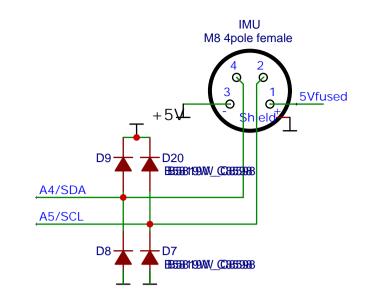
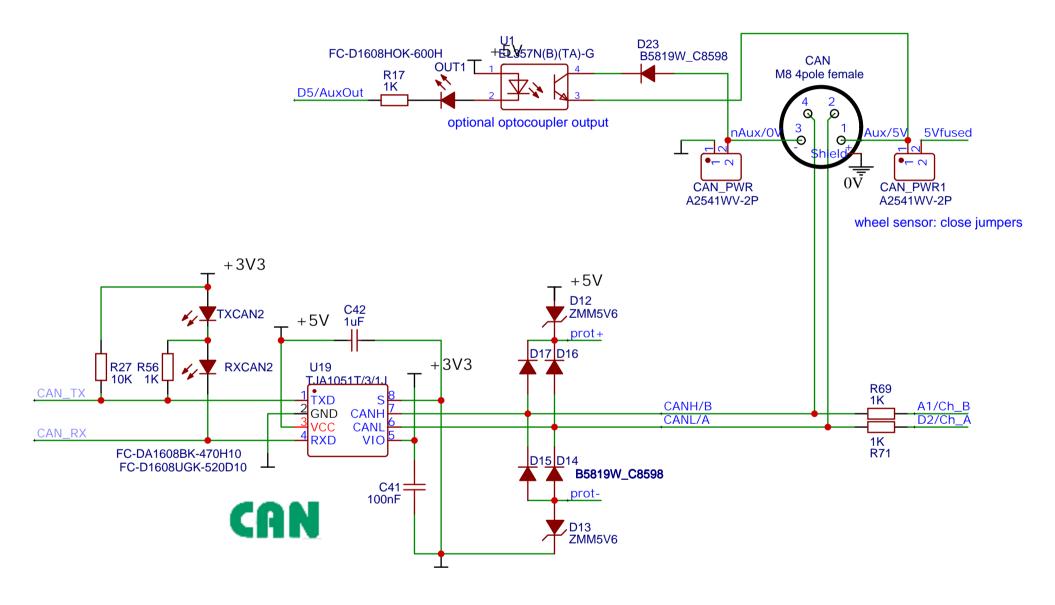


