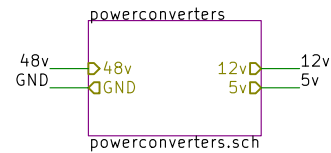
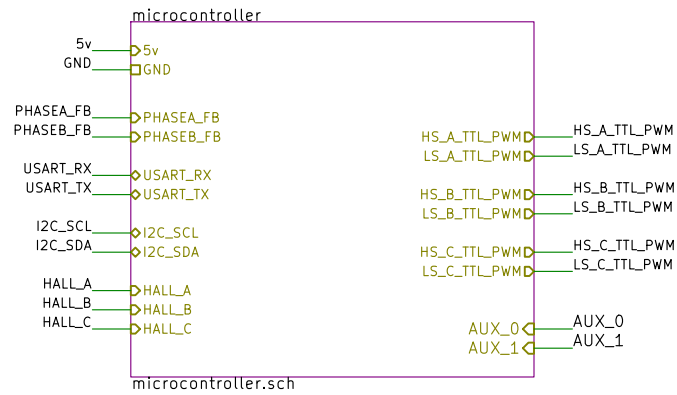
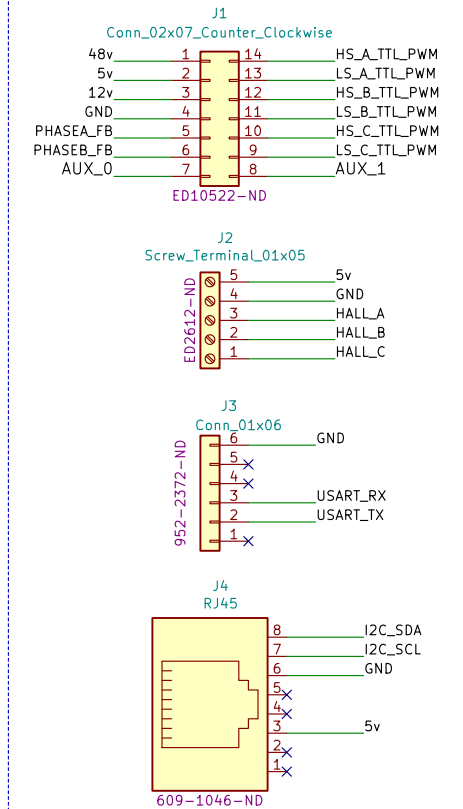
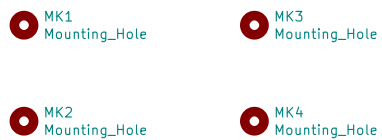


## Connections



## Mounting\_Holes



**Loma Inrocorated**

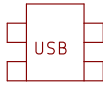
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**Title: Brushless DC Motor Controller**

Size: USLetter Date: 2019-02-07  
KiCad E.D.A. kicad 5.0.0-fee4fd165ubuntu17.10.1

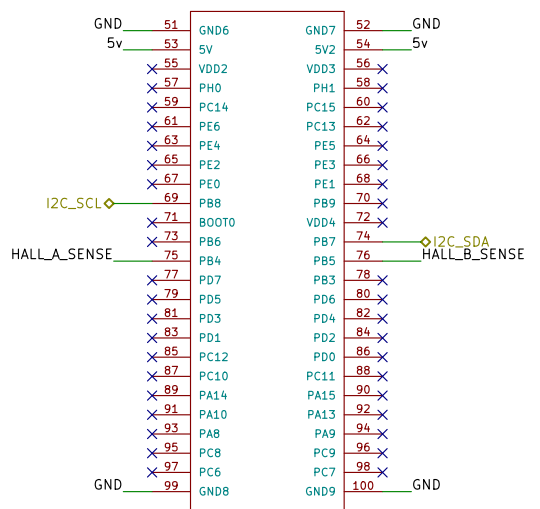
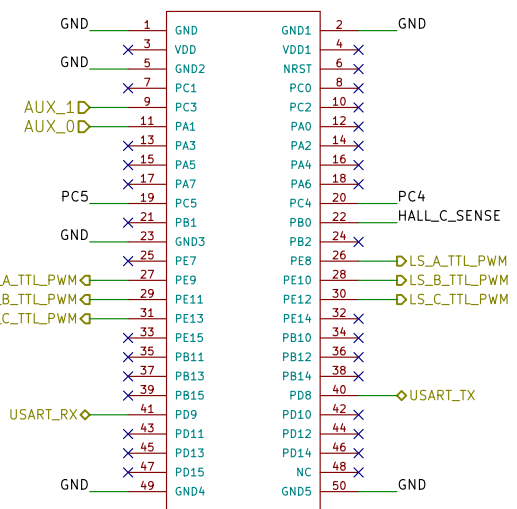
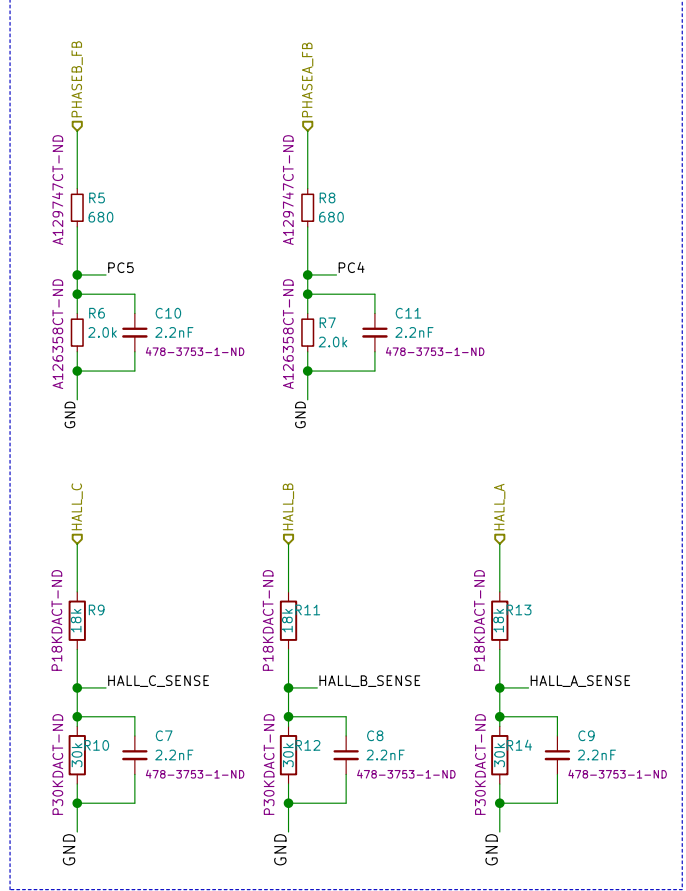
Rev: 1  
Id: 1/3

