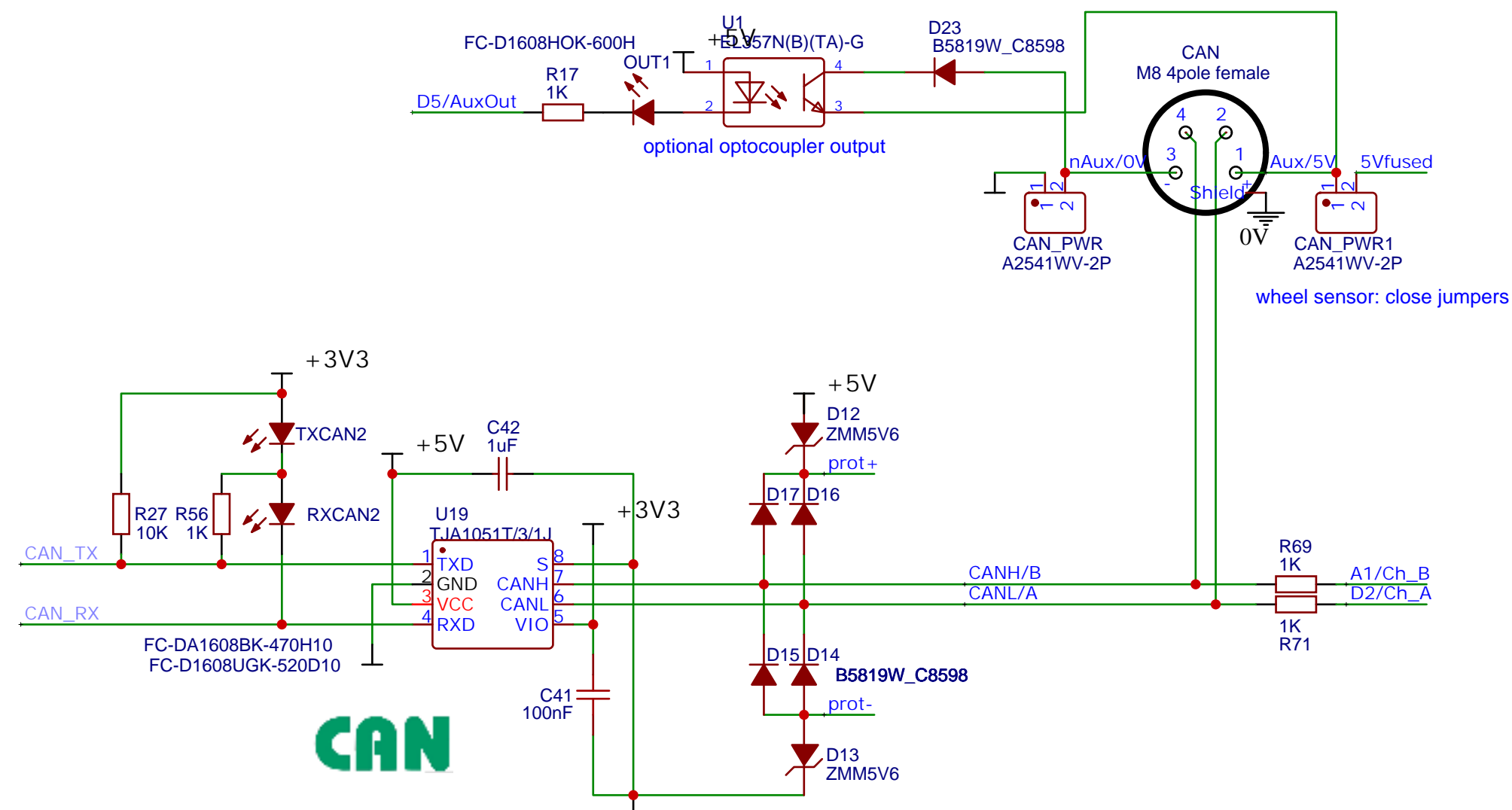
# RS485 / ModbusRTU