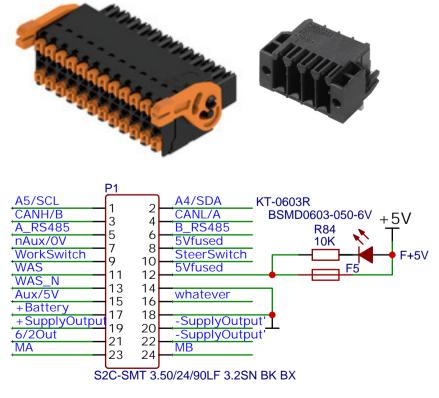
#### 12C external



### CAN & Opto | Wheel Sensor



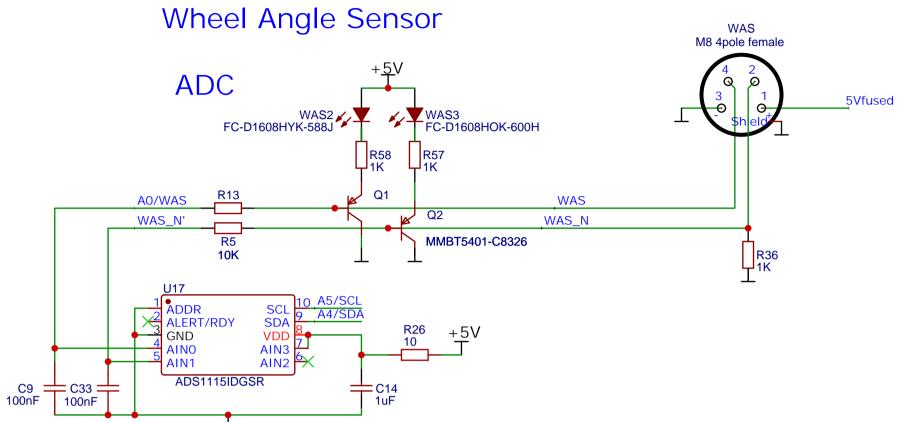
#### Main connector

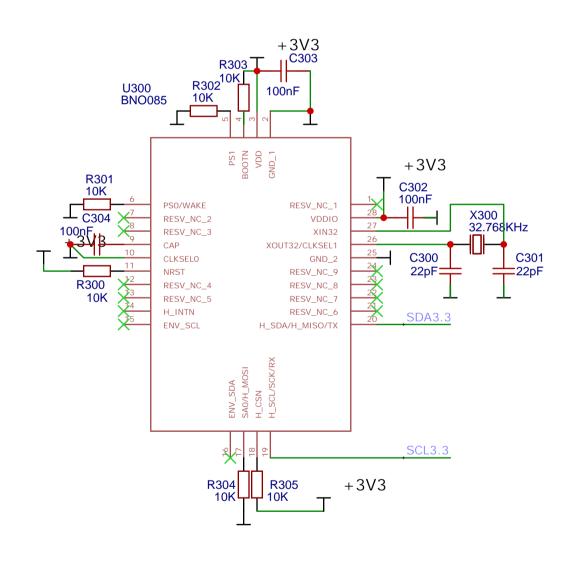


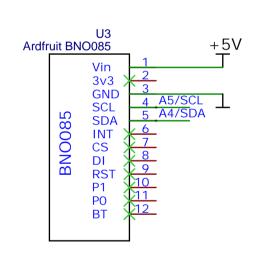
P1: Weidmuller 1289550000 + 1372870000 S2C-SMT 3.50/24/90LF 3.2SN BK BX + B2CF 3.50/24/180LH SN BK BX

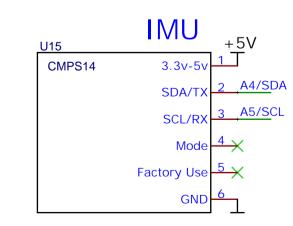
TITLE: Serial Communication, PushIn Connector					REV:	2.0
<b>~</b>	Compa	inyhttps://disco	urse.agoper	ngps.com	Sheet:	1/8
(G) EasyED	Date:	2021-09-18	Drawn By:	GoRoNb		

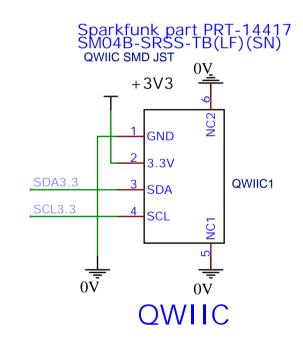












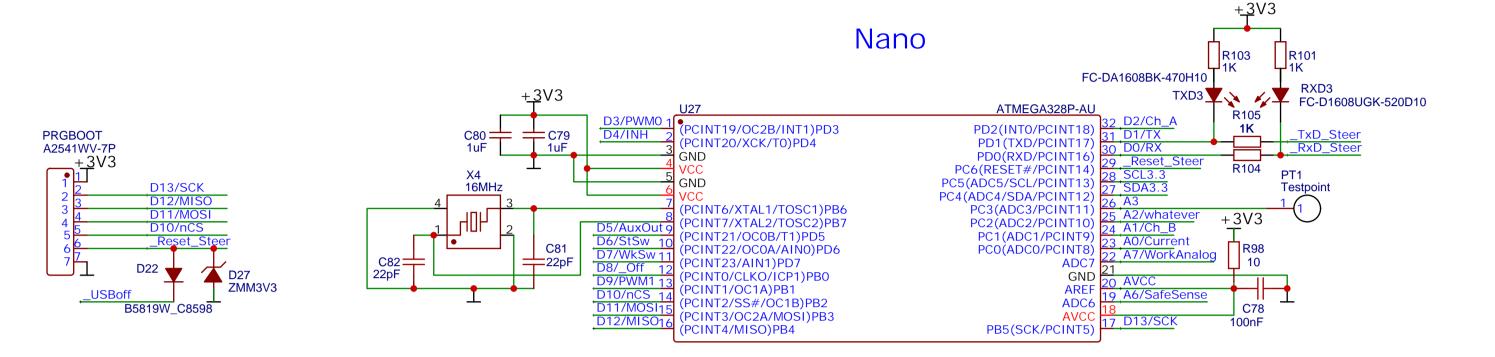
TITLE: Sensors (RTK, ADC, IMU)

