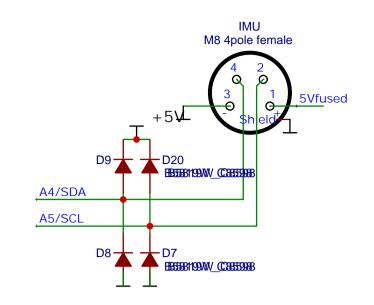
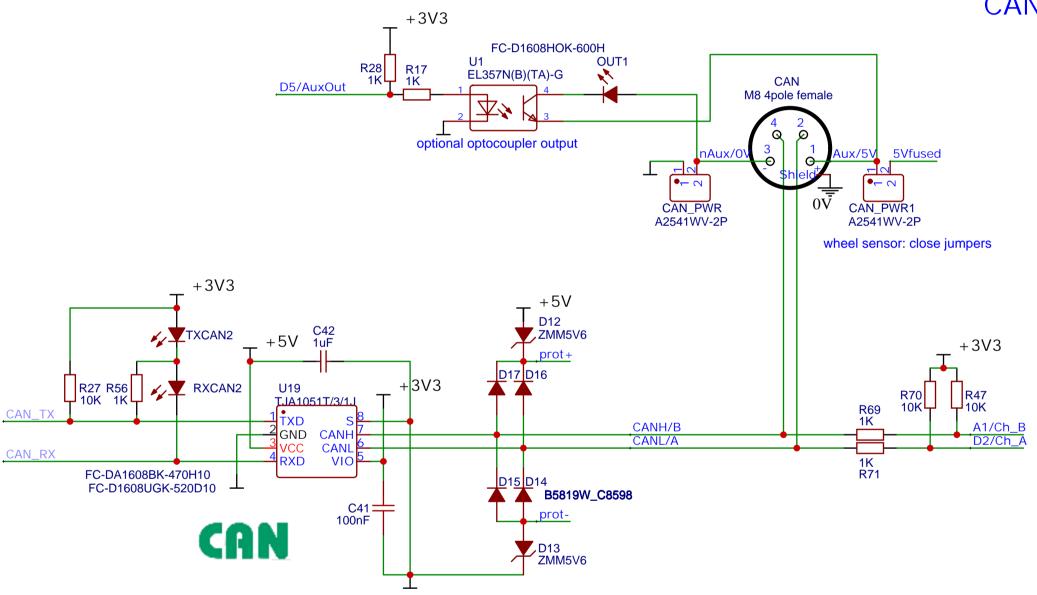


