

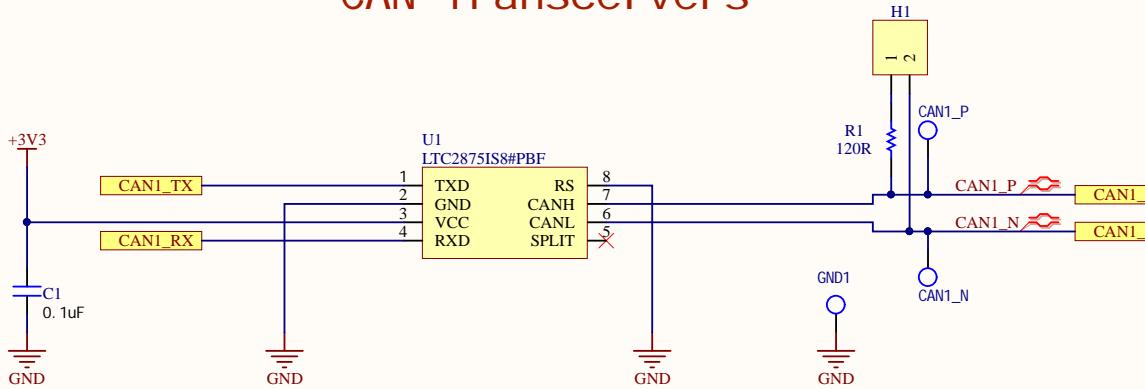
A

A

CAN Transceivers

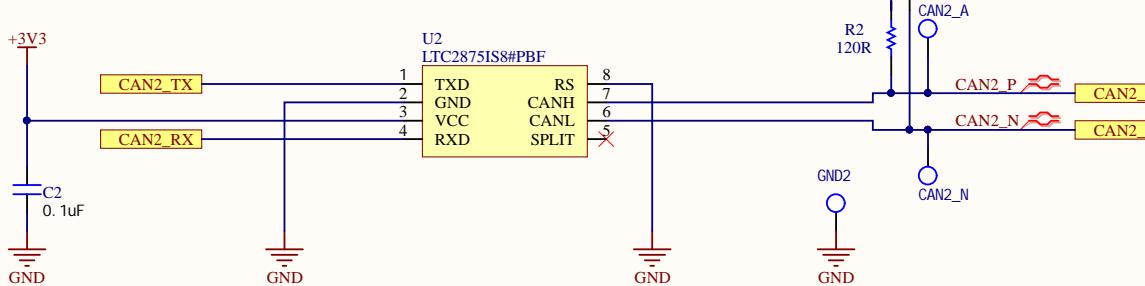
B

B



C

C

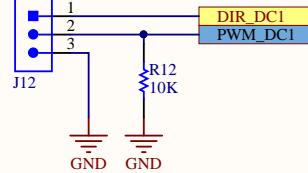
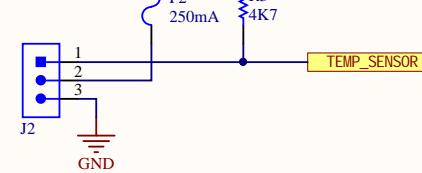
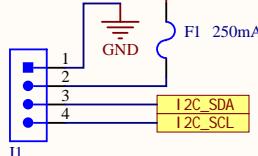


D

D

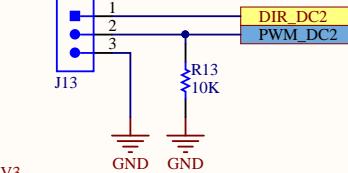
Sensors

A



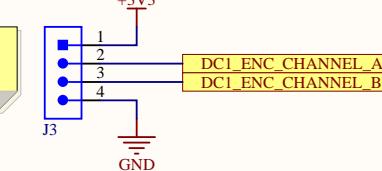
DC Motors

A



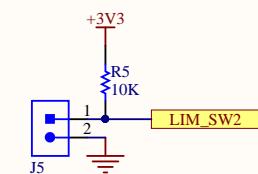
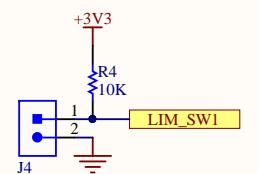
TODO (Rev2):

