

Measures as 2.788v

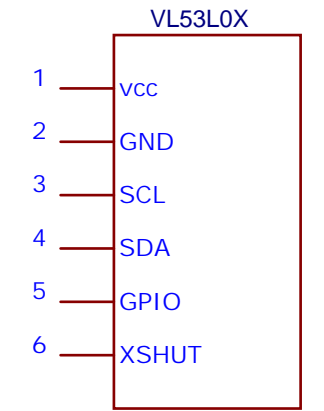
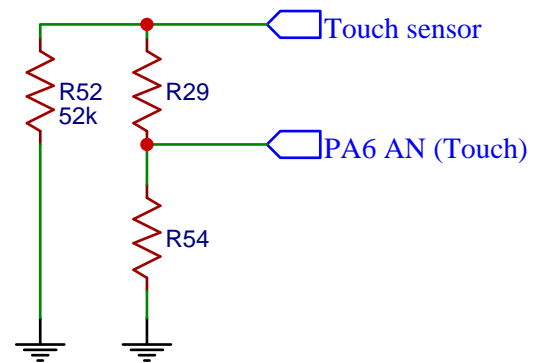
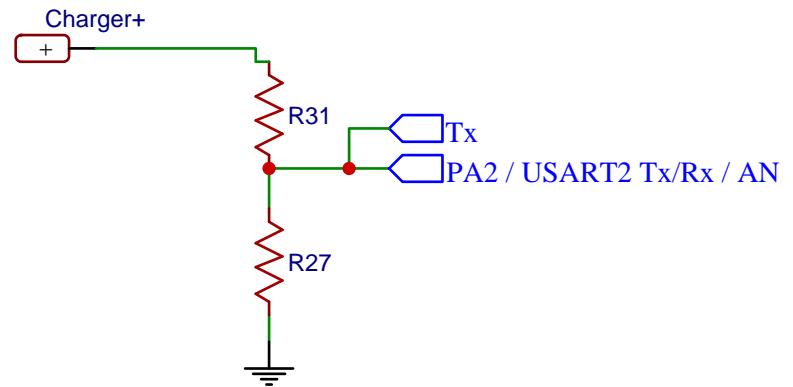
2.8v

Not 100% sure of the connectivity here

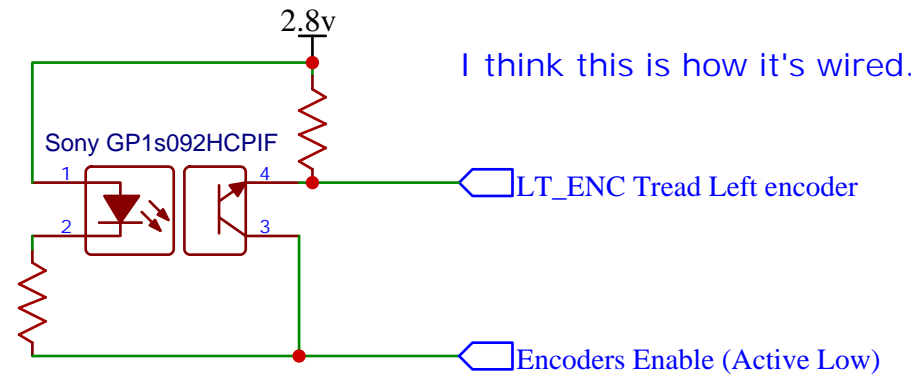
Noise bypass capacitors for the MCU

Note: most component values and part numbers are not known. Unless displayed here, don't use the values in pop over text, etc.

