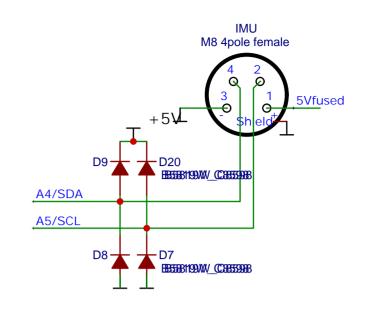
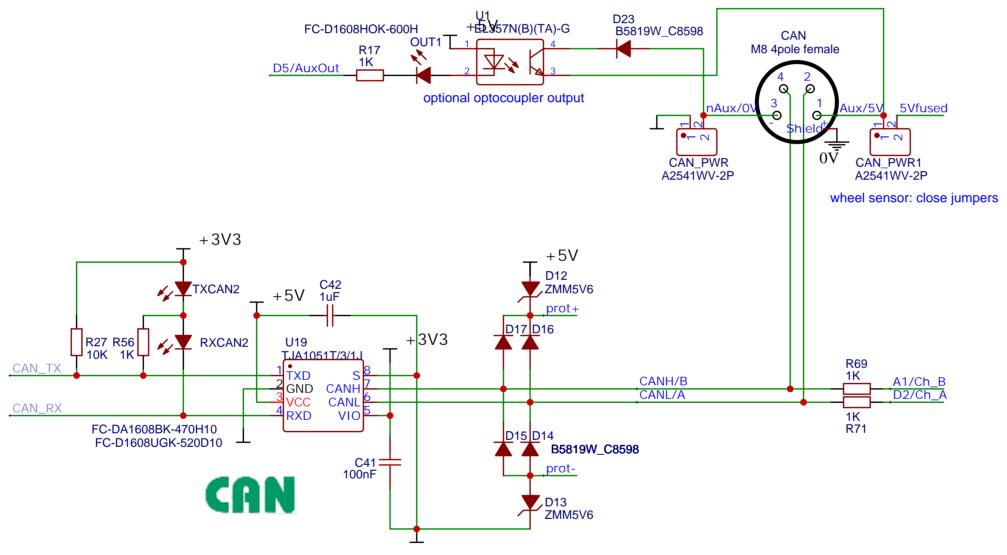


