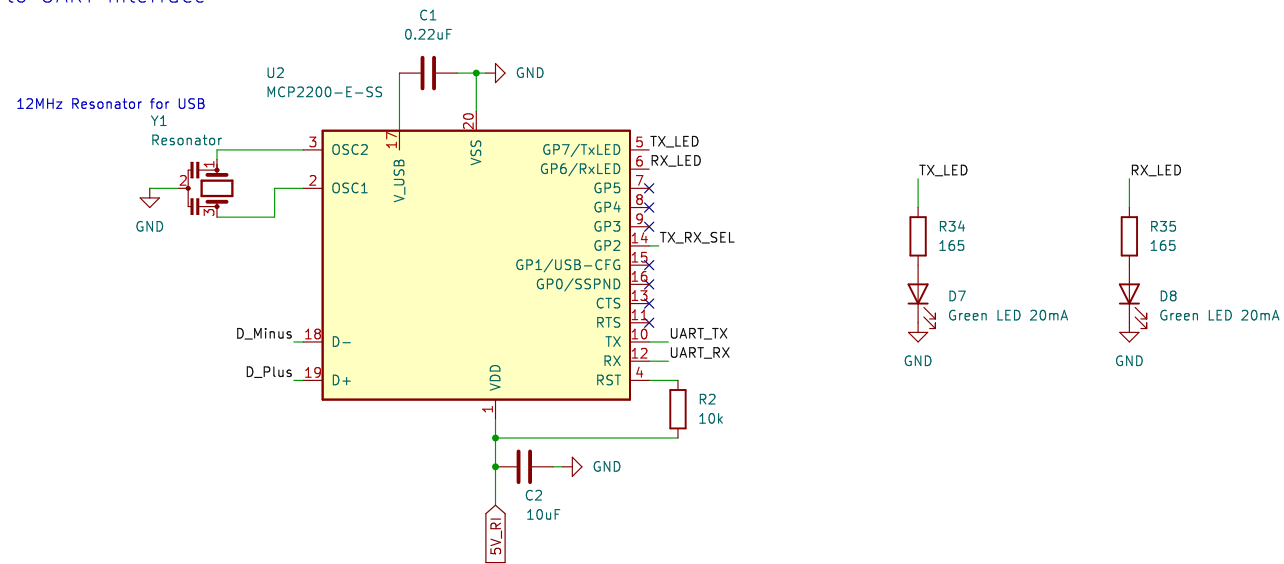


1	2	3	4	5	6
A					A
B					B
C					C
D					D
1	2	3	4	5	6

Sheet: /		
File: james_ewing_ee_design_take_home_koenigsegg.kicad_sch		
<b>Title: Remote Interface</b>		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.8		Id: 1/5

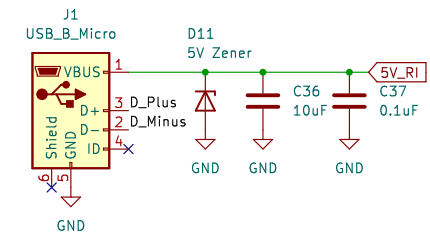
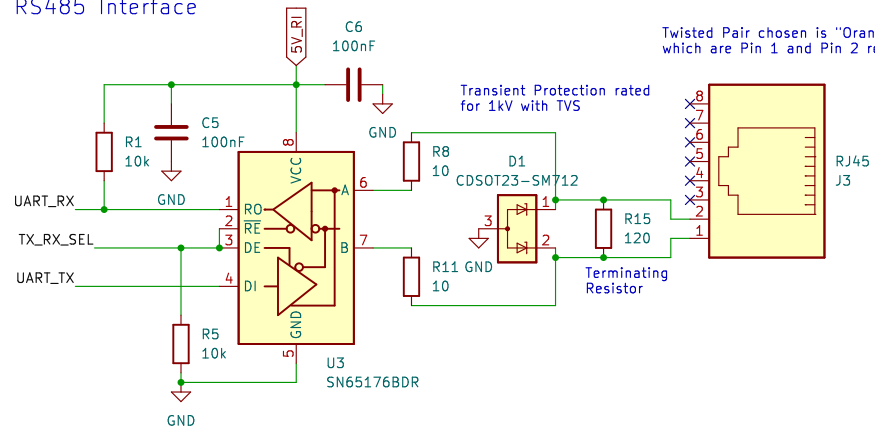
## USB to UART Interface

C5 Bypass CAP needed since only powering off BUS Voltage.



## UART to RS485 Interface

Twisted Pair chosen is "Orange White" and "Orange"  
which are Pin 1 and Pin 2 respectively. T568B Pinout Used.