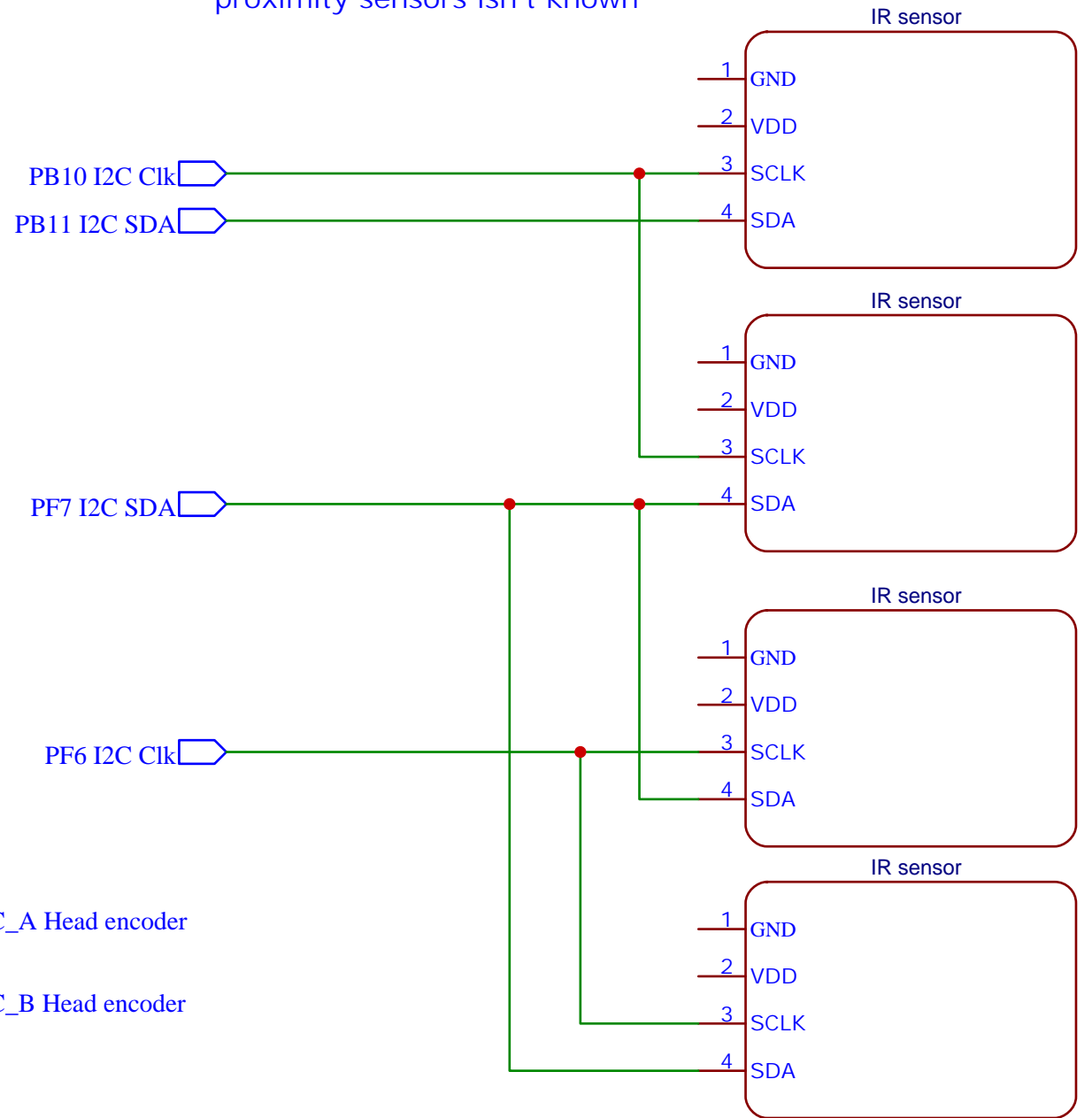
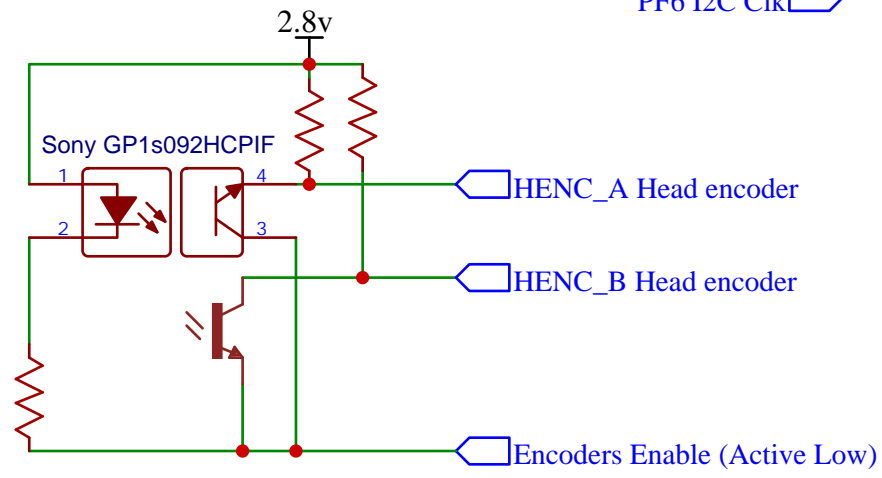
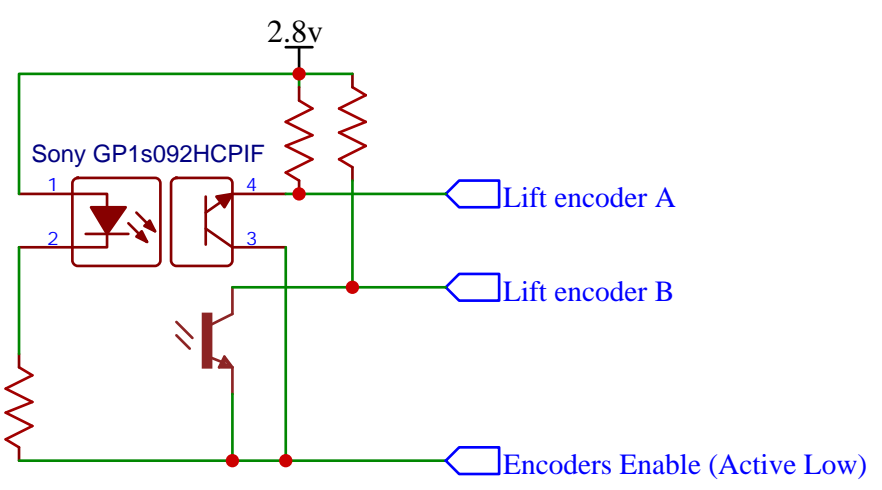