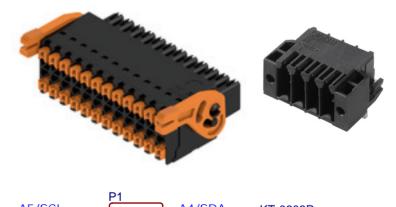
## 12C external

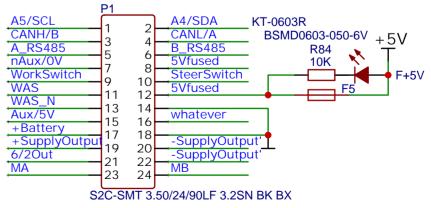


# CAN & Opto | Wheel Sensor



#### Main connector

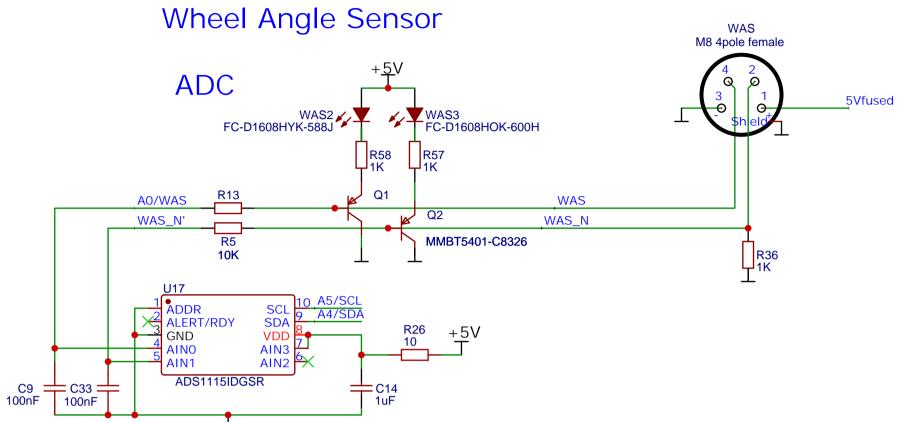


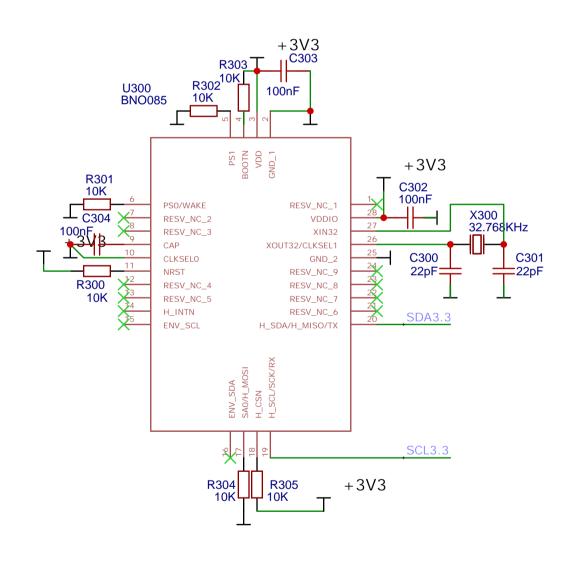


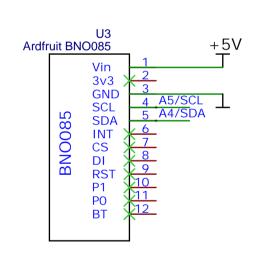
P1: Weidmuller 1289550000 + 1372870000 S2C-SMT 3.50/24/90LF 3.2SN BK BX + B2CF 3.50/24/180LH SN BK BX

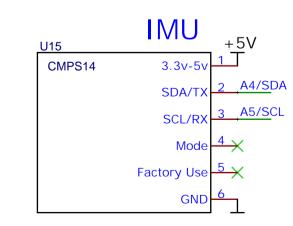
TITLE: Serial Communication, PushIn Connector						REV:	2.0	
<b>⇔</b> EasyEDA		Compar	יyhttps:/	/discou	urse.agoper	ngps.com	Sheet	1/8
	COSYEDA	Date:	2021-09	9-18	Drawn By:	GoRoNb		

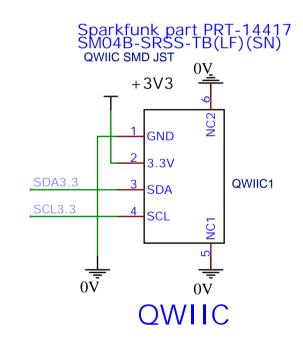












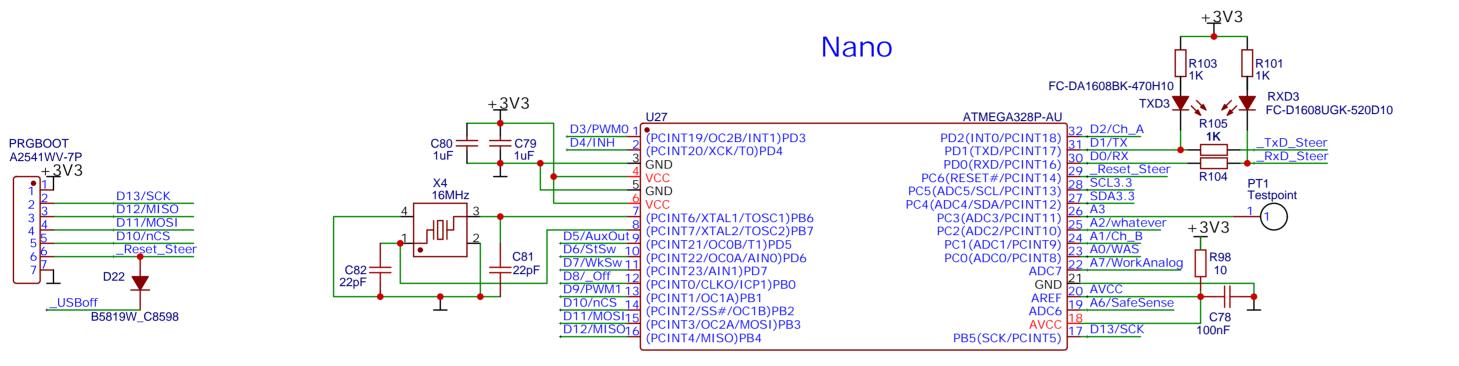
TITLE: Sensors (RTK, ADC, IMU)