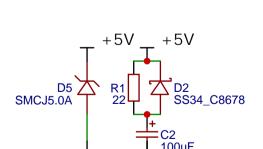
REV: 2.0

EasyEDA Date

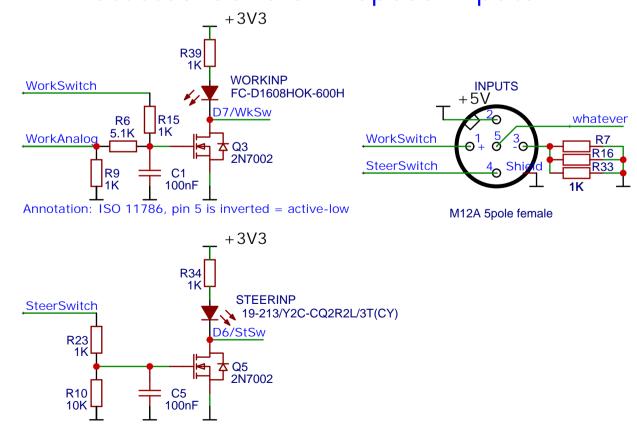
Companyhttps://discourse.agopengps.com/ Sheet: 2/8

Date: 2021-09-18 Drawn By: GoRoNb





## Protected General Propose Inputs



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

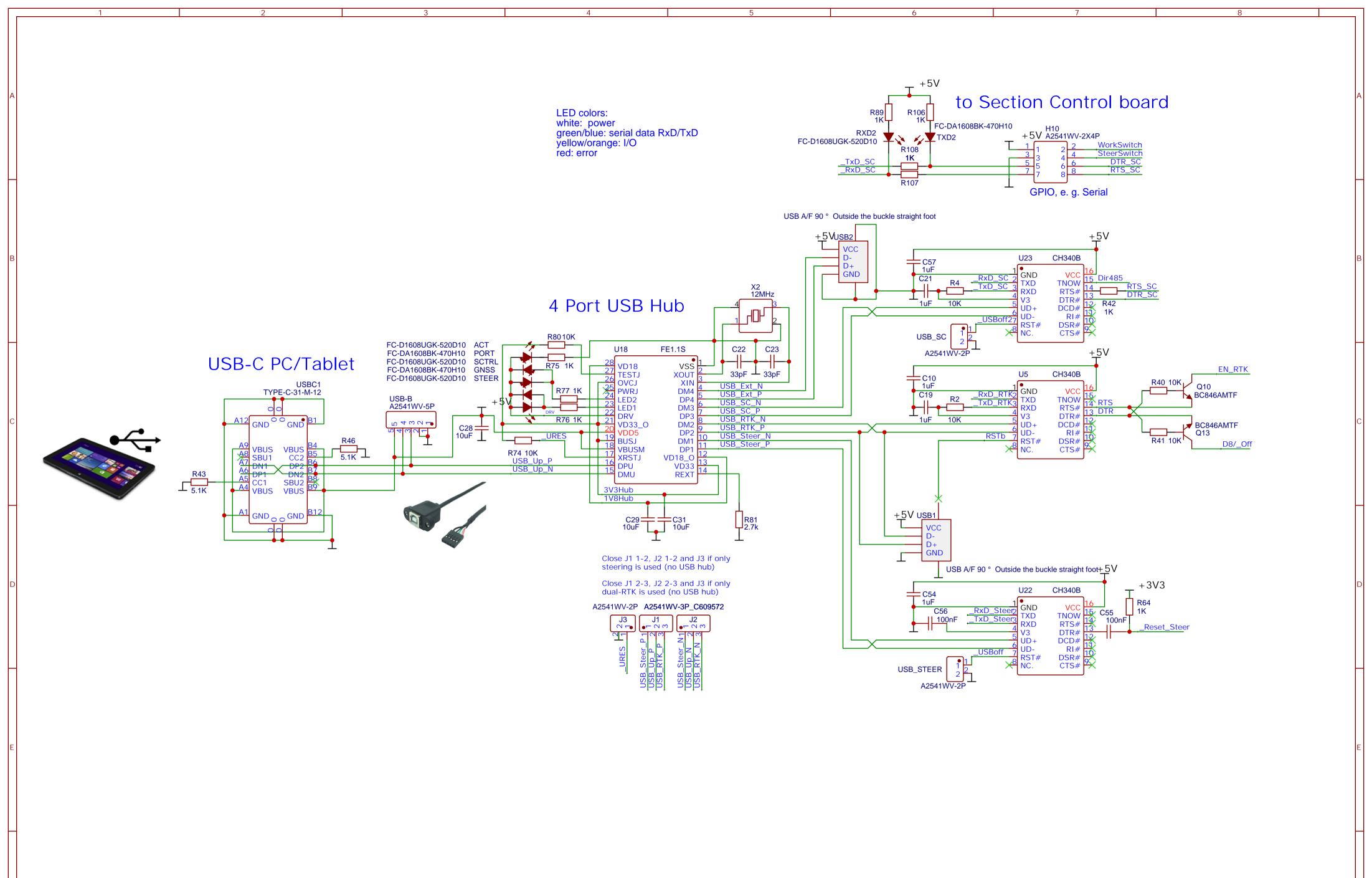
TITLE:
Teensy 4.1, USB, Inputs