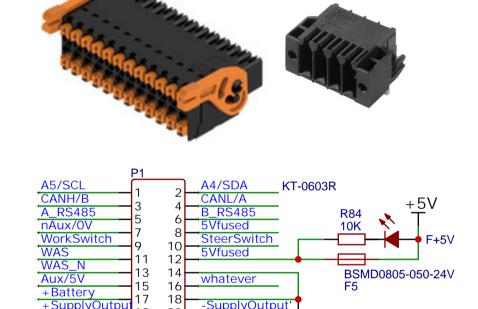
#### 12C external



## 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

S2C-SMT 3.50/24/90LF 3.2SN BK BX

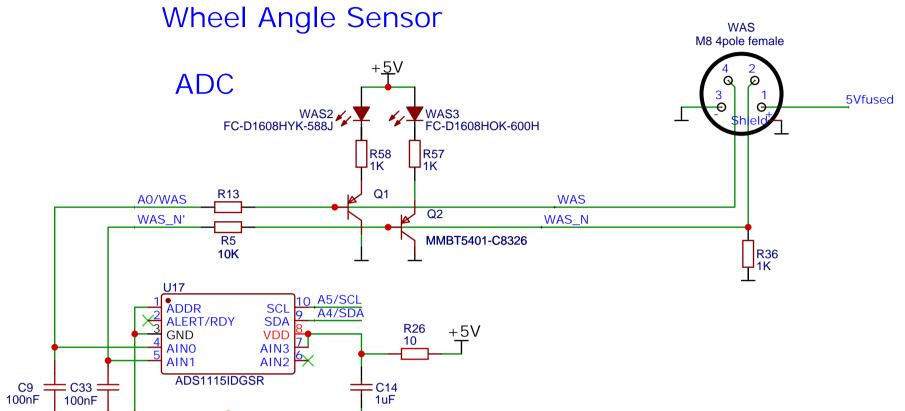
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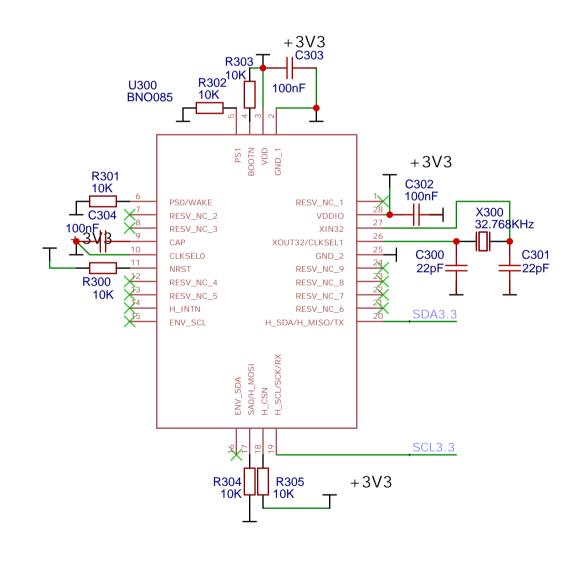
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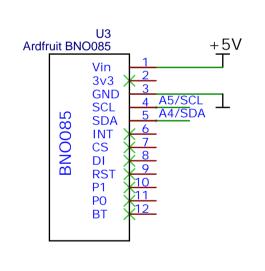
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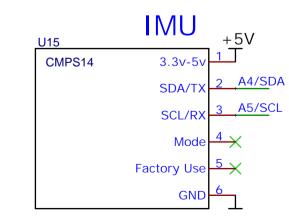
TITLE:	Serial Communication, PushIn Connector				REV:	2.2
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	syEDA	Compar	Yhttps://githul	o.com/gormr	Sheet:	1/8
(G) Eas		Date:	2021-09-18	o.com/gormr Drawn By: GoRoNb		

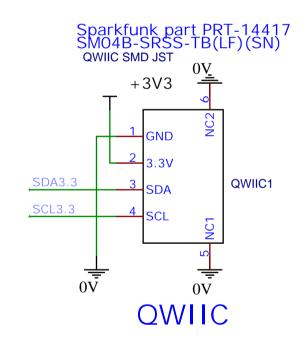












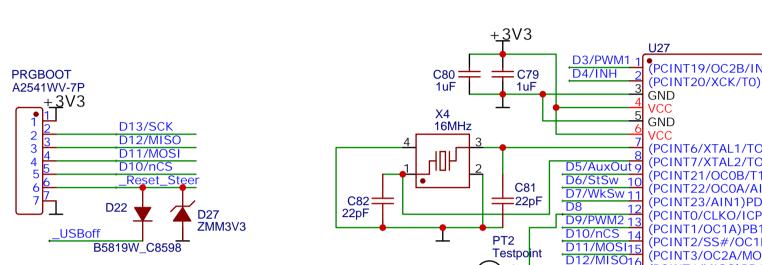
Copyright Gorm Rose 2022.

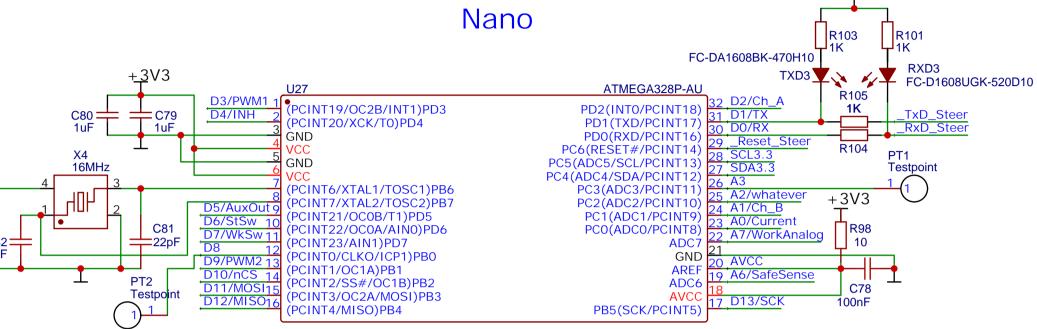
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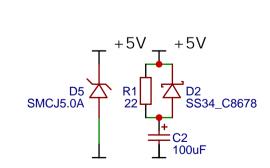
TITLE:						2.2
<b>∞</b> -		Compar	Yhttps://githul	b.com/gormr	Sheet:	2/8
(S) Eas	SYEDA	Date:	2021-09-18	o.com/gormr Drawn By: GoRoNb		