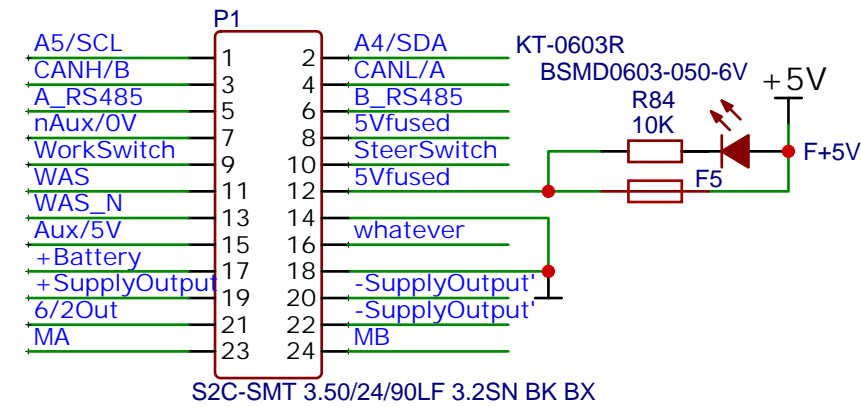
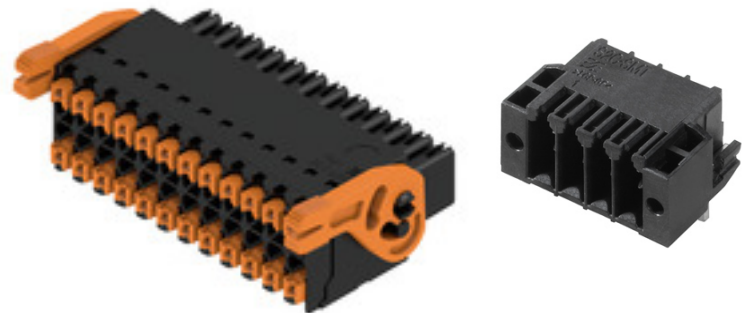
# I2C external



