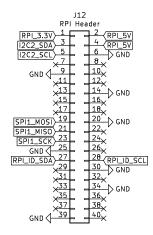


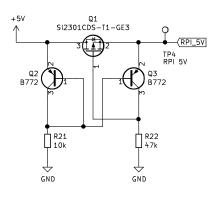
## RPI IHeader



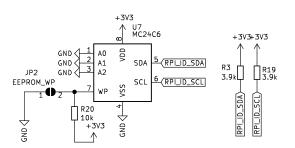
RPI board size: 65x56mm (87x56 with USB)

RPI hole2hole: 58x49 RPI Hole 2 Con: 3,54mm

## RPI Ideal Diode



RPI HAT EEPROM



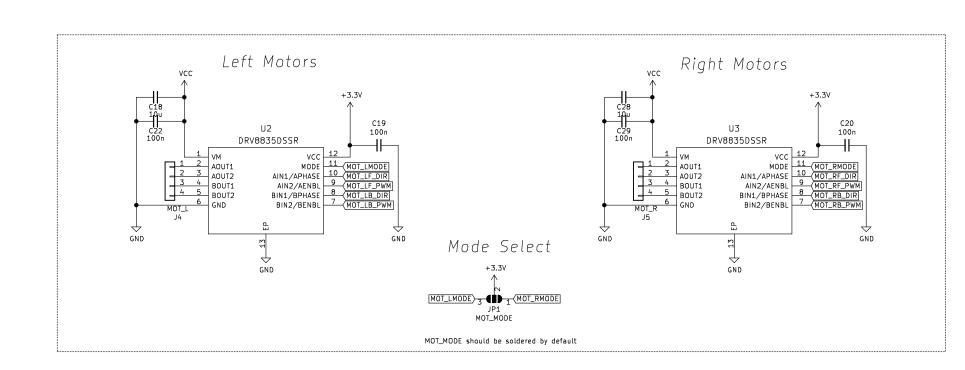
Sheet: /RPI/ File: rpi.sch

Title: Commodity - Raspberry PI Date: 2020-07-17

KiCad E.D.A. kicad 5.1.5+dfsg1-2build2

ld: 2/5

Rev: v1



Encoders

DRV8835 Dual Low-Voltage H-Bridge IC

Datasheet: https://www.ti.com/lit/ds/symlink/drv8835.pdf
Sample Application: https://www.ti.com/lit/ug/slvu694/slvu694.pdf
Pololu Shield: https://www.pololu.com/file/0J803/drv8835-dual-motor-driver-shield-schematic.pdf

Sheet: /Motors/ File: motors.sch

Title: Commodity — Motors		
Size: A4	Date: 2020-07-10	Rev: v1
KiCad E.D.A. I	icad 5.1.5+dfsg1-2build2	ld: 3/5