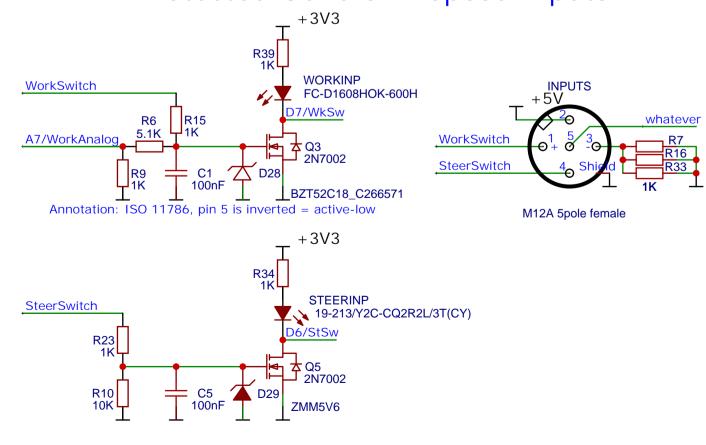
LED colors: white: power green/blue: serial data RxD/TxD yellow/orange: I/O red: error





# **Protected General Propose Inputs**



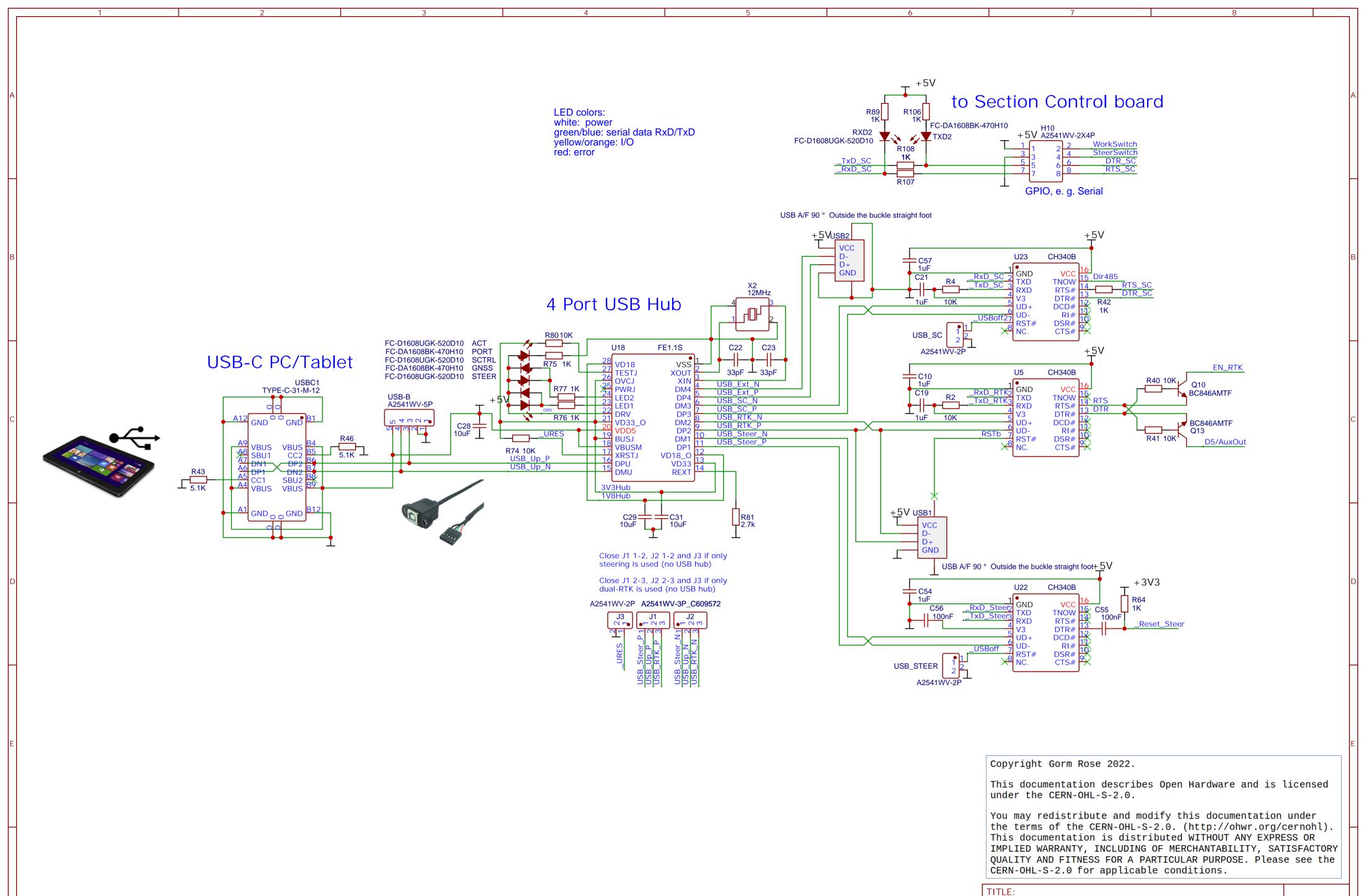


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TITLE: Teensy 4.1, USB, Inputs					2.2
)	Compa	<mark>ny</mark> https://githu	b.com/gormr	Sheet:	3/8
6 EasyEDA	Date:	2021-09-18	Drawn By: GoRoNb		



