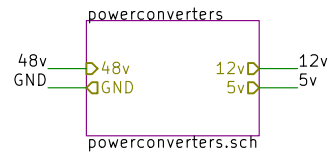
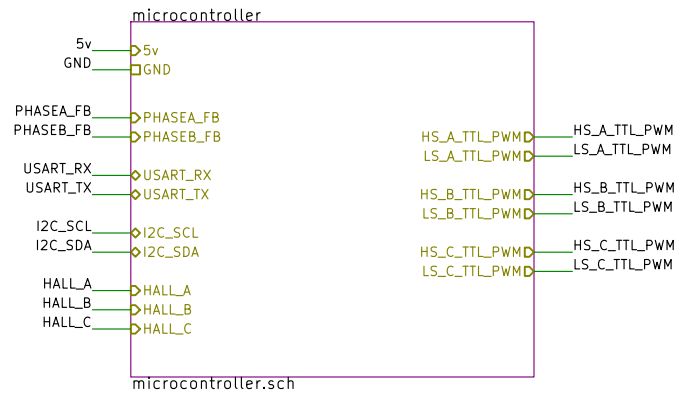
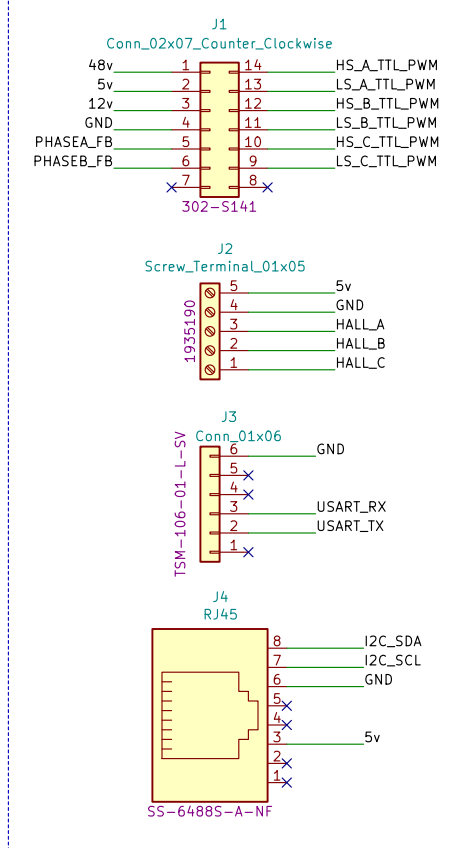


Connections



Mounting_Holes



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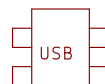
Sheet: /
File: control_v1.sch

Title: Brushless DC Motor Controller

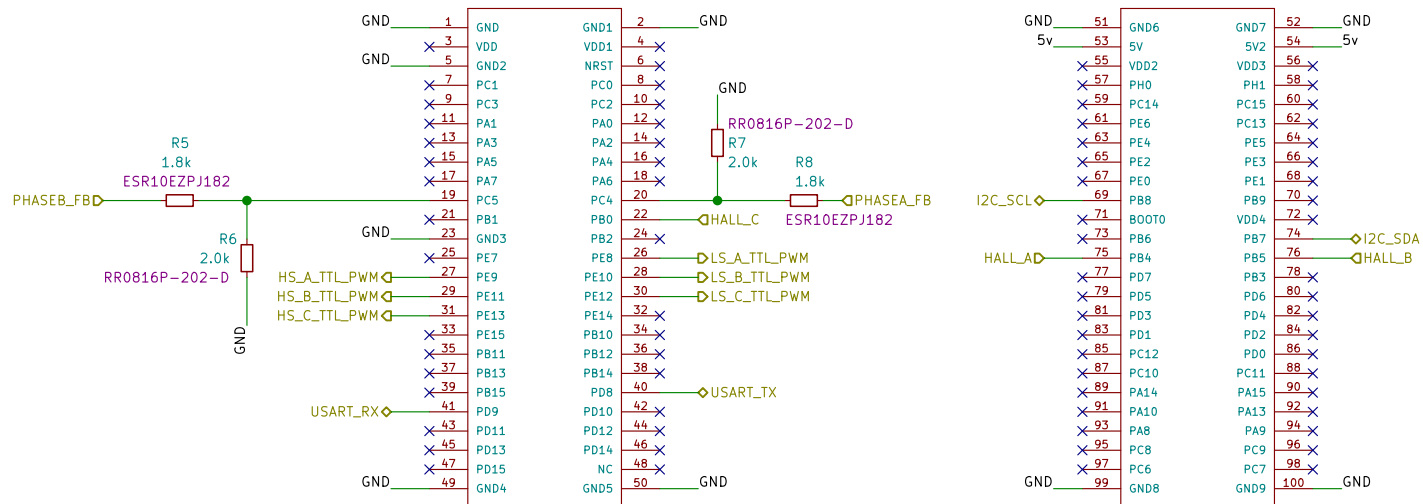
Size: USLetter | Date: 2019-02-02
KiCad E.D.A. kicad 5.0.0-fee4fd165ubuntu17.10.1