# CAN & Opto | Wheel Sensor



# Main connector

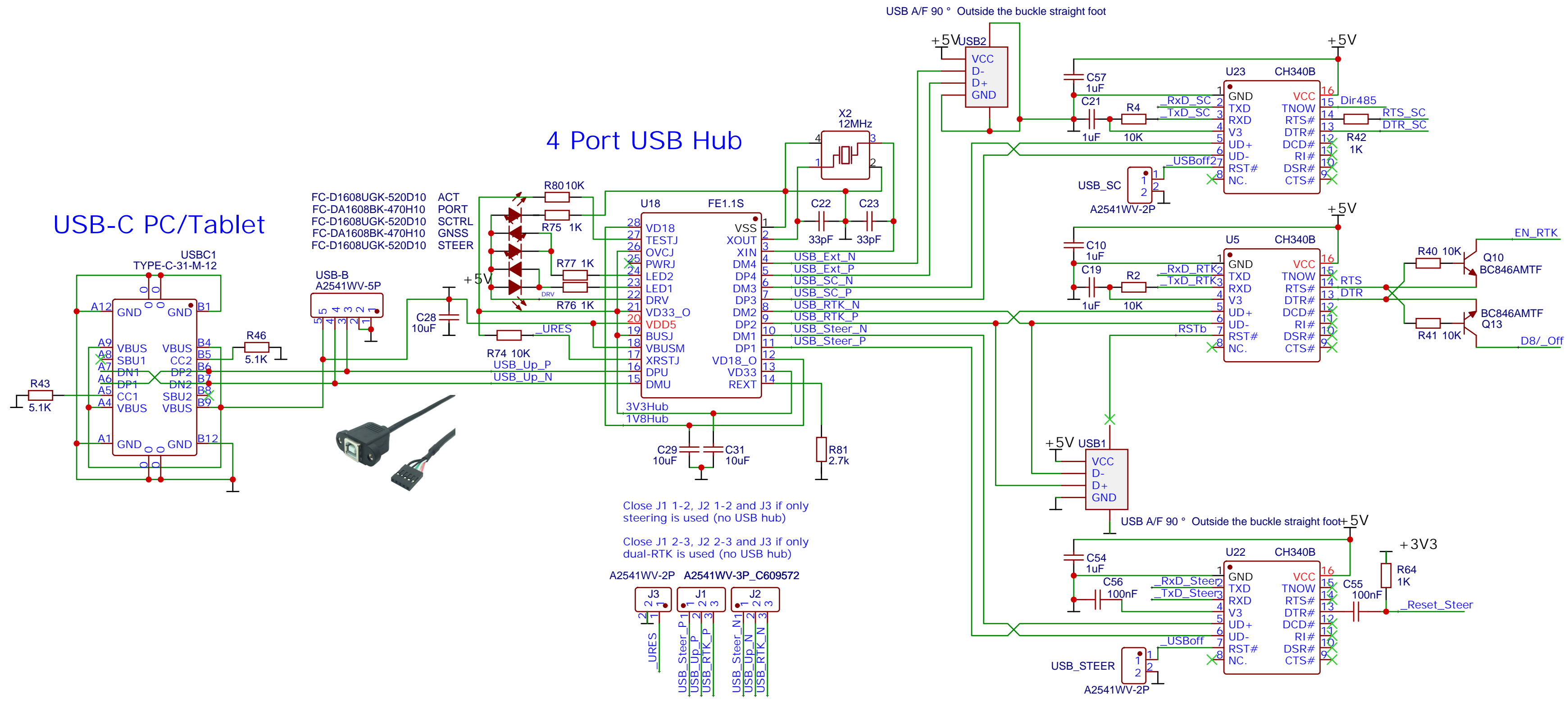
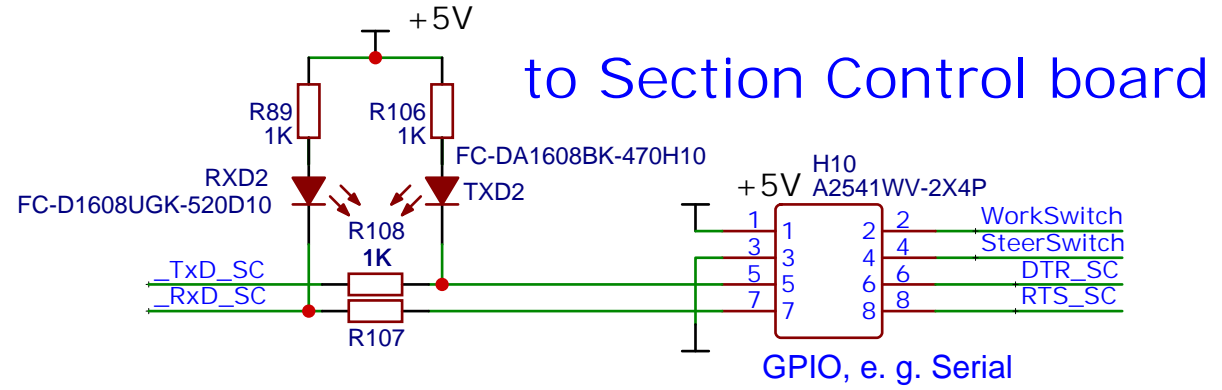


P1: Weidmuller 1289550000 + 1372870000  
S2C-SMT 3.50/24/90LF 3.2SN BK BX + B2CF 3.50/24/180LH SN BK BX

