

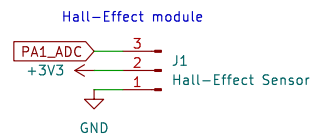
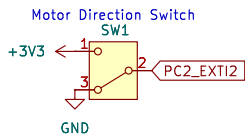
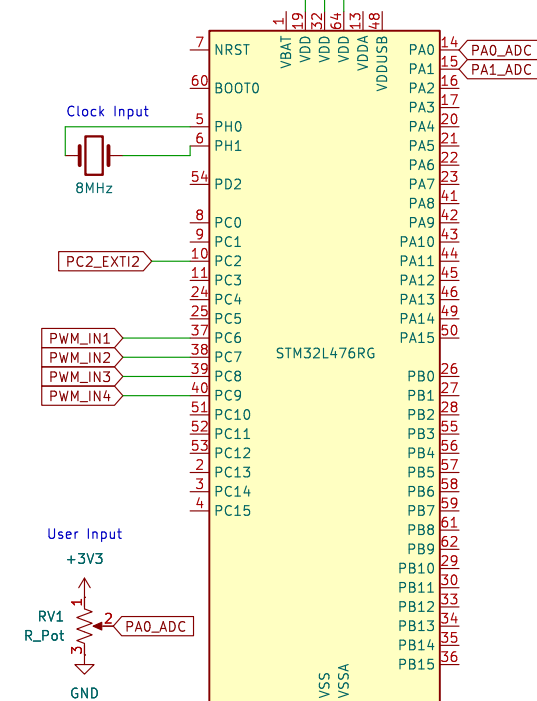
STM32 & Subcircuits

TODO: Find or design buck converter
+3V3

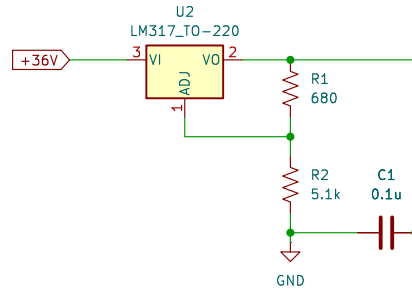
Bypass Capacitors Recommended by ST

C10 0.1u
C9 0.1u
C8 0.1u
C7 4.7u

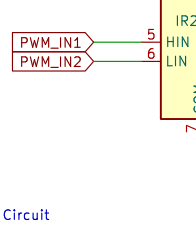
GND



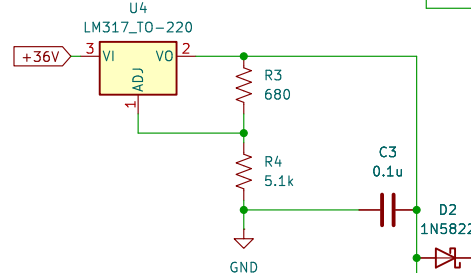
36V to 15V Voltage Regulator Circuit



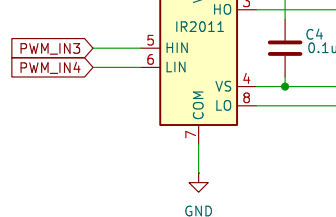
Half Bridge Gate Driver



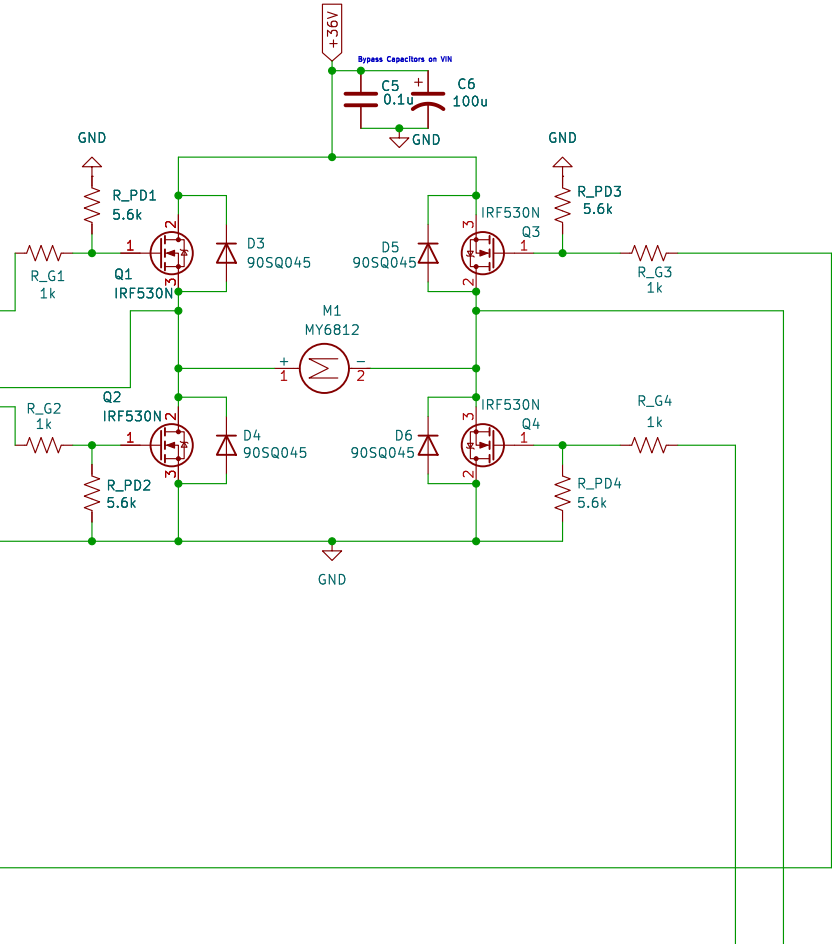
36V to 15V Voltage Regulator Circuit



Half Bridge Gate Driver



H-Bridge Circuit



Electronic Speed Controller Amir Seidakhmetov & Joshua Wilbur

Sheet: /
File: H_Bridge_KiCAD.kicad_sch

Title:

Size: A4

Date: 9/30/2024

Rev: Version: 1.1

KiCad E.D.A. 8.0.5

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