REV: 2.0

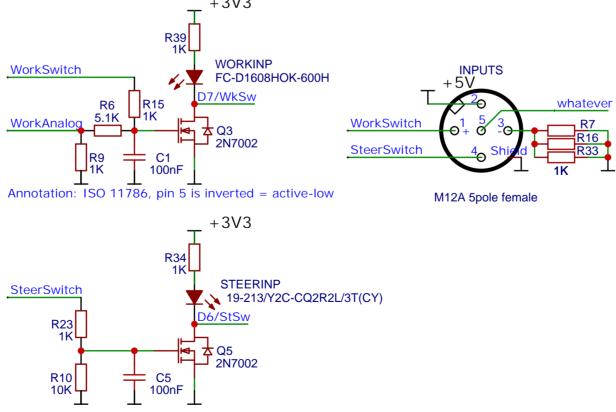
EasyEDA Date

Companyhttps://discourse.agopengps.com/ Sheet: 2/8

Date: 2021-09-18 Drawn By: GoRoNb



## **Protected General Propose Inputs**

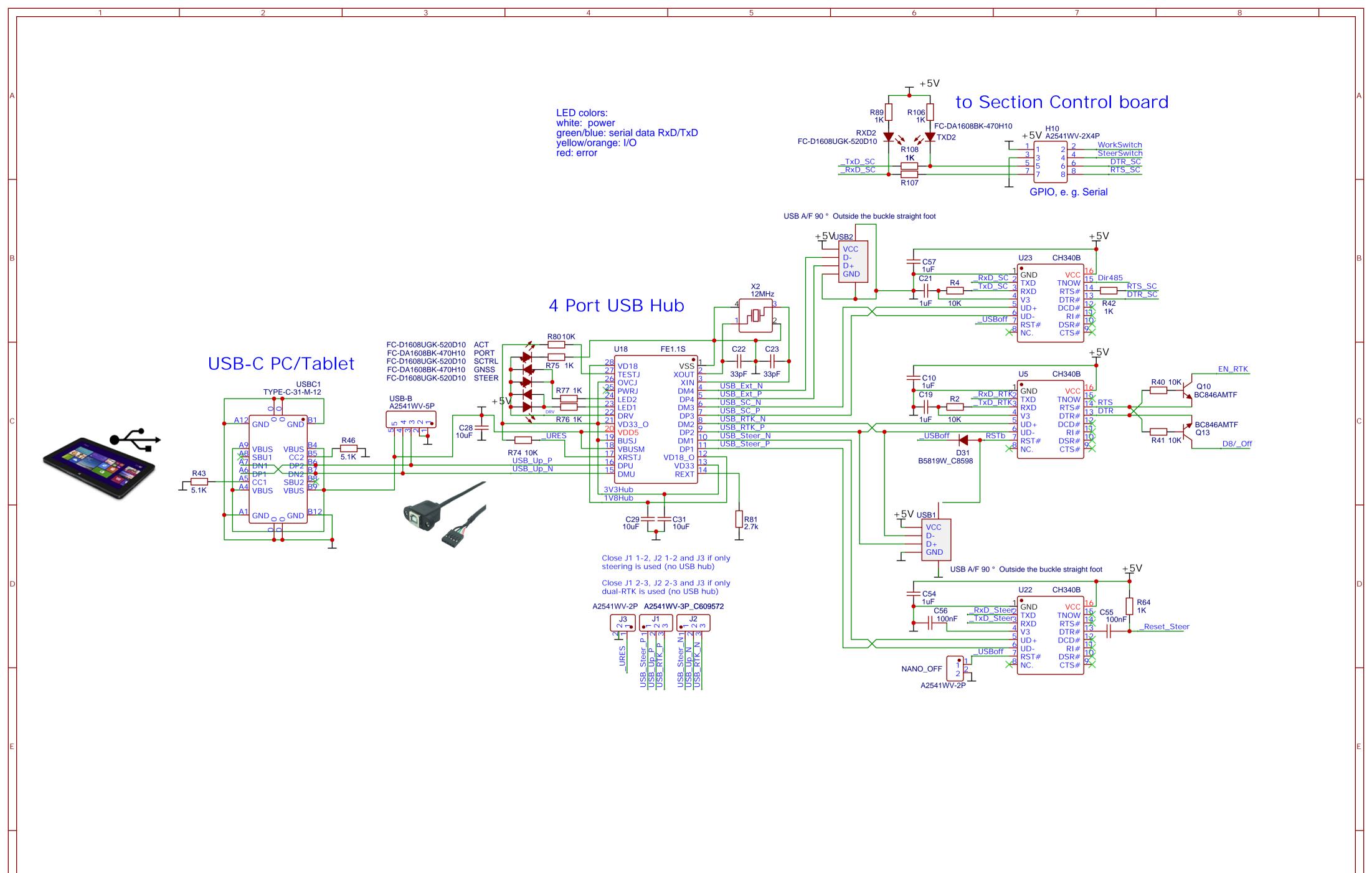


T +5V +5V

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

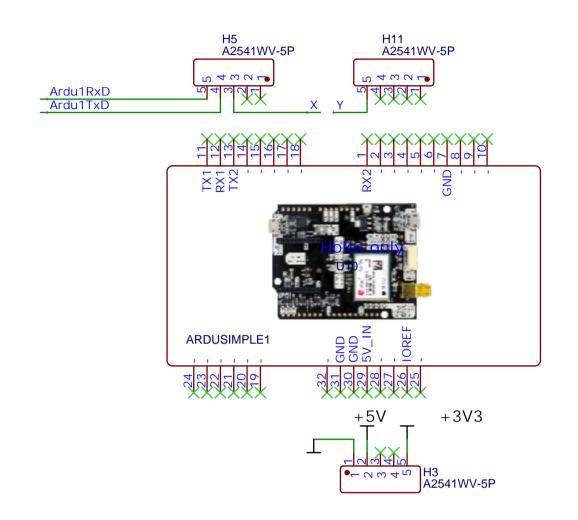