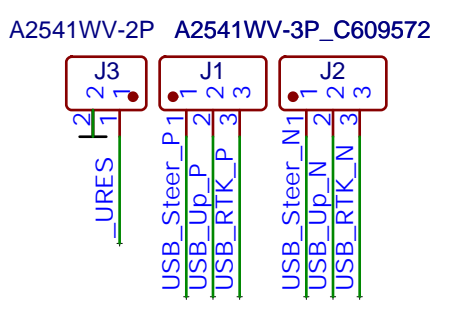




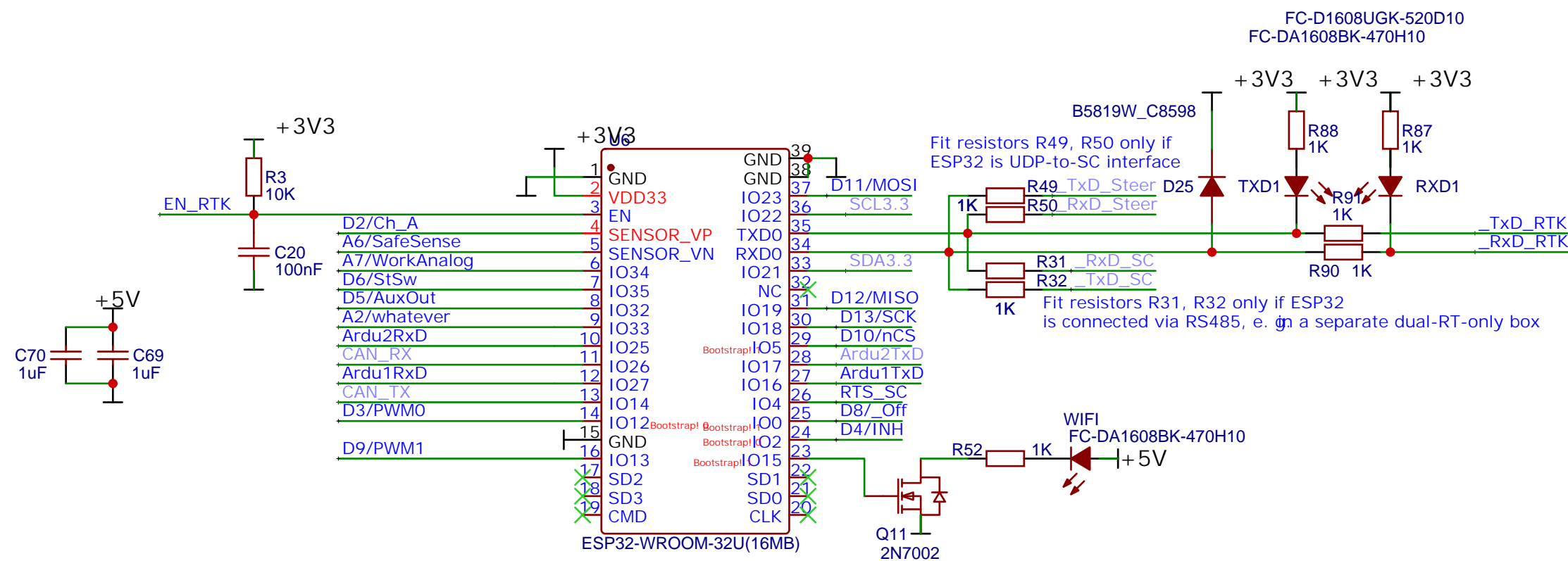
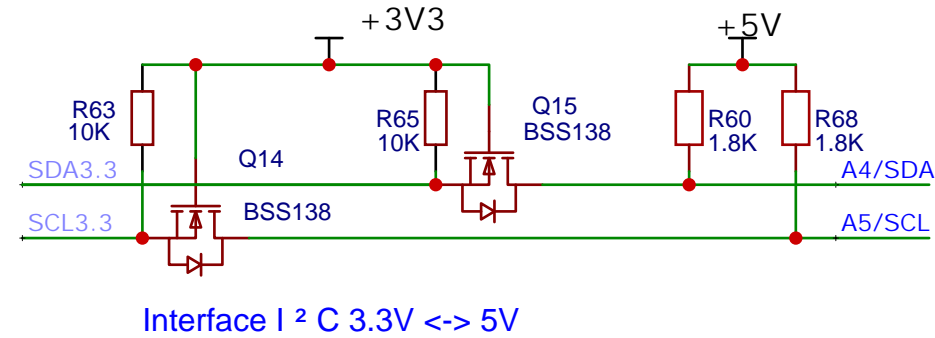
