

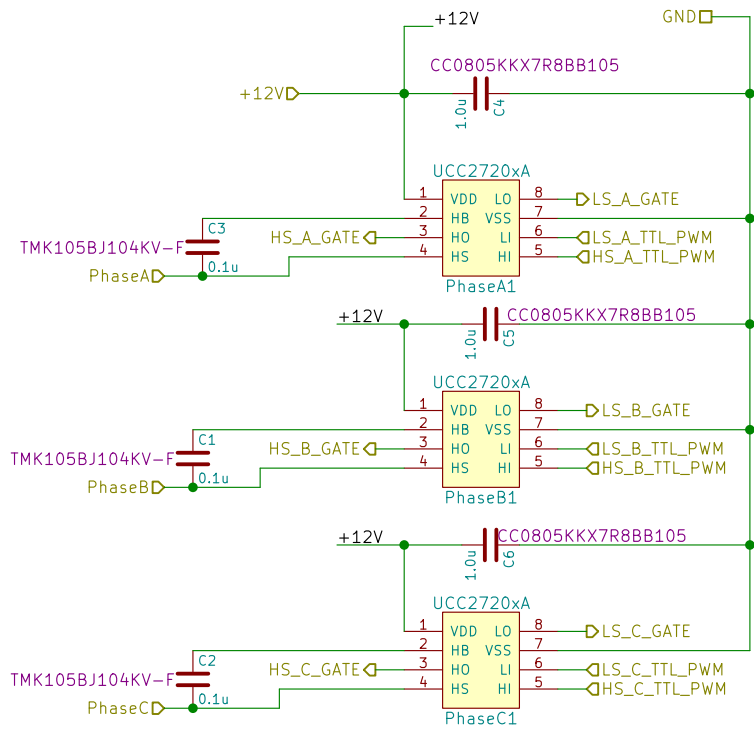
Loma Incorporated

Sheet: /  
File: bldc\_v1.sch

**Title: Brushless DC controller**

Size: A4 Date: 2018-03-16  
KiCad E.D.A. kicad 4.0.7-e2-637660ubuntu17.10.1

Rev: 1  
Id: 1/5



Loma Incorporated

Sheet: /GateDriver/

File: GateDriver.sch

**Title: Gate Drivers**

Size: A4

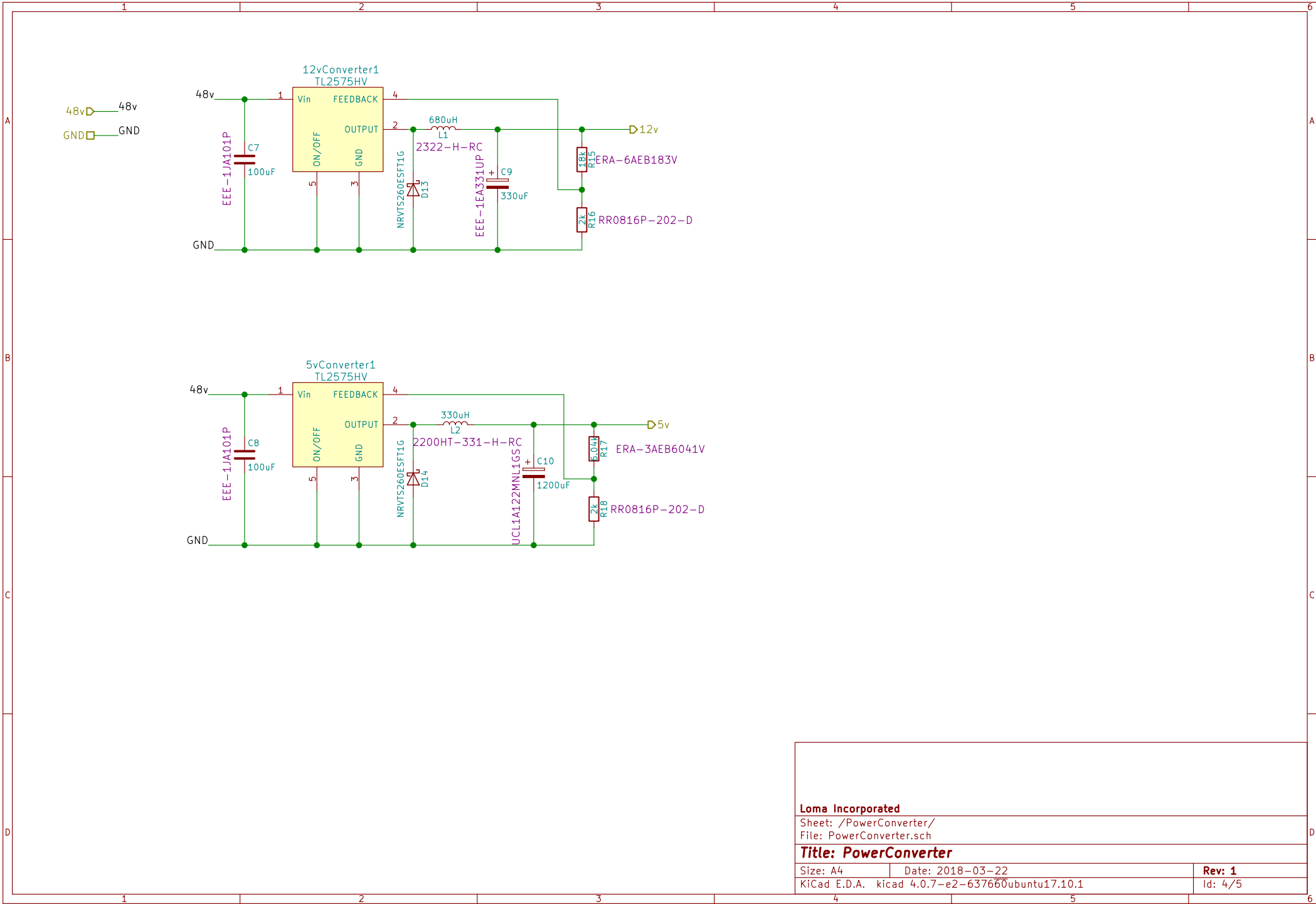
Date: 2018-03-18

Rev: 1

KiCad E.D.A. kicad 4.0.7-e2-637660ubuntu17.10.1

Id: 2/5

Id: 3/5



Loma Incorporated

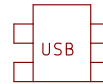