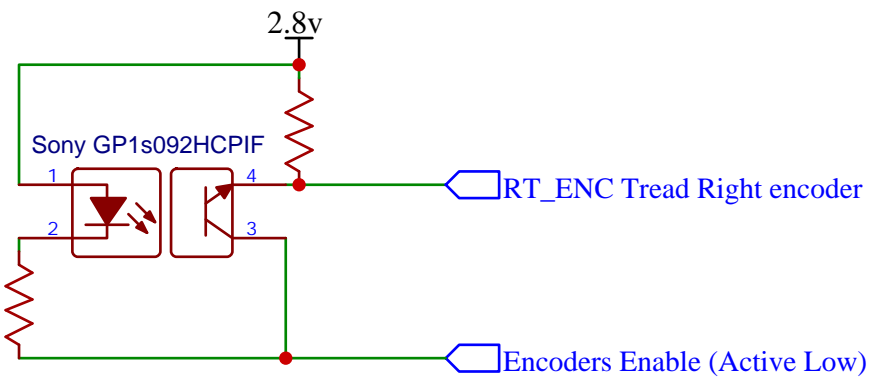
TITLE: Power Supplies		REV: 1.0
Company: Vector Body Board		Sheet: 1/6
Date: 2021-02-27		Drawn By: Randall Maas