TITLE: Teensy 4.1, USB, Inputs REV: 2.0 Companyhttps://discourse.agopengps.com Sheet: 3/8

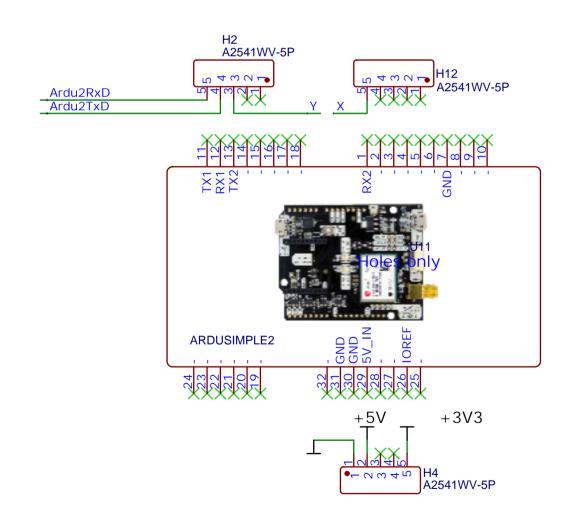
**EasyED** Date: 2021-09-18 Drawn By: GoRoNb

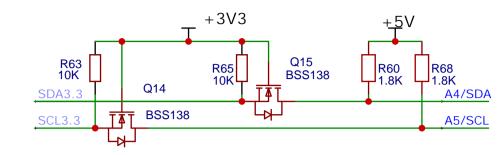


TITLE: USB & 3.3V SMPS REV: 2.0 Company https://discourse.agopengps.com | Sheet: 4/8 **EasyEDA** Date: 2021-09-18 Drawn By: GoRoNb

