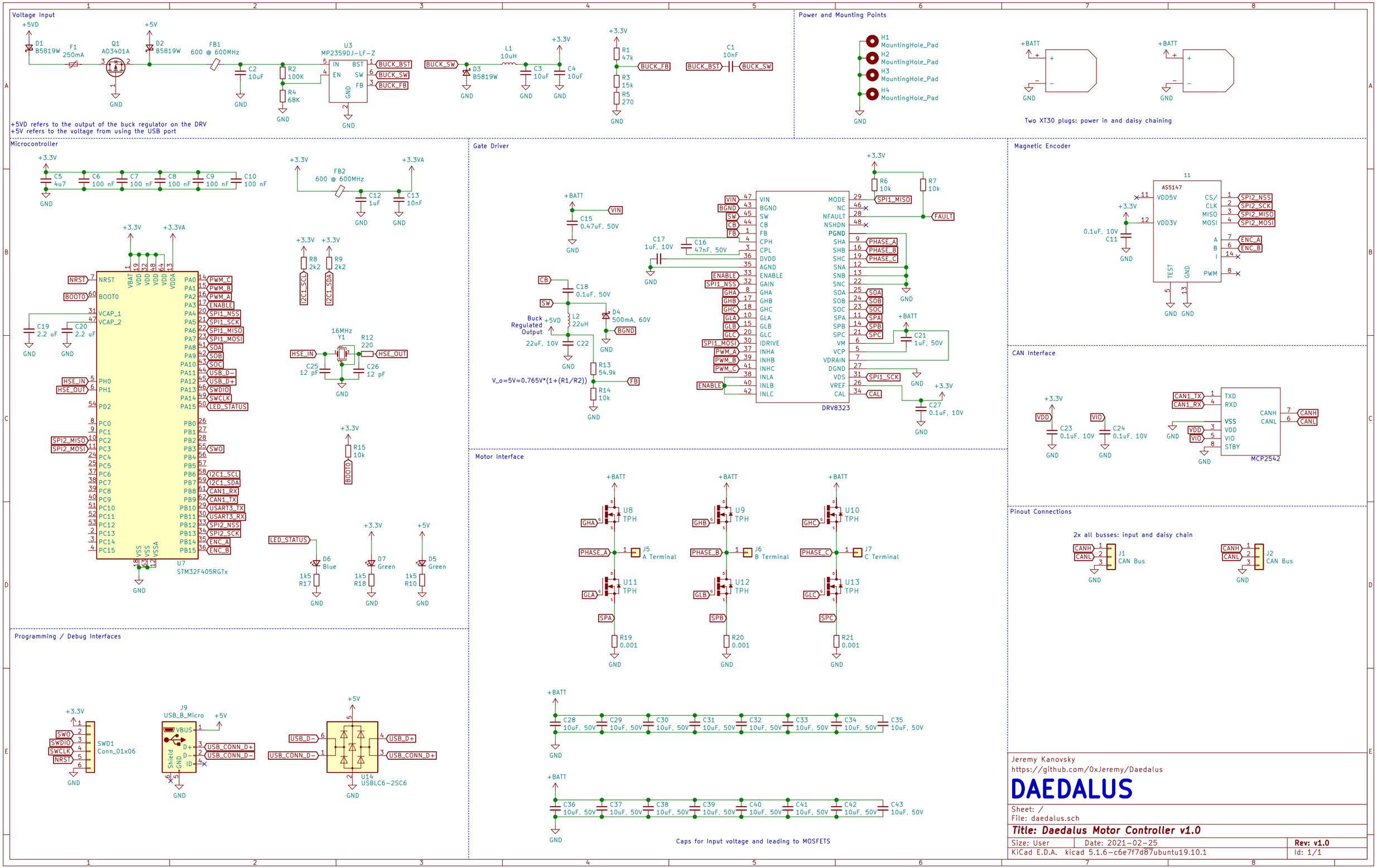
Voltage Input
+5VD refers to the output of the buck regulator on the DRV
+5V refers to the voltage from using the USB port
Power and Mounting Points
Two XT30 plugs: power in and daisy chaining
Microcontroller
STM32F405RGTx
Gate Driver
DRV8323
Magnetic Encoder
AS5147
CAN Interface
MCP2542
Motor Interface
Caps for Input voltage and leading to MOSFETS
Programming / Debug Interfaces
Pinout Connections
2x all busses: input and daisy chain
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