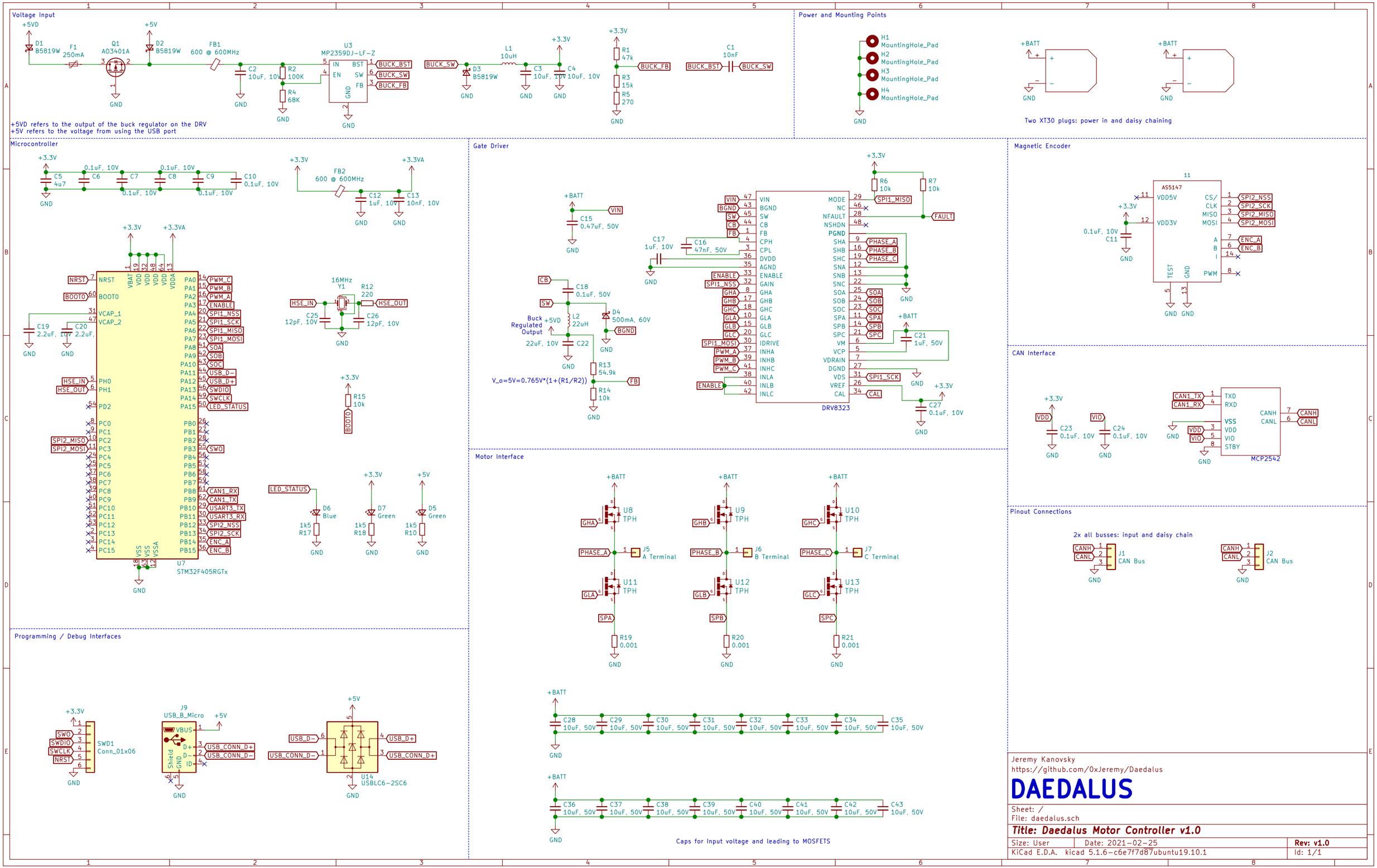
Voltage Input
+5VD refers to the output of the buck regulator on the DRV
+5V refers to the voltage from using the USB port
Power and Mounting Points
Two XT30 plugs: power in and daisy chaining
Microcontroller
STM32F405RGTx
Gate Driver
DRV8323
Magnetic Encoder
AS5147
CAN Interface
MCP2542
Motor Interface
Caps for Input voltage and leading to MOSFETS
Pinout Connections
2x all busses: input and daisy chain
Programming / Debug Interfaces
Jeremy Kanovsky
https://github.com/0xJeremy/Daedalus
DAEDALUS
Sheet: /
File: daedalus.sch
Title: Daedalus Motor Controller v1.0
Size: User
Date: 2021-02-25
Rev: v1.0
KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu19.10.1
Id: 1/1