USB & 3.3V SMPS

**EasyEDA** 

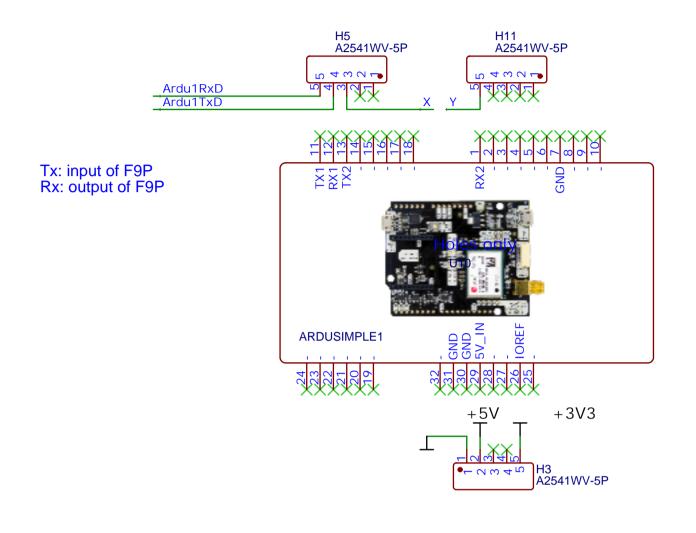
Companyhttps://github.com/gormr

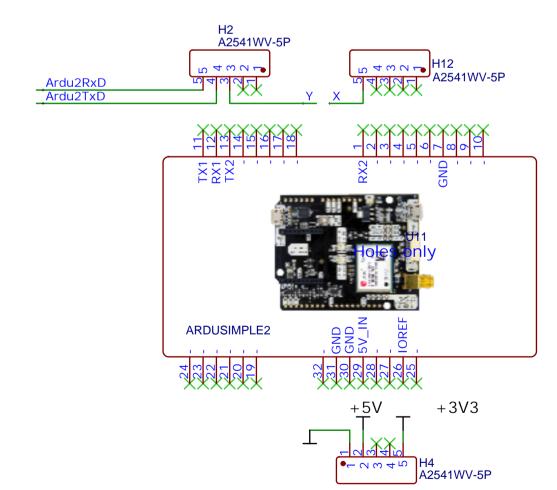
Date: 2021-09-18 Drawn By: GoRoNb

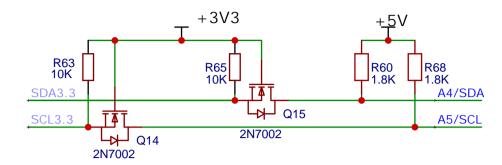
REV: 2.2

Sheet: 4/8

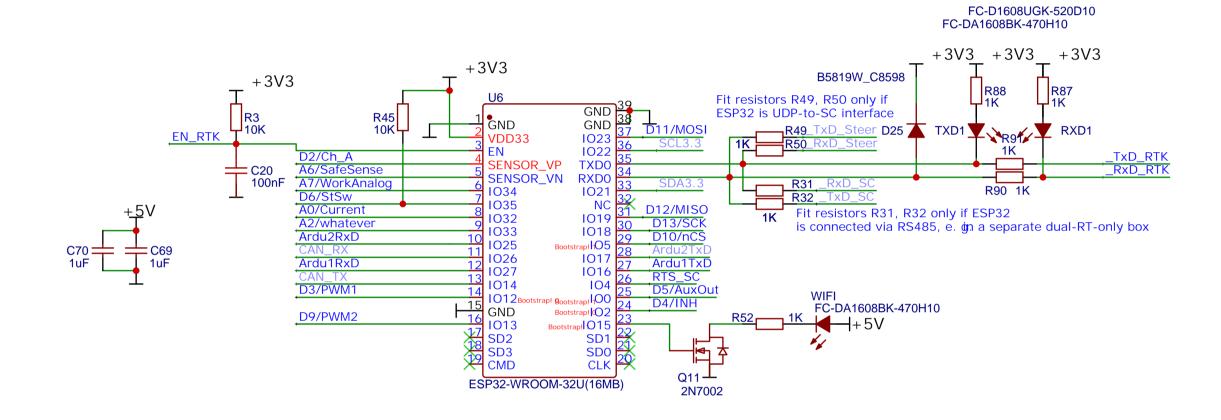
#### Ardusimple Onboard Module(s)