REV: 2.0

Companyhttps://discourse.agopengps.com Sheet: 3/8

**€** EasyEDA

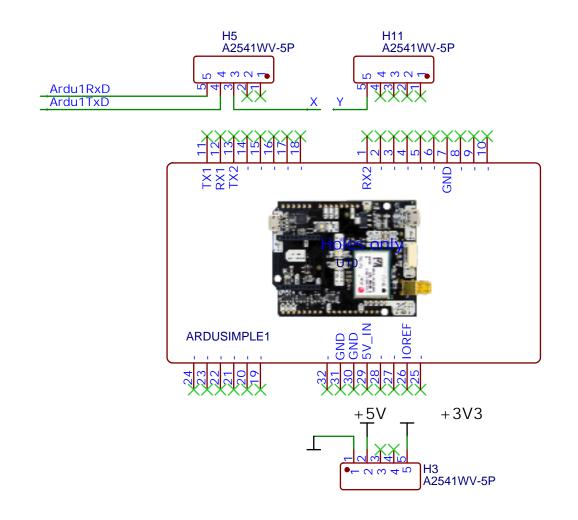
Date: 2021-09-18 Drawn By: GoRoNb

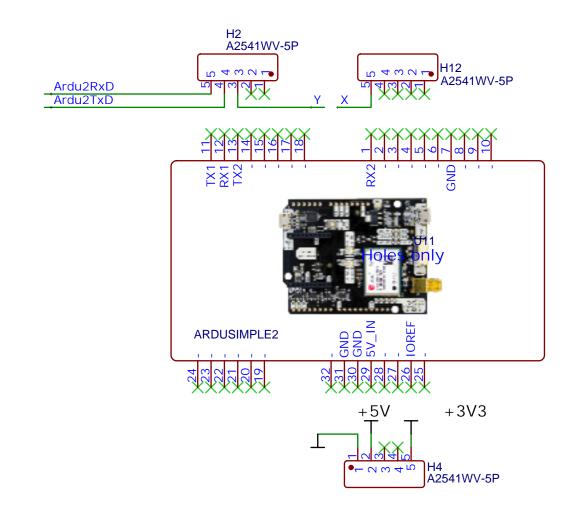


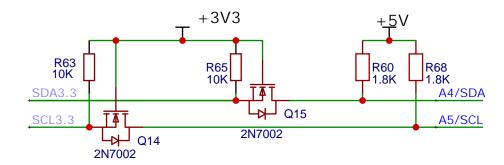
USB & 3.3V SMPS

| Companyittps://discourse.agopengps.com | Sheet: 4/8 |
| Date: 2021-09-18 | Drawn By: GoRoNb