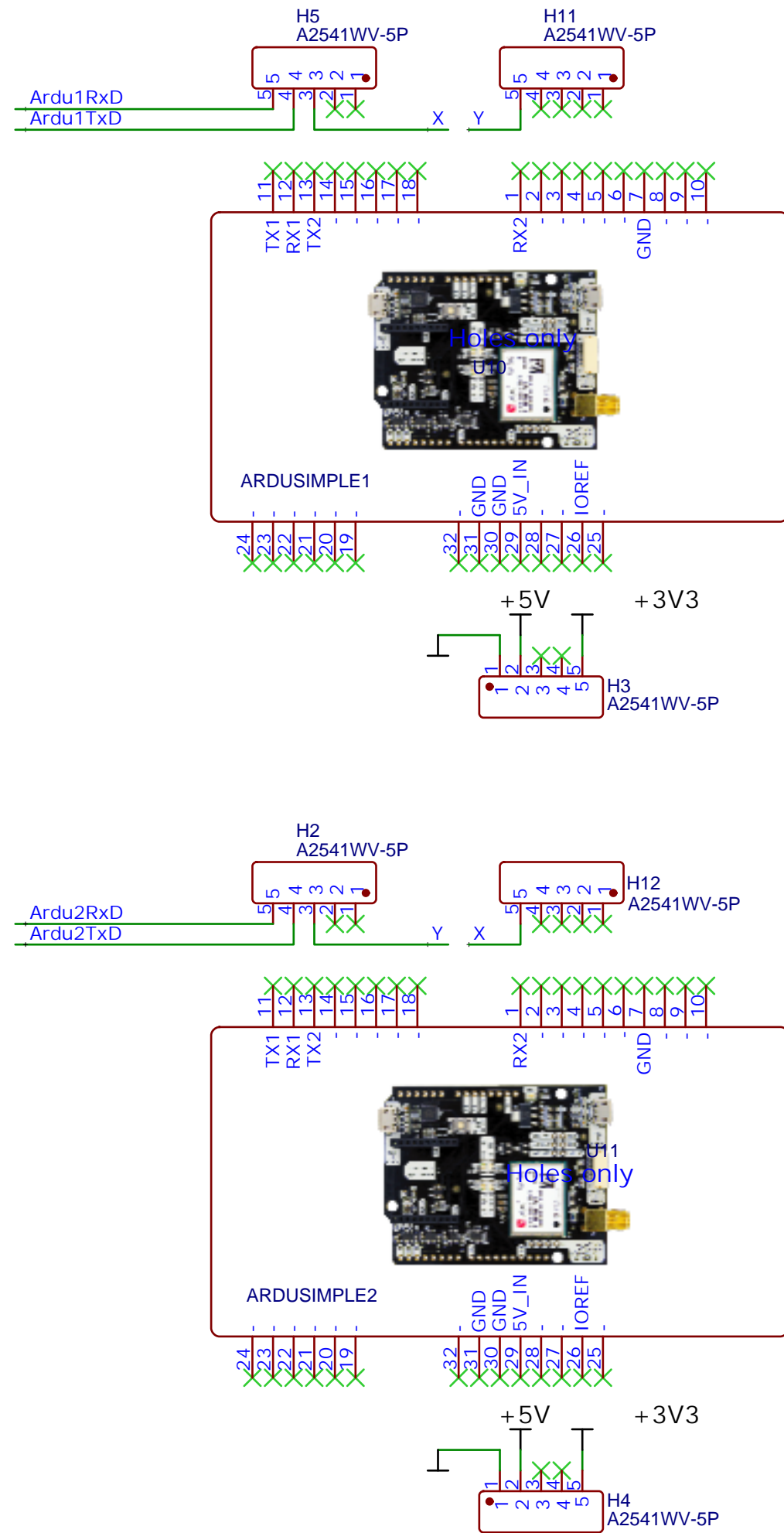
LED colors:  
white: power  
green/blue: serial data RxD/TxD  
yellow/orange: I/O  
red: error