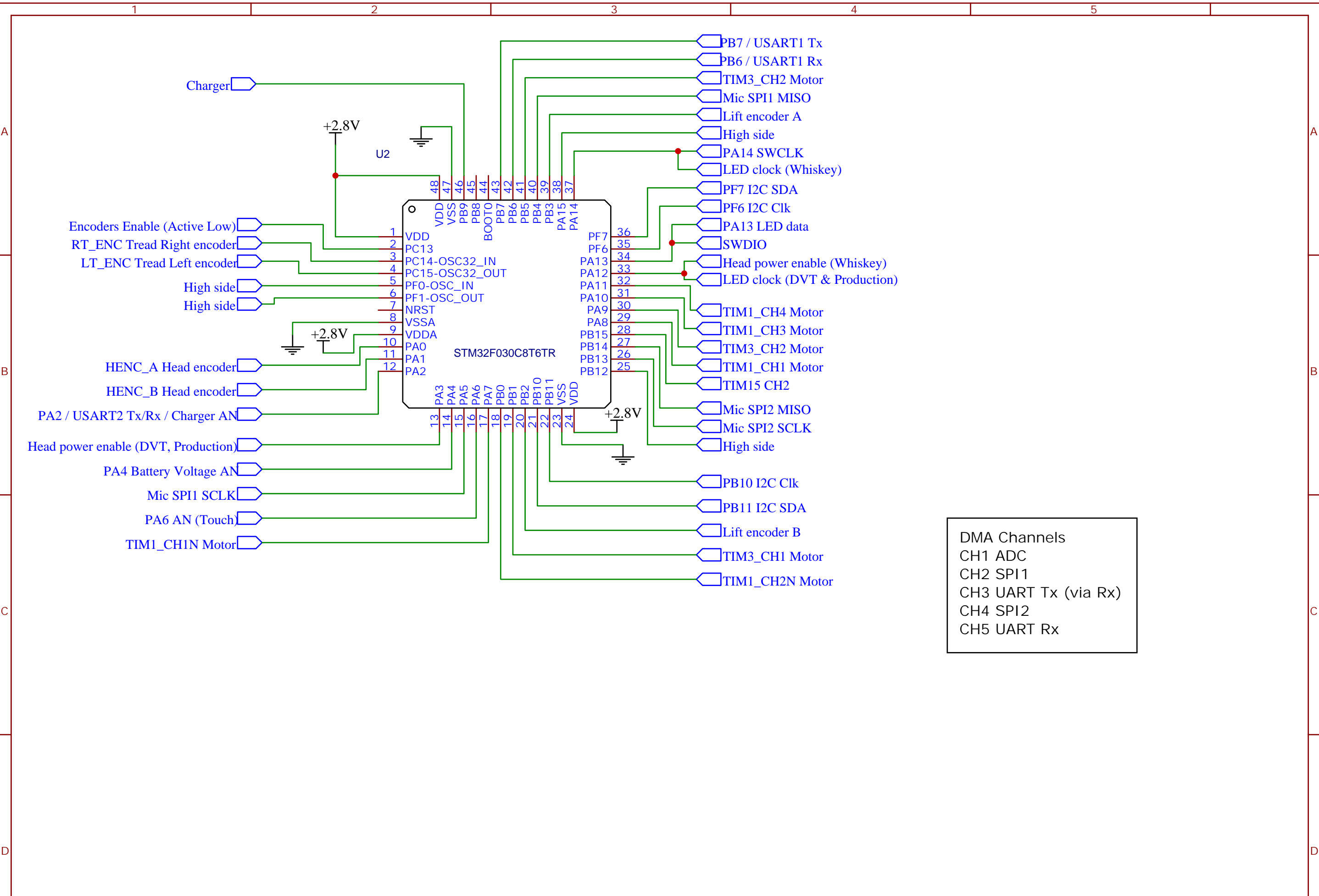
The pin numbering for the IR proximity sensors isn't known