- Add an RC filter for this encoder



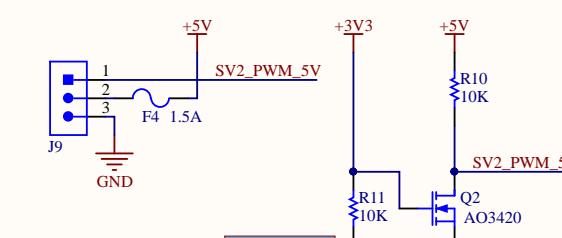
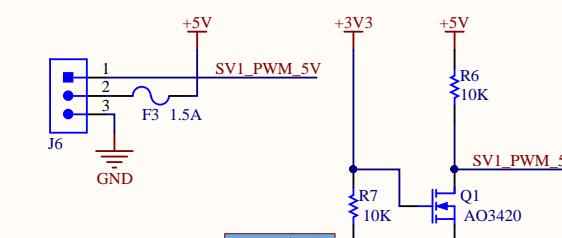
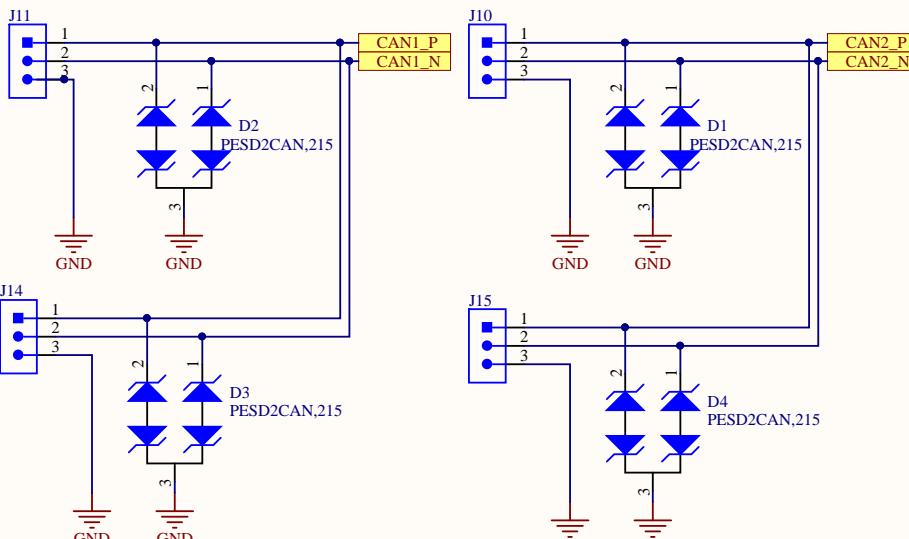
Limit Switches