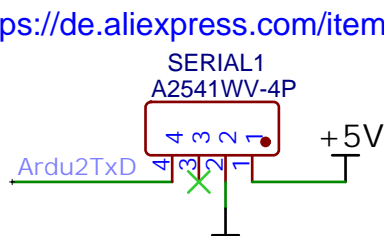
Close J1 1-2, J2 1-2 and J3 if only steering is used (no USB hub)  
Close J1 2-3, J2 2-3 and J3 if only dual-RTK is used (no USB hub)



Ardusimple Onboard Module(s)

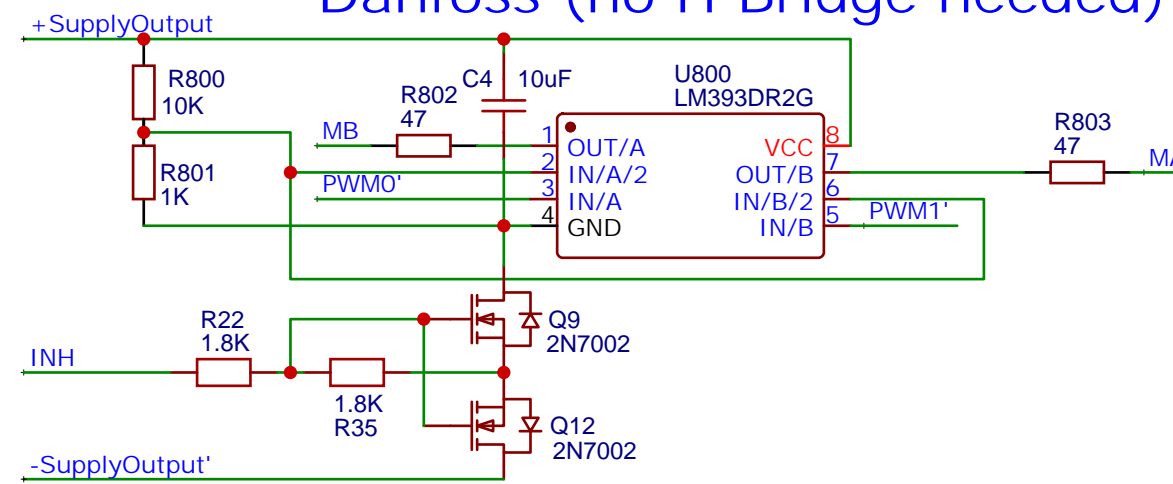