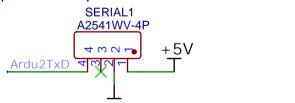


Interface I <sup>2</sup> C 3.3V <-> 5V



### Option: RS232/Speed Pulse DIN9684

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



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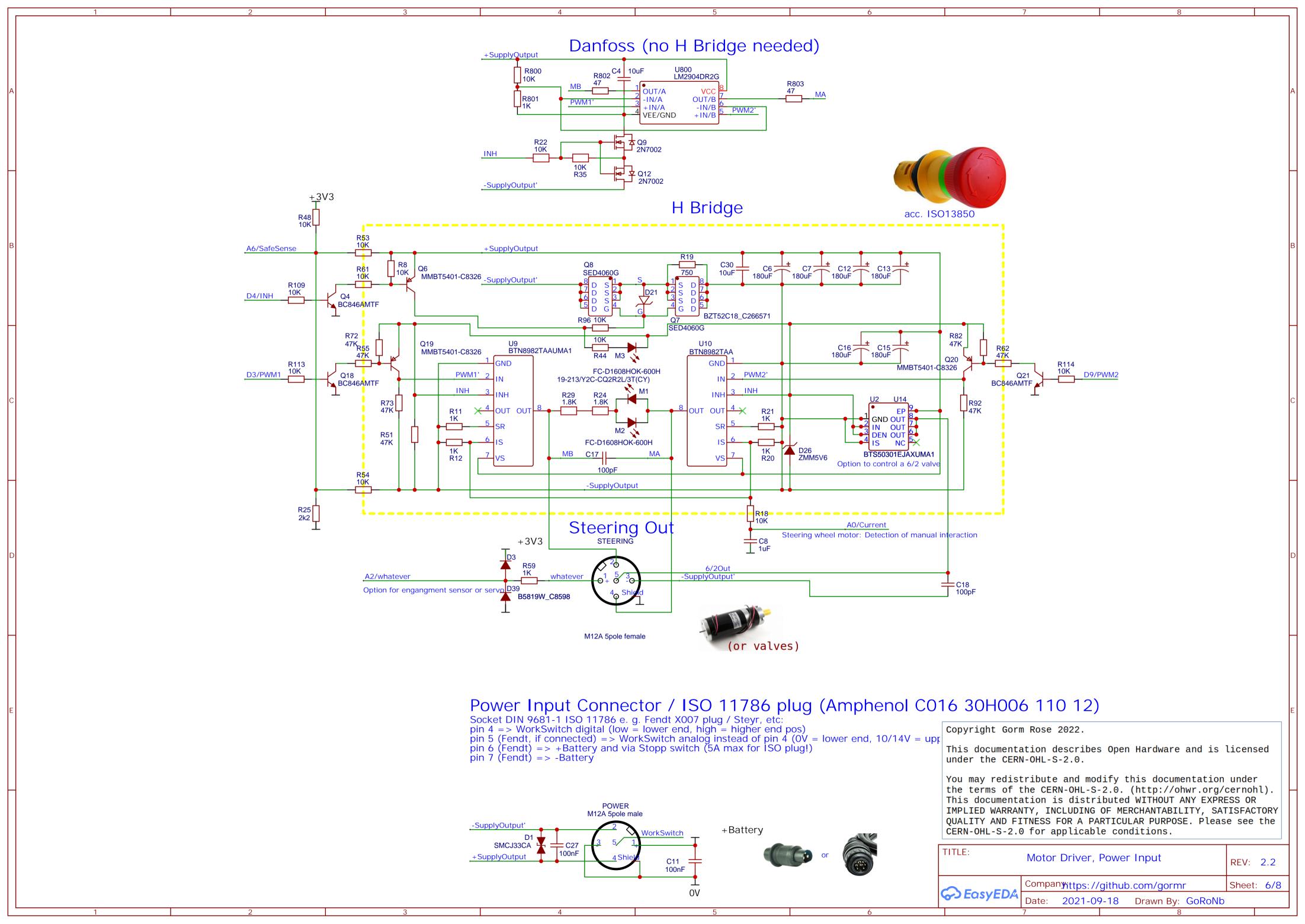
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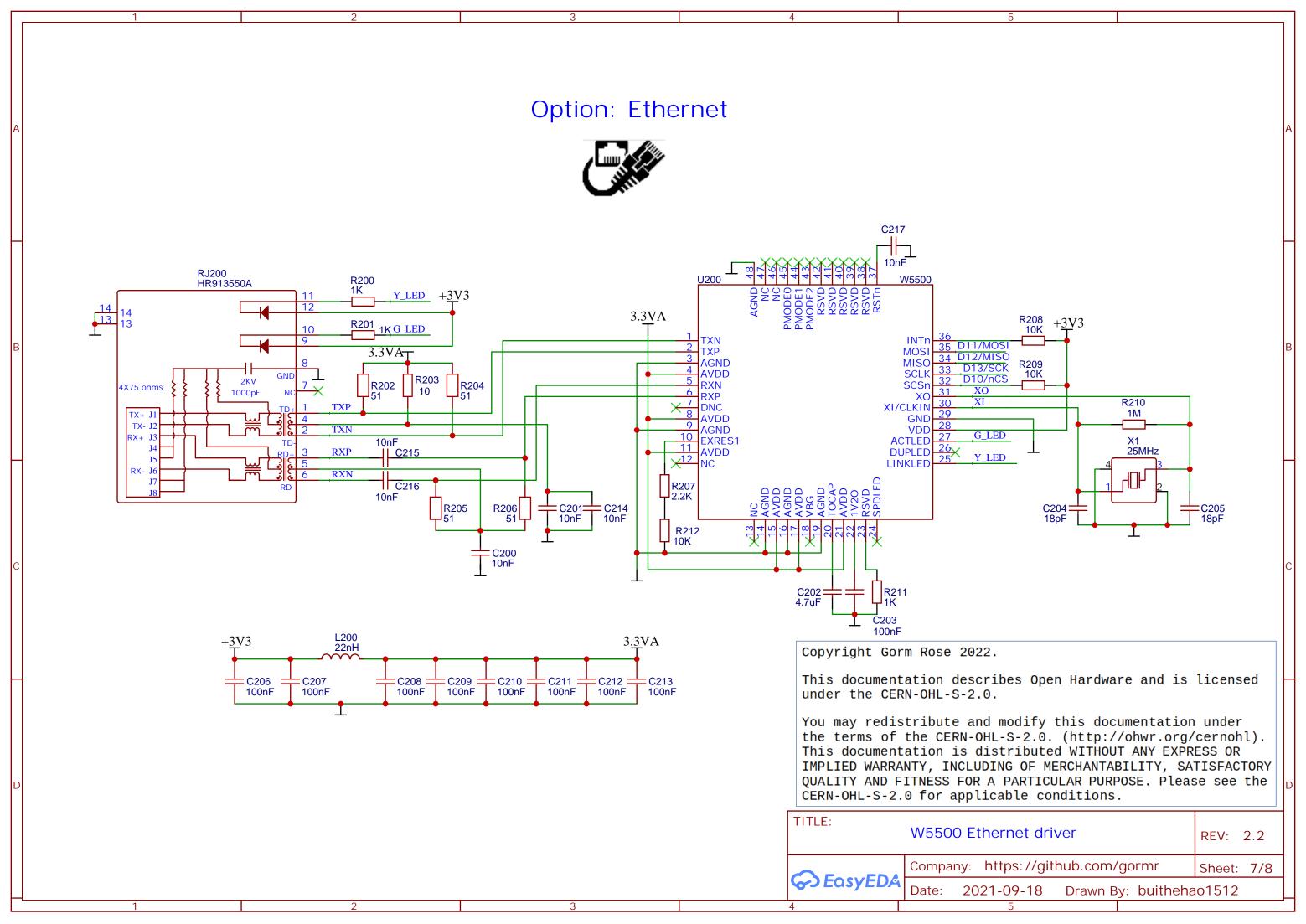
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TITLE:
(Dual-) RTK-GNSS