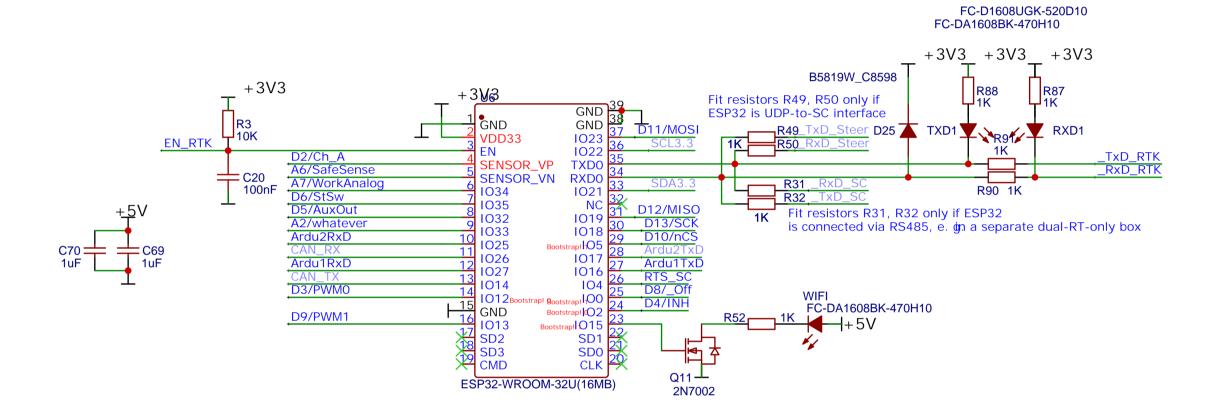
# Ardusimple Onboard Module(s)