I think this is how it's wired.

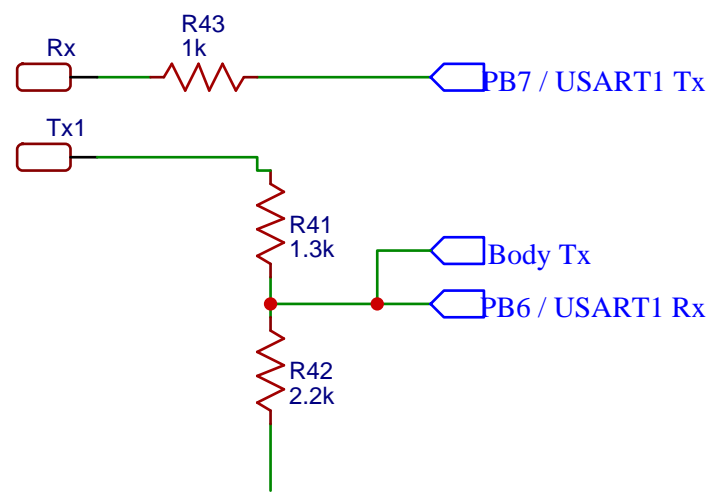


TITLE: Sensing		REV: 1.0
Company: Vector Body Board		Sheet: 2/6
Date: 2021-02-27		Drawn By: Randall Maas



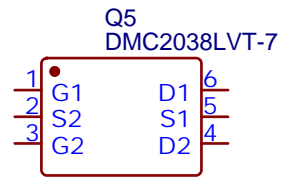
DMA Channels
 CH1 ADC
 CH2 SPI1
 CH3 UART Tx (via Rx)
 CH4 SPI2
 CH5 UART Rx

TITLE: Microcontroller		REV: 1.0
Company: Vector Body Board		Sheet: 3/6
Date: 2021-02-27	Drawn By: Randall Maas	