Option: RS232/Speed Pulse DIN9684



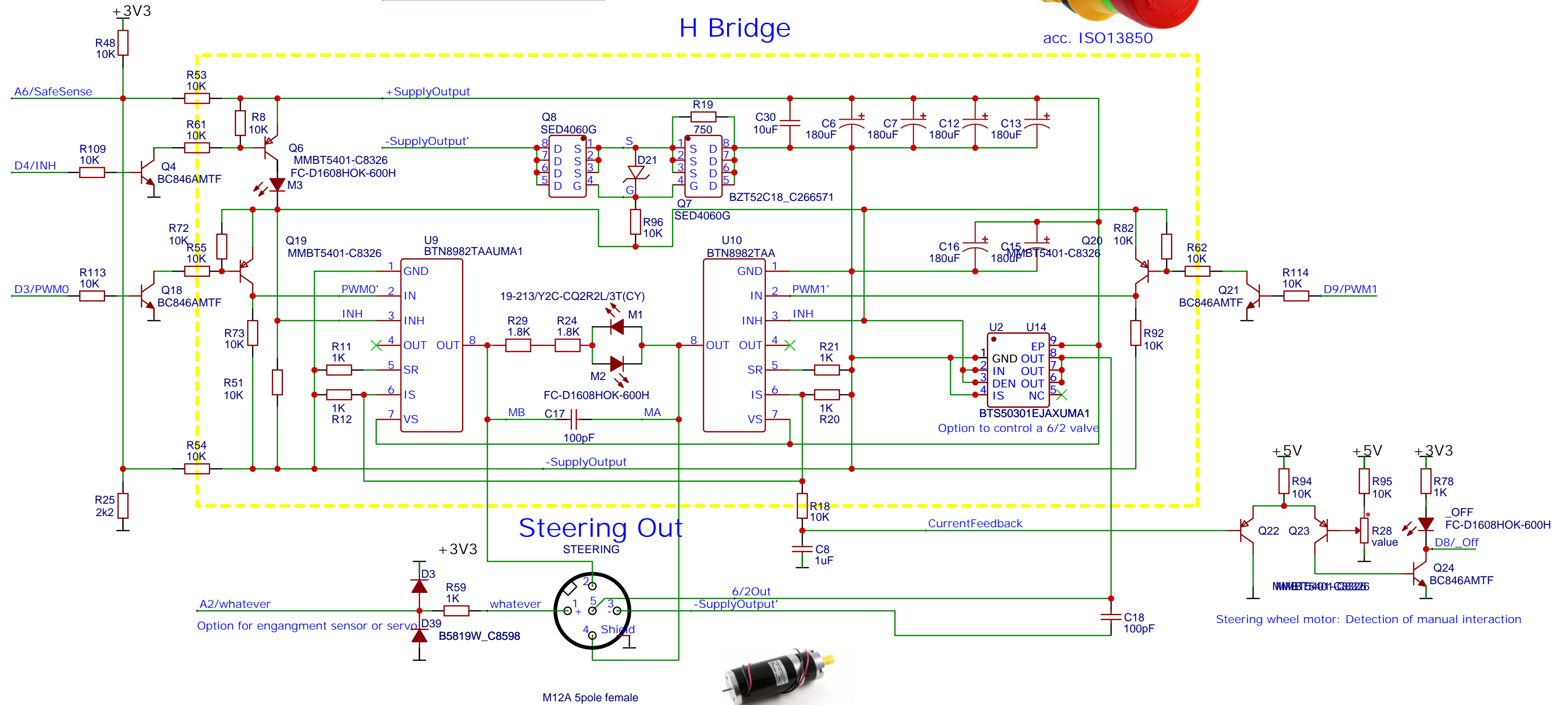


## Danfoss (no H Bridge needed)

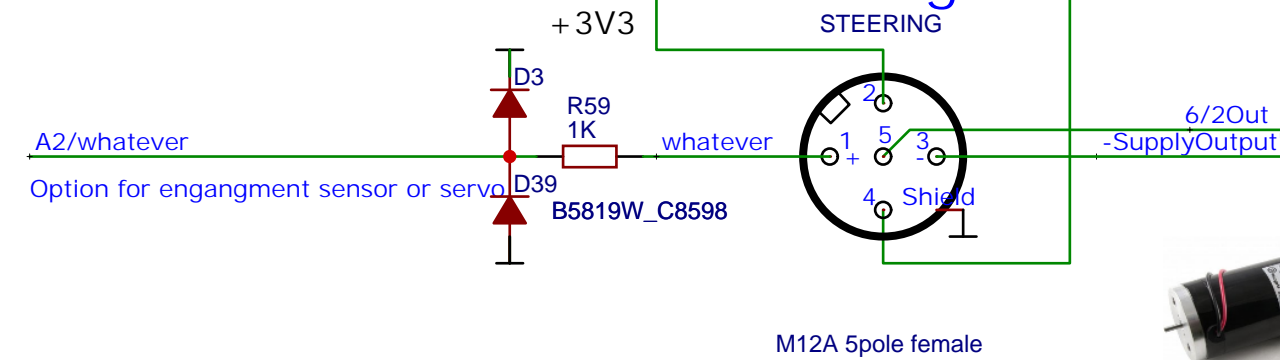


acc. ISO13850

## H Bridge



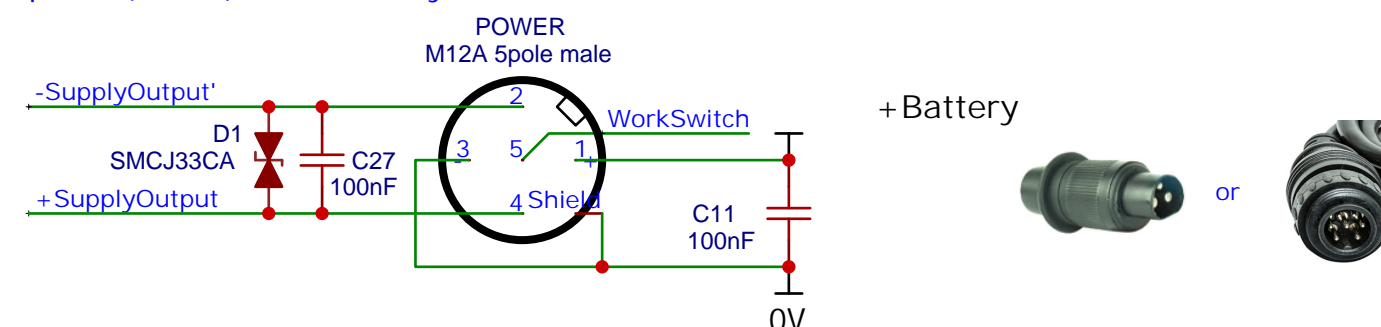
## Steering Out



(or valves)