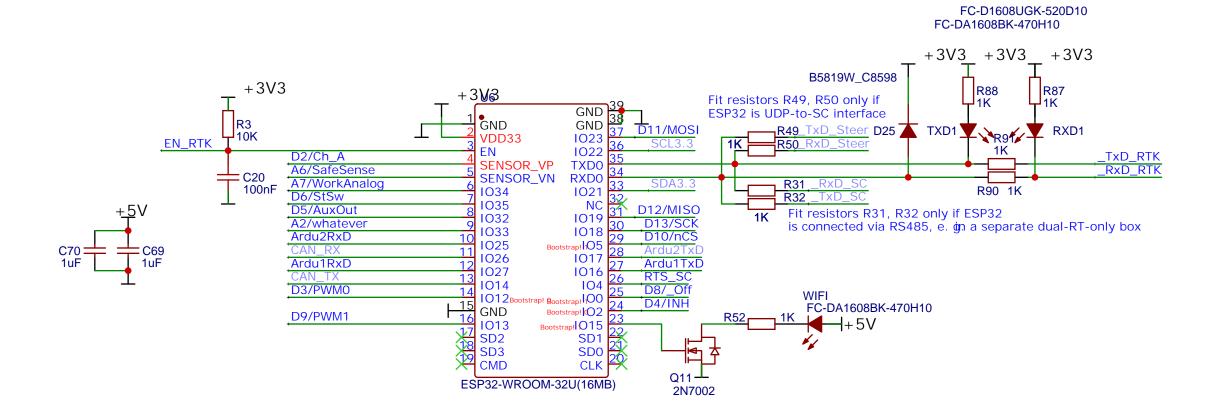
### Ardusimple Onboard Module(s)