Interface I <sup>2</sup> C 3.3V <-> 5V

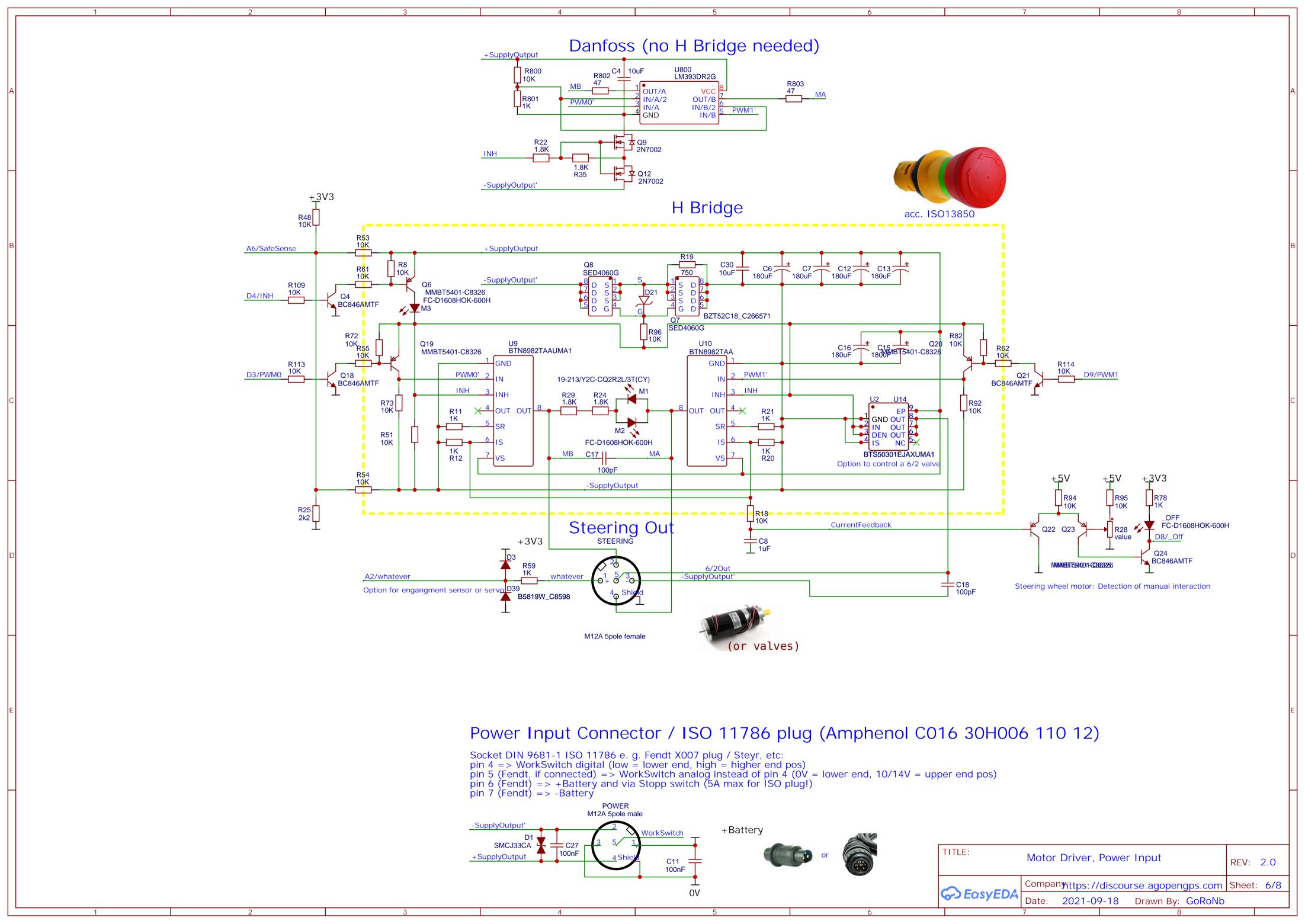


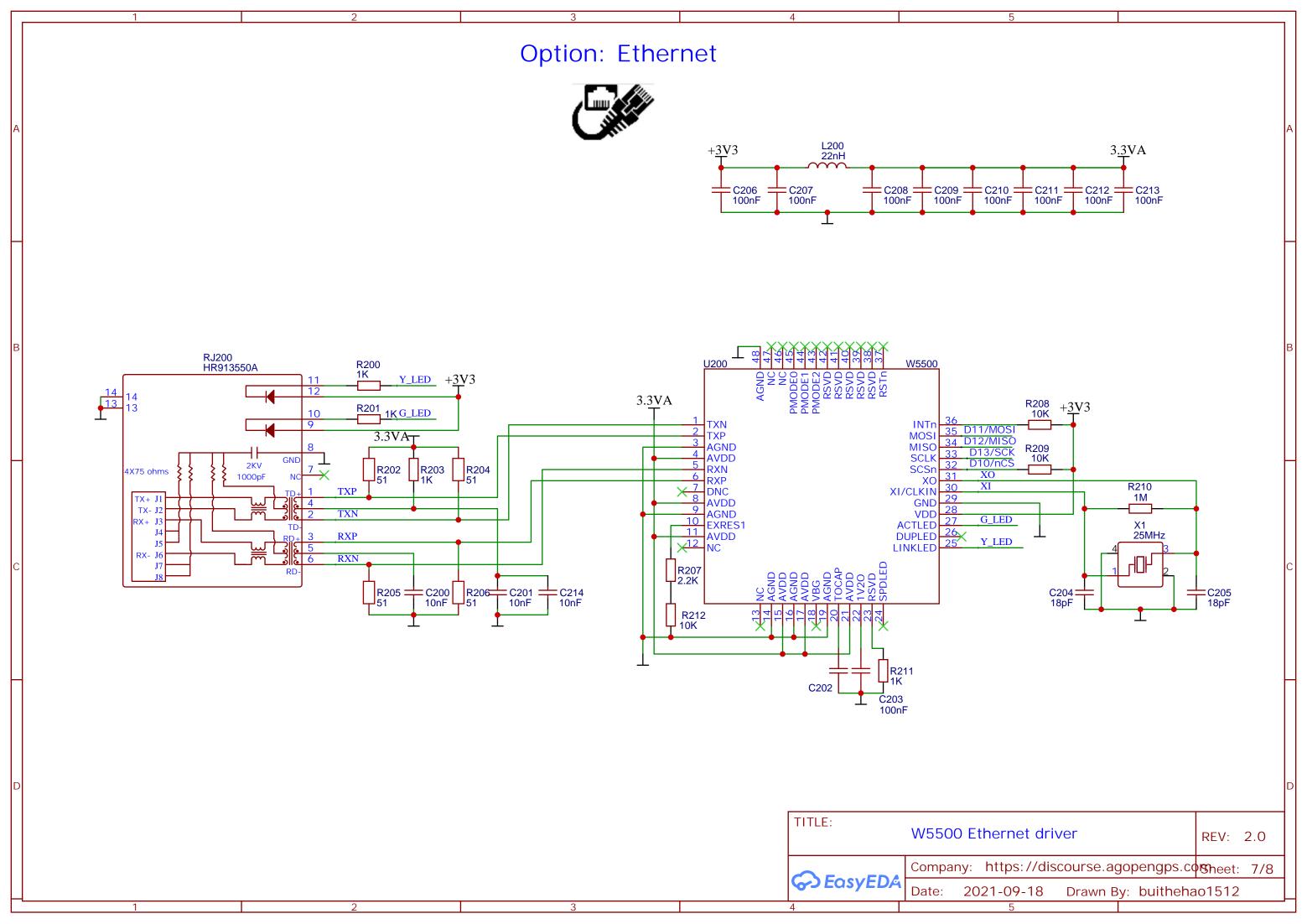
## Option: RS232/Speed Pulse DIN9684

RS232 e.g.: https://de.aliexpress.com/item/2054995985.html

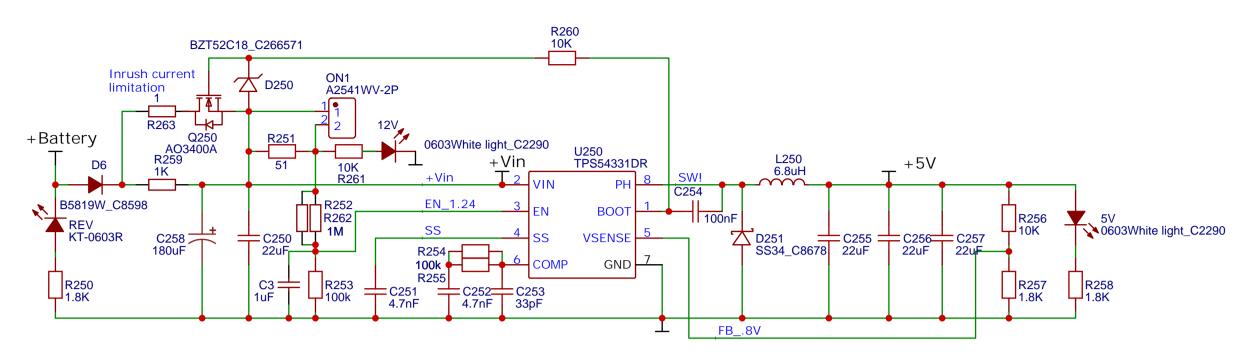


TITLE: (Dual-) RTK-GNSS						REV:	2.0
<b>EasyEDA</b>	Compa	https://discou	ırse.agopen	gps.com	Sheet:	5/8	
	tasyEDA	Date:	2021-09-18	Drawn By:	GoRoNb		

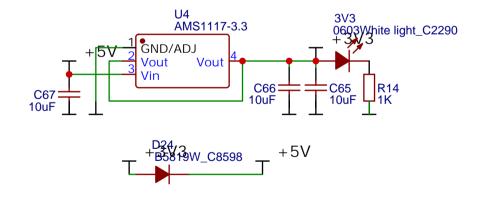




# Switch Mode Power Supply Batt => 5V (needed for Ethernet and Wifi only)



# Power Supply 5V = > 3V3



	TITLE: Sheet_1							REV: 2.0	
	<b>~</b>	Co	mpan	yḥttps://di	iscou	rse.agoper	ngps.com	Sheet:	8/8
	© EasyEL	Da	ate:	2021-09-1	8	Drawn By:	GoRoNb		