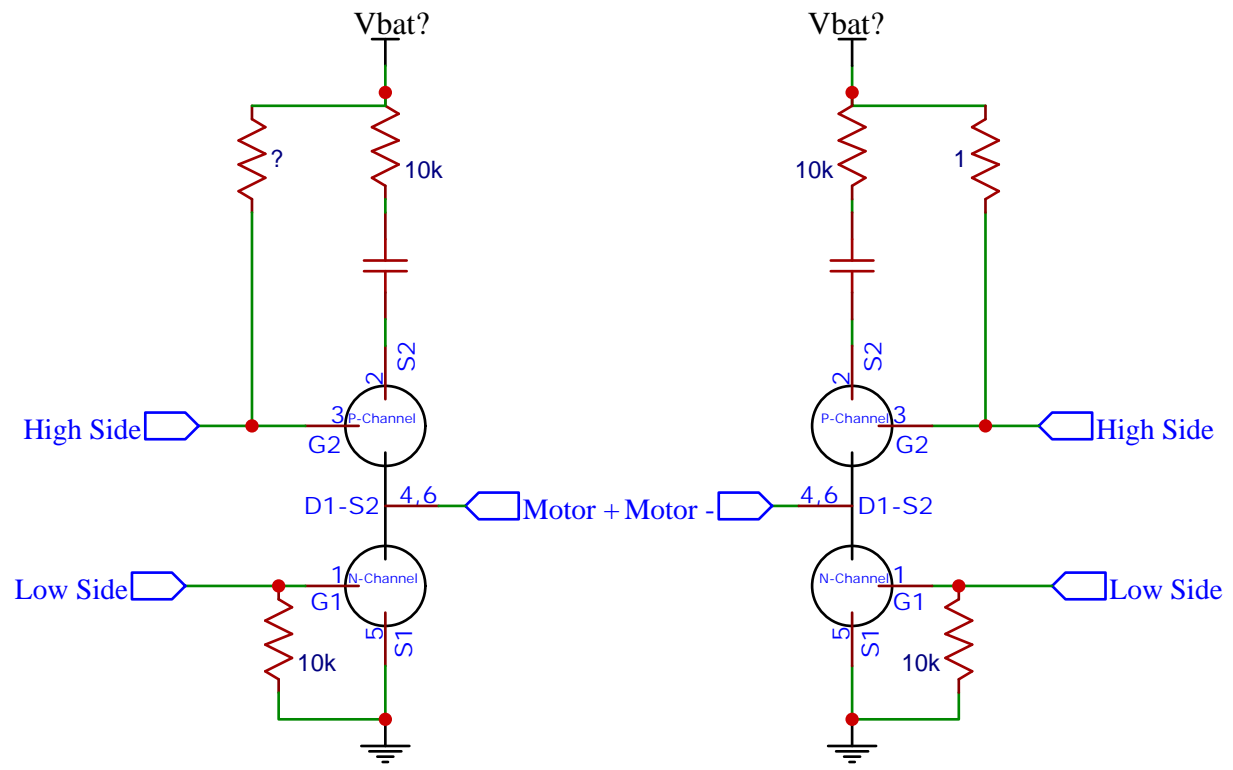


TITLE: Communication		REV: 1.0
Company: Vector Body Board		Sheet: 4/6
Date: 2021-02-27	Drawn By: Randall Maas	