Rev: 1
Id: 1/3

STM32F4-DISCOVERY BREAKOUT



GND GND
5v 5v



STM uses 2x25 0.1" female headers on each side
PN: NPPC252KFMS-RC

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Sheet: /microcontroller/
File: microcontroller.sch

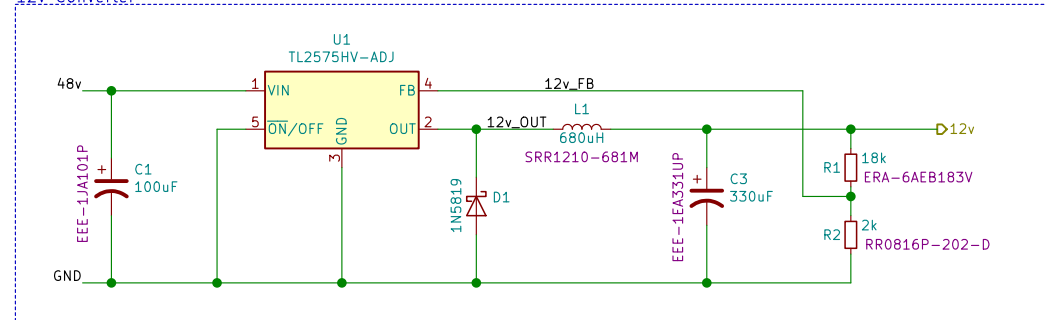
Title: Brushless DC Motor Controller

Size: A4 Date: 2019-02-02
KiCad E.D.A. kicad 5.0.0-fee4fd165ubuntu17.10.1

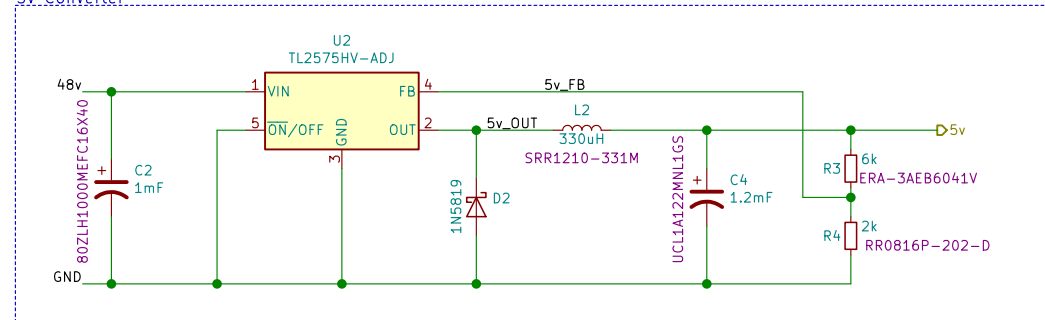
Rev: 1
Id: 2/3

48v 48v
GND GND

12v Converter



5v Converter



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Sheet: /powerconverters/
File: powerconverters.sch

Title: Brushless DC Motor Controller

Size: A4 Date: 2019-02-02
KiCad E.D.A. kicad 5.0.0-fee4fd165ubuntu17.10.1

Rev: 1
Id: 3/3