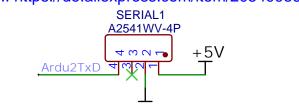


Interface I <sup>2</sup> C 3.3V <-> 5V

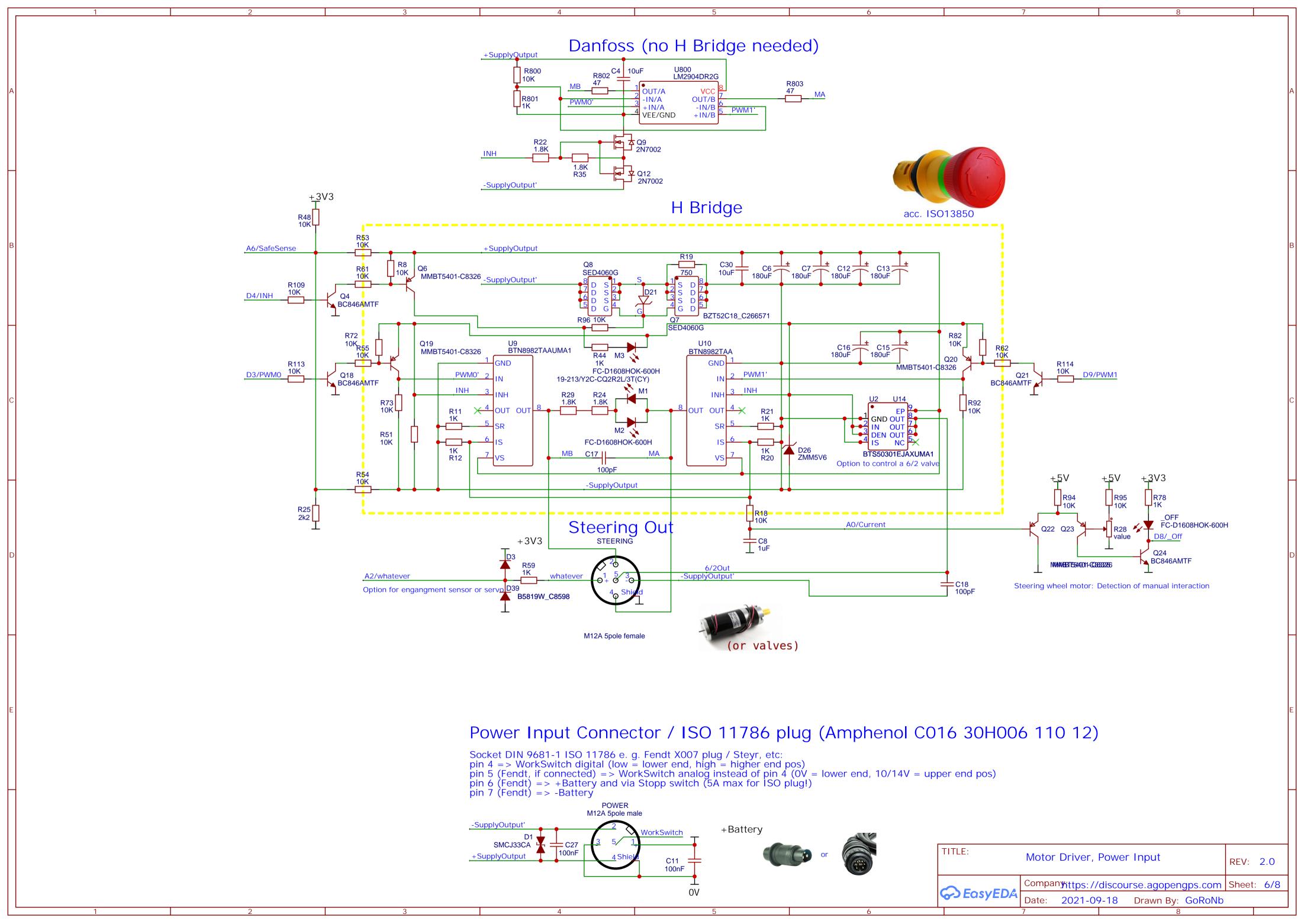


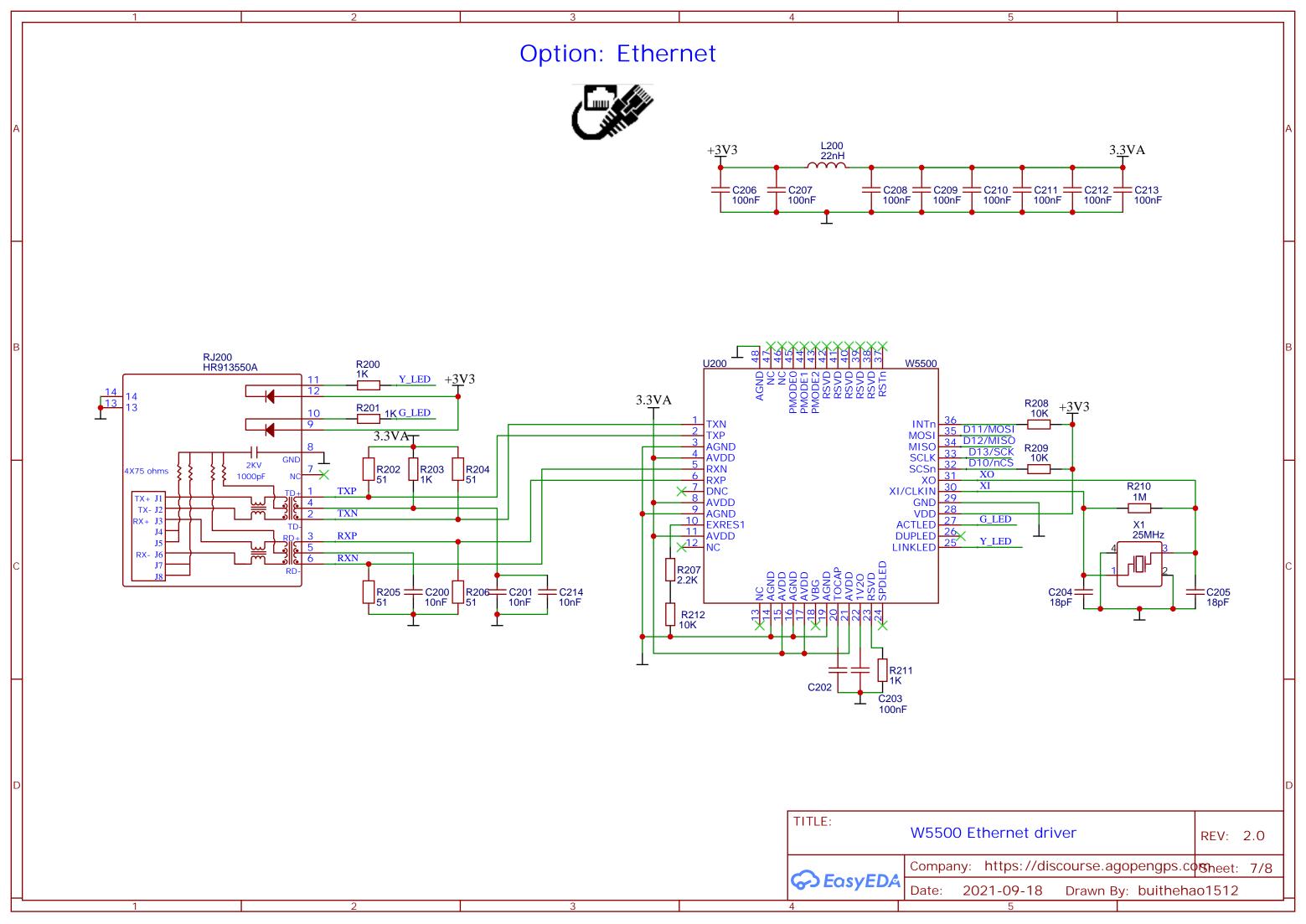
#### Option: RS232/Speed Pulse DIN9684

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

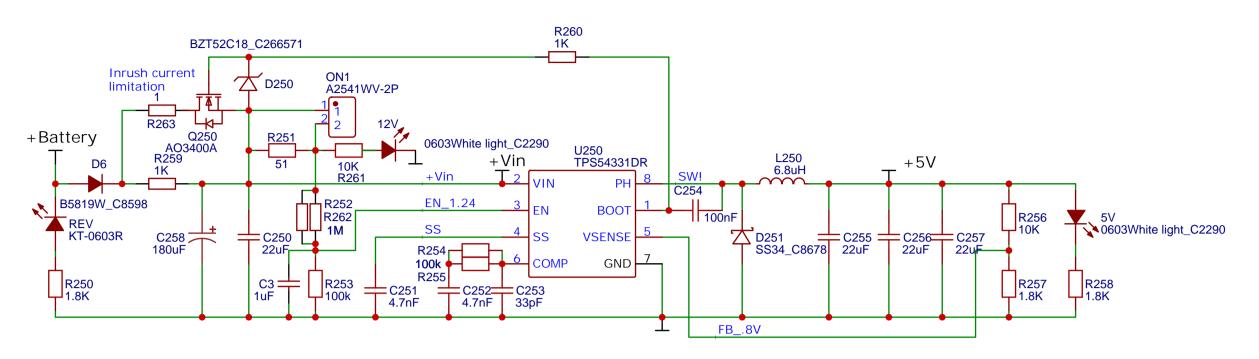


	TITLE: (Dual-) RTK-GNSS					REV:	2.0
	<b>~</b> = ==.	Compa	าก <b>y</b> fittps://discou	urse.agopen	gps.com	Sheet:	5/8
	<b>EasyED</b>	Date:	2021-09-18	Drawn By:	GoRoNb		

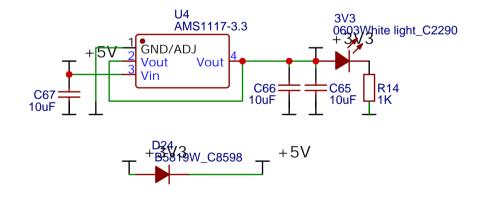




# Switch Mode Power Supply Batt => 5V (needed for Ethernet and Wifi only)



## Power Supply 5V = > 3V3



	TITLE: Sheet_1				REV: 2.1		
	<b>⇔</b> EasyEDA	Compa	nyhttps://disco	urse.agoper	ngps.com	Sheet:	8/8
		SYEDA	Date:	2022-01-05	Drawn By:	GoRoNb	