B



Servos

C



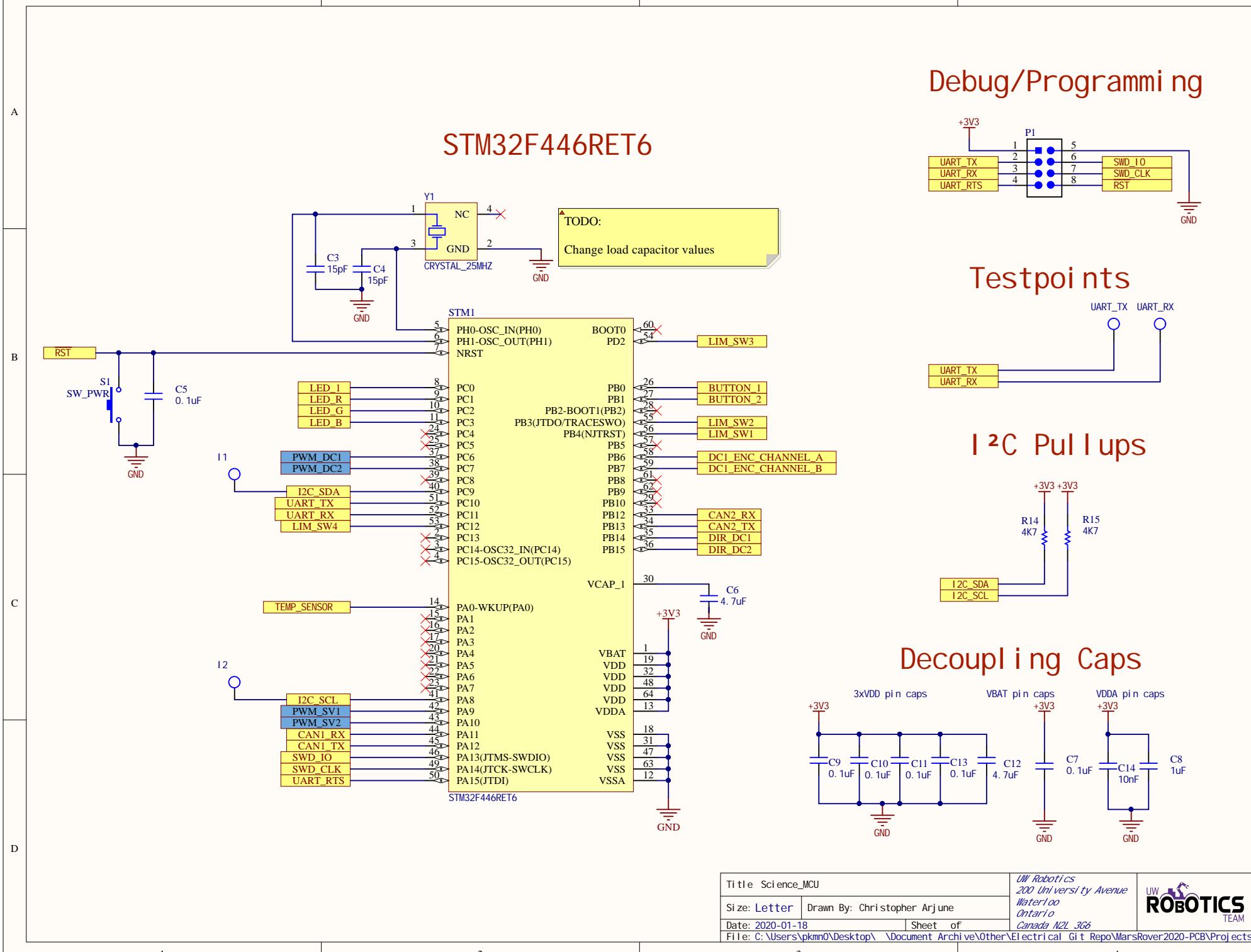
Title: Science_Connectors

Size: Letter | Drawn By: Christopher Arjune

Date: 2020-01-18 | Sheet of

File: C:\Users\pkmn0\Desktop\Document Archive\Other\Electrical Git Repo\MarsRover2020-PCB\Projects\Science\Rev1.sch

UW Robotics
200 University Avenue
Waterloo
Ontario
Canada N2L 3G6UW
ROBOTICS
TEAM



A

A

B

B

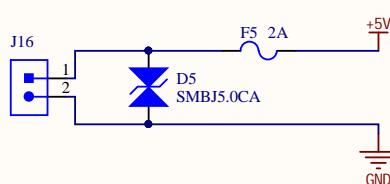
C

C

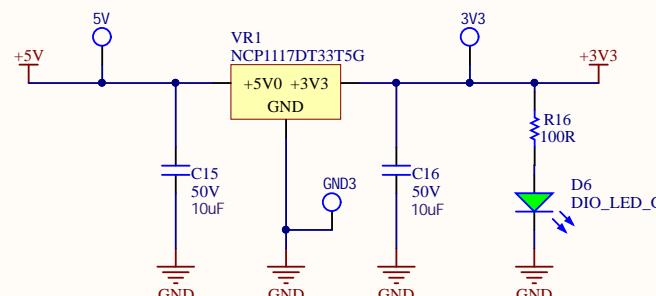
D

D

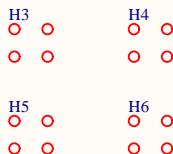
Power In



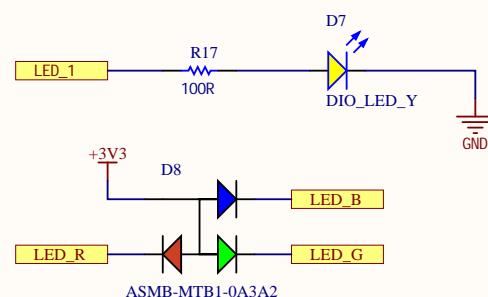
LDO Voltage Regulator



Mounting Holes



Test LEDs



Test Buttons

