

## Connections

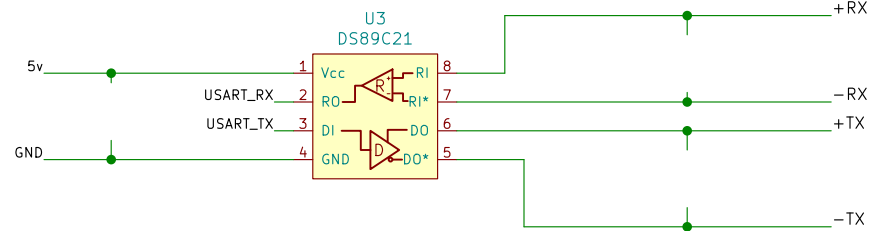
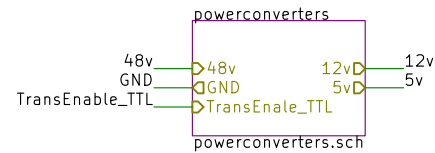
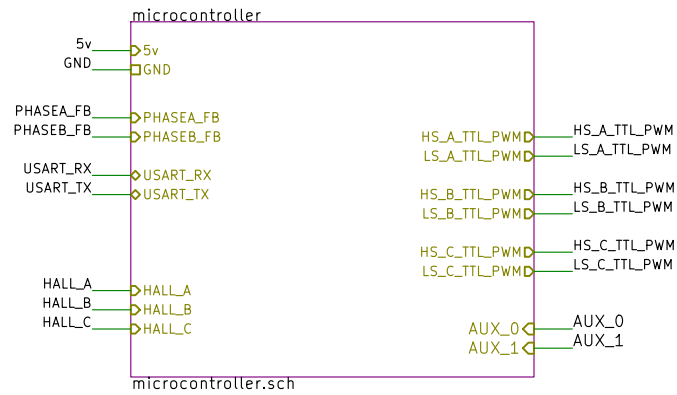
48v	HS_A_TTL_PWM
5v	LS_A_TTL_PWM
12v	HS_B_TTL_PWM
GND	LS_B_TTL_PWM
PHASEA_FB	HS_C_TTL_PWM
PHASEB_FB	LS_C_TTL_PWM
AUX_0	AUX_1

5v
GND
HALL_A
HALL_B
HALL_C

-RX
+RX
GND
TransEnable_TTL
5v
+TX
-TX

## Mounting\_Holes

GND	GND
GND	GND



**Loma Incorporated**

Sheet: /

File: control\_v1.sch

**Title: Brushless DC Motor Controller**

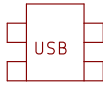
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KiCad E.D.A. kicad (5.1.2)-2

**Rev: 1**

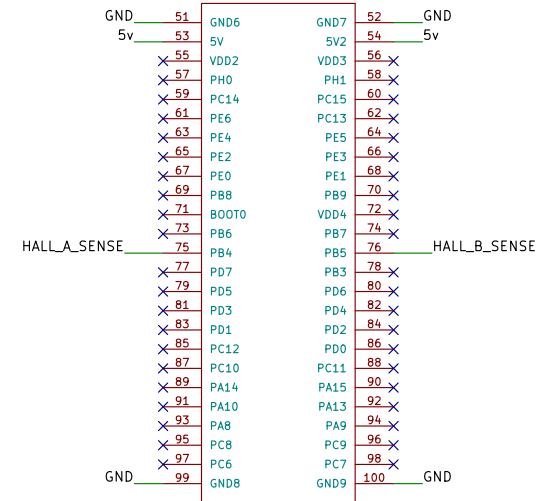
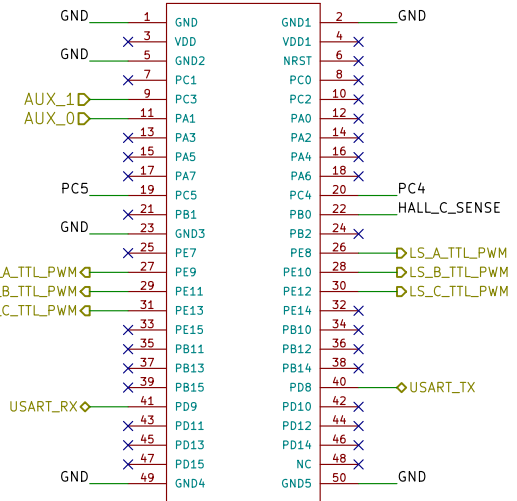
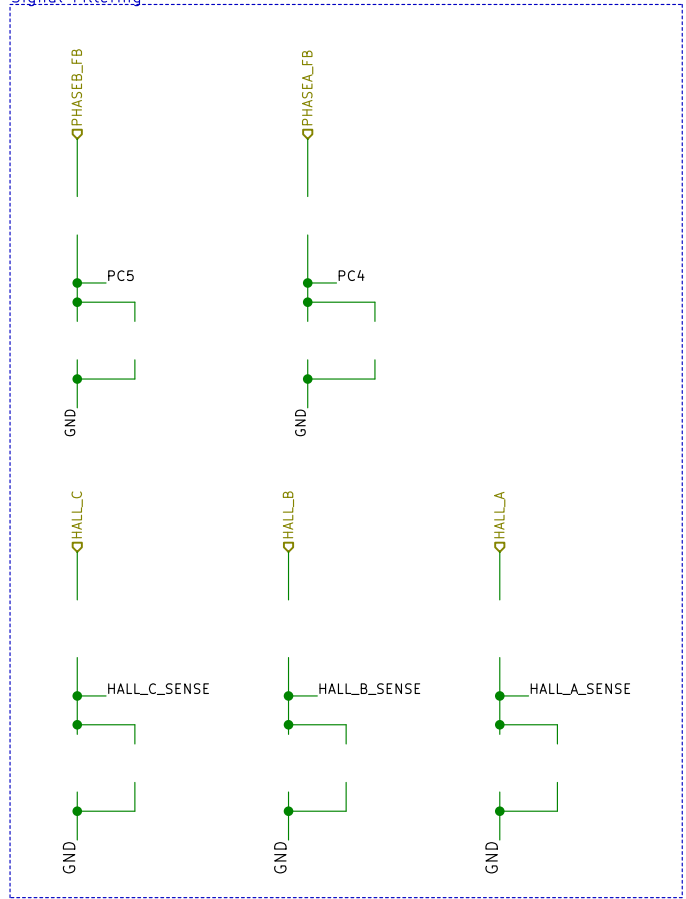
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# STM32F4-DISCOVERY BREAKOUT



GND GND  
5v 5v

Signal Filtering



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