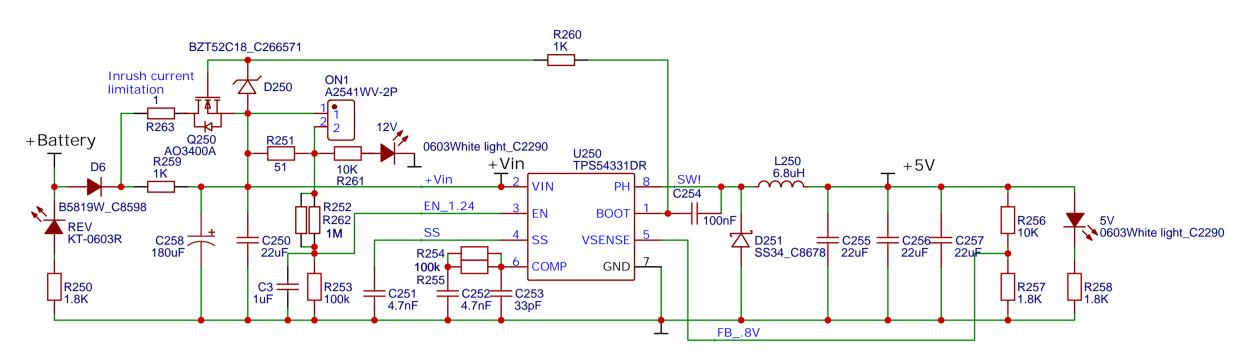
REV: 2.2

Company ittps://github.com/gormr
Date: 2021-09-18 Drawn By: GoRoNb

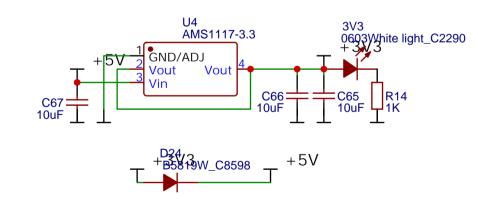




# Switch Mode Power Supply Batt => 5V (needed for Ethernet and Wifi only)



# Power Supply 5V = > 3V3



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TITLE:	Power	Supply	/		REV:	2.2
<b>⇔</b> EasyEDA		Compa	nyhttps://githu	b.com/gormr	Sheet:	8/8
		Date:	2022-01-05	Drawn By: GoRoNk	)	