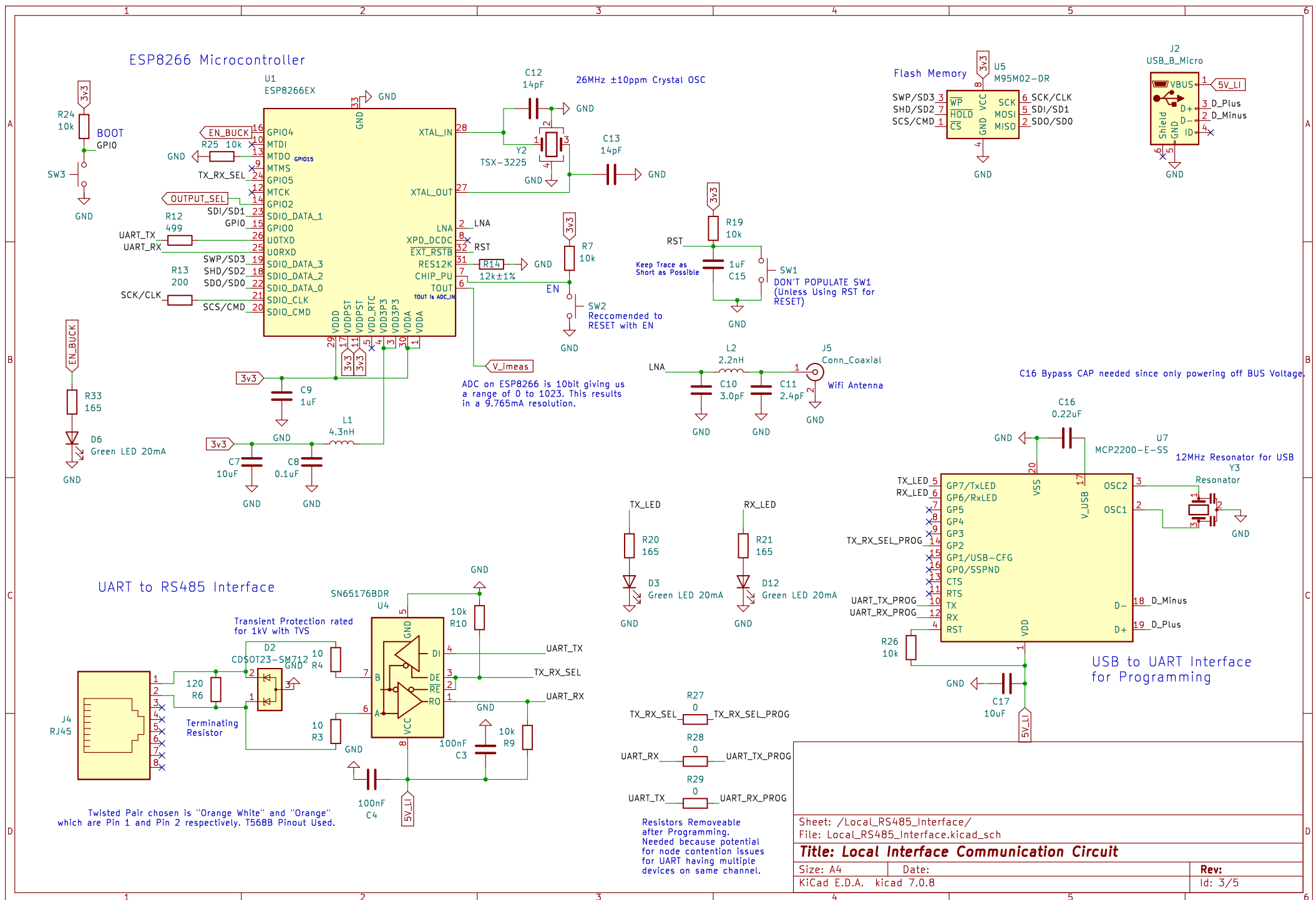


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File: Remote\_RS485\_Interface.kicad\_sch.kicad\_sch

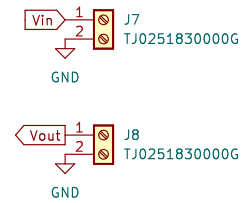
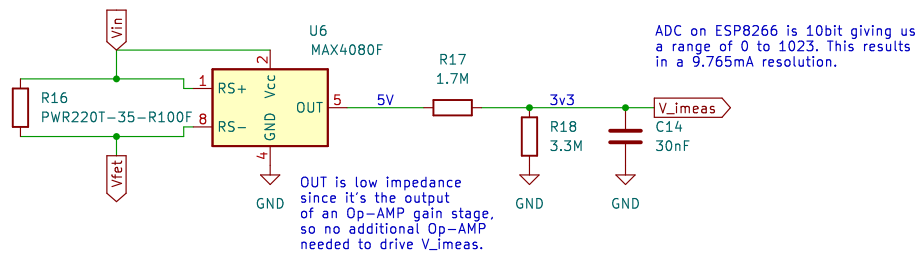
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Size: A4	Date:
KiCad E.D.A. kicad 7.0.8	

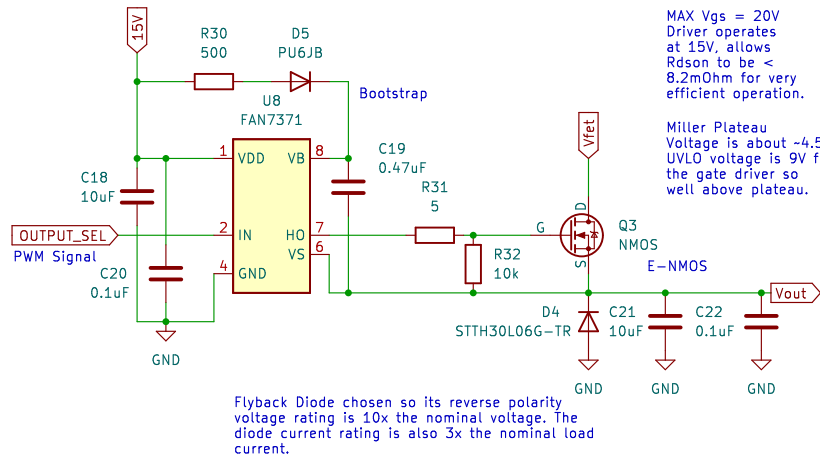
Rev:  
Id: 2/5



## Current Measurement



## High Side Switch



Sheet: /High\_Side\_Switch\_and\_Current\_Measurement\_GateDriver/  
File: High\_Side\_Switch\_and\_Current\_Measurement\_GateDriver.kicad\_sch

**Title: Local High Side Switch and Current Measurement Circuit**

Size: A4	Date:
KiCad E.D.A. kicad 7.0.8	

Rev:  
Id: 4/5

POWER CONVERSION