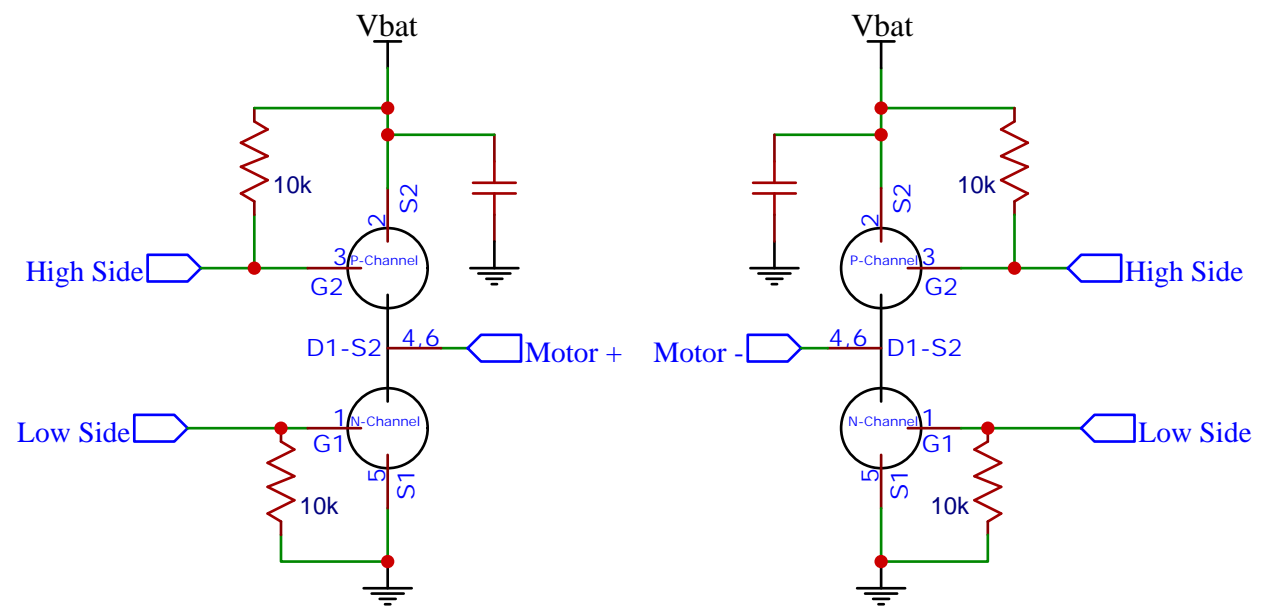
The MOSFET package looks like



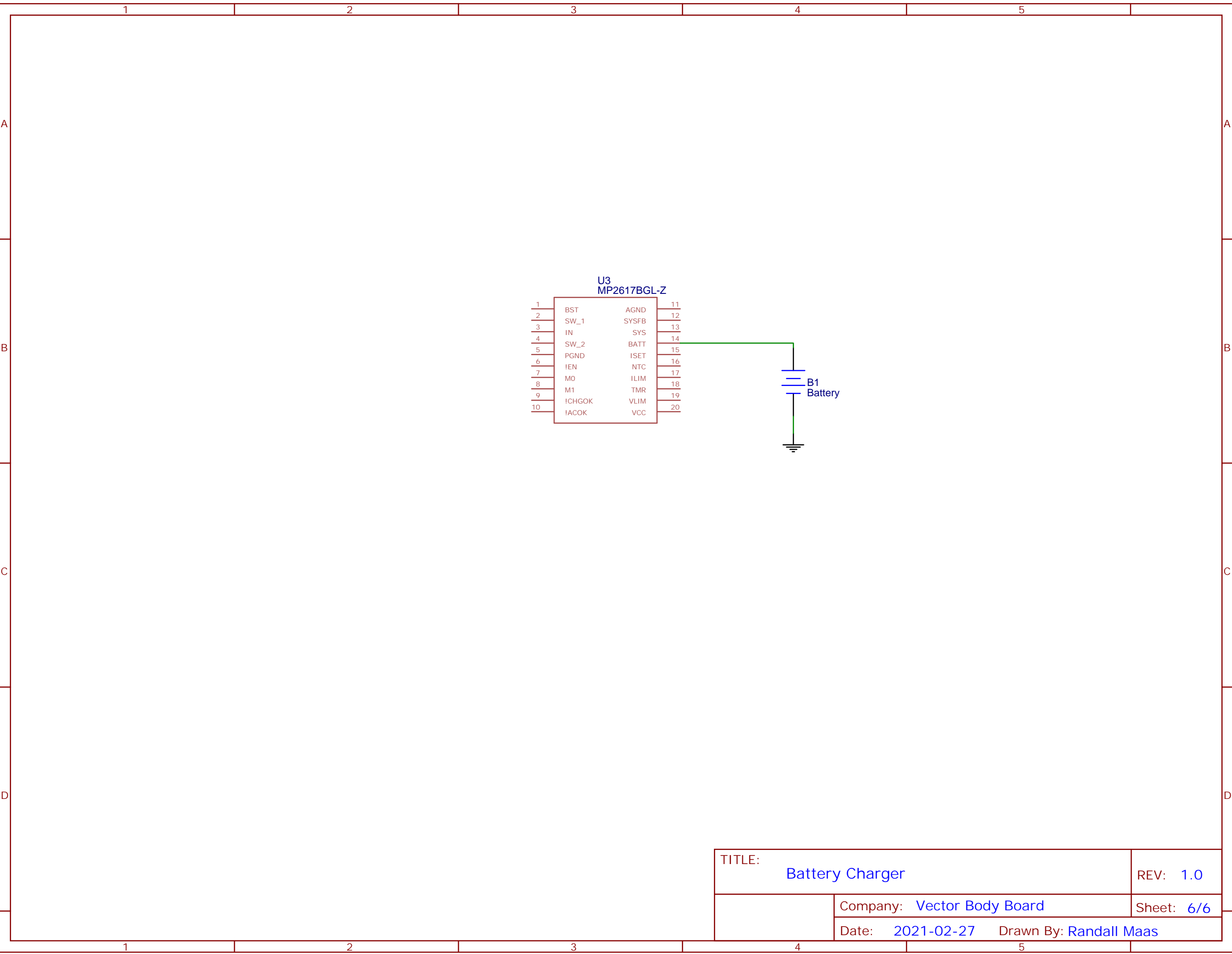
This is what I probed out
I expect the cap to a bulk with ground.



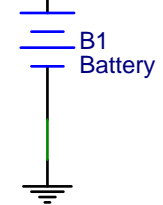
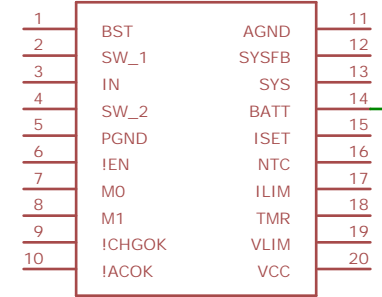
This is what I think is there



TITLE:	Motor Driver	REV: 1.0
	Company: Vector Body Board	Sheet: 5/6
	Date: 2021-02-27	Drawn By: Randall Maas



U3
MP2617BGL-Z



TITLE: Battery Charger		REV: 1.0
	Company: Vector Body Board	Sheet: 6/6
	Date: 2021-02-27	Drawn By: Randall Maas