Sheet: /PowerConverter/  
File: PowerConverter.sch

**Title: PowerConverter**

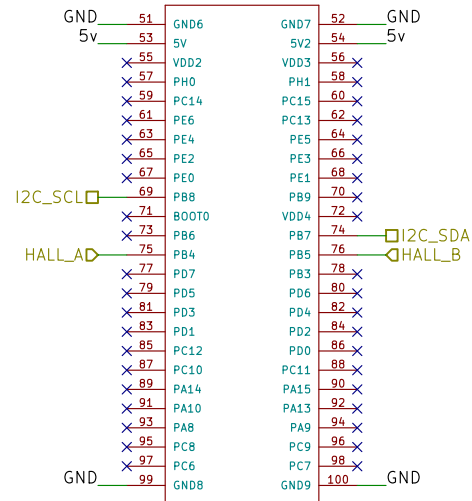
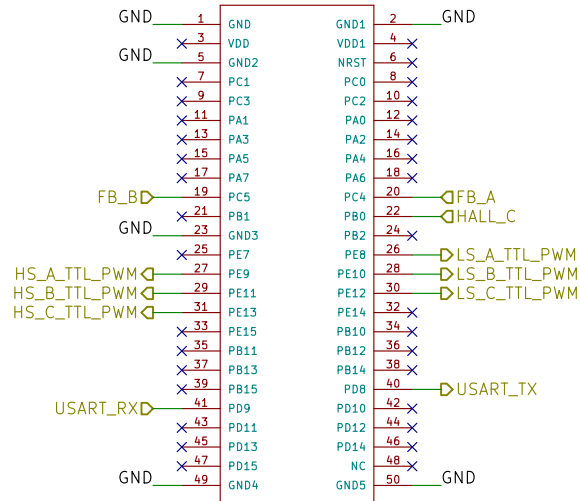
Size: A4 Date: 2018-03-22  
KiCad E.D.A. kicad 4.0.7-e2-637660ubuntu17.10.1

**Rev: 1**  
Id: 4/5

# STM32F4-DISCOVERY BREAKOUT



GND GND  
5v 5v



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

Sheet: /Microcontroller/  
File: Microcontroller.sch

**Title:**

Size: A4

Date:

KiCad E.D.A. kicad 4.0.7-e2-637660ubuntu17.10.1

**Rev:**

Id: 5/5