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

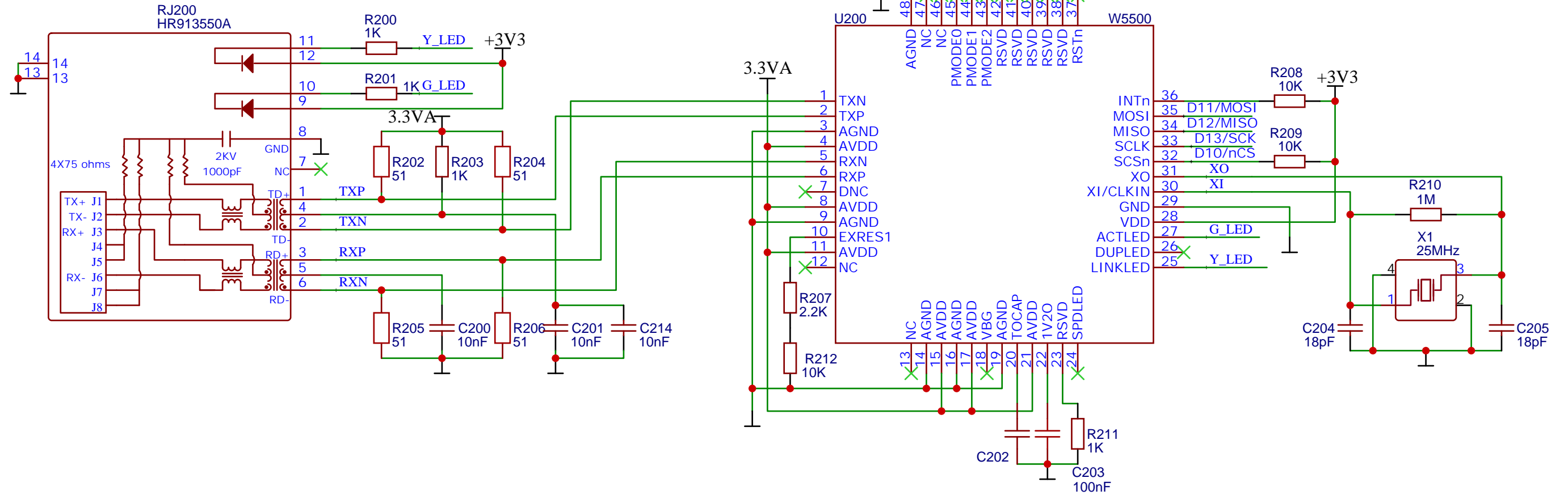
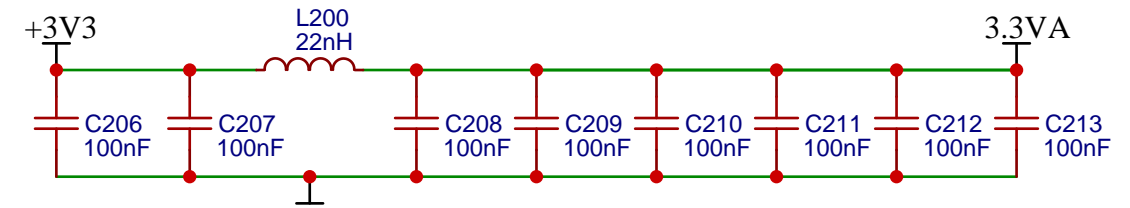
Socket DIN 9681-1 ISO 11786 e. g. Fendt X007 plug / Steyr, etc:  
 pin 4 => WorkSwitch digital (low = lower end, high = higher end pos)  
 pin 5 (Fendt, if connected) => WorkSwitch analog instead of pin 4 (0V = lower end, 10/14V = upper end pos)  
 pin 6 (Fendt) => +Battery and via Stopp switch (5A max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



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

EasyEDA

# Option: Ethernet



TITLE: W5500 Ethernet driver		REV: 2.0
EasyEDA	Company: <a href="https://discourse.agopengps.com">https://discourse.agopengps.com</a>	
	Date: 2021-09-18 Drawn By: buithehao1512	



Power Supply 5V  $\Rightarrow$  3V3

1	2	3	4	5	6	7	8
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