# STM32F4-DISCOVERY BREAKOUT



GND GND  
5v 5v

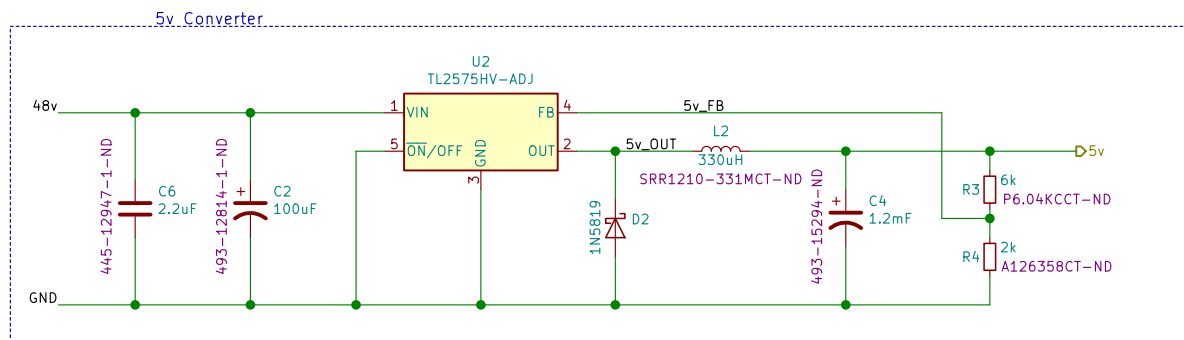
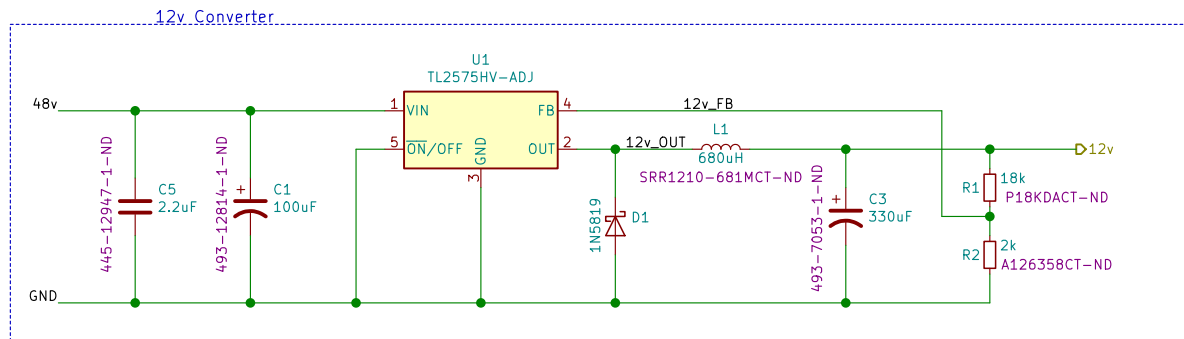
## Signal Filtering



STM uses 2x25 0.1" female headers on each side  
PN: SAM10038-ND

Loma Inrocorporated		
Sheet: /microcontroller/ File: microcontroller.sch		
Title: Brushless DC Motor Controller		
Size: A4	Date: 2019-02-07	Rev: 1
KiCad E.D.A. kicad 5.0.0-fee4fd165ubuntu17.10.1		Id: 2/3

48v  48v  
GND  GND



Loma Incorporated

Sheet: /powerconverters/  
File: powerconverters.sch

**Title: Brushless DC Motor Controller**

Size: A4 Date: 2019-02-07  
KiCad E.D.A. kicad 5.0.0-fee4fd165ubuntu17.10.1

Rev: 1  
Id: 3/3