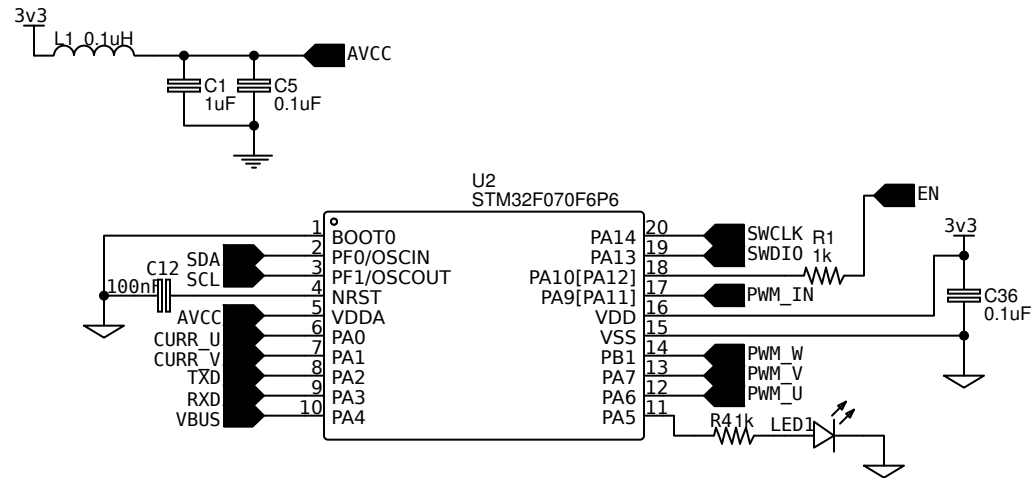
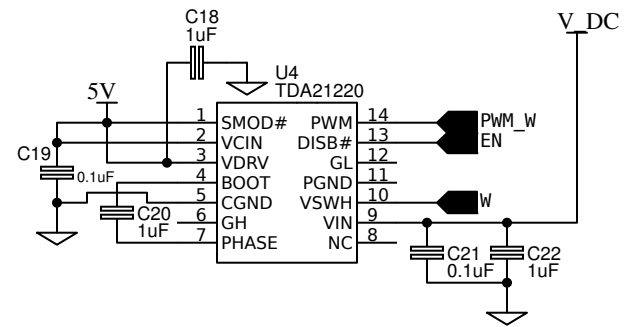
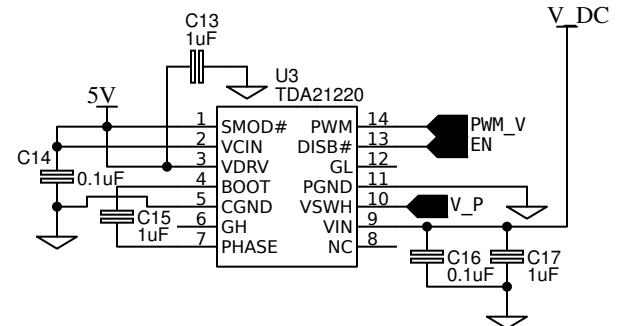
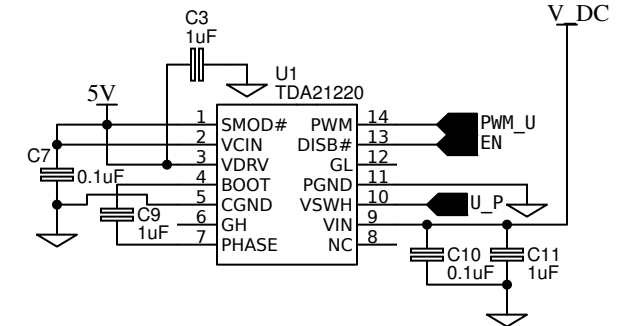


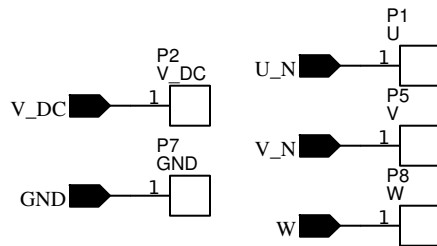
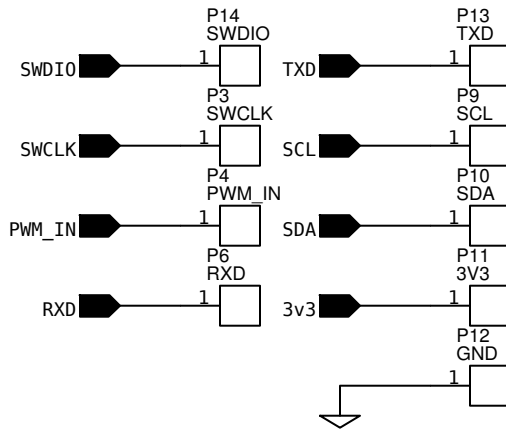
MCU



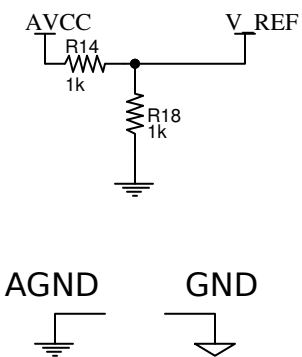
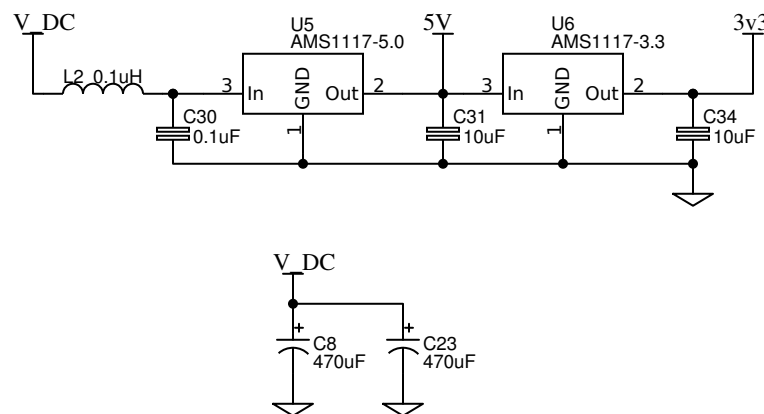
3 PHASE BRIDGE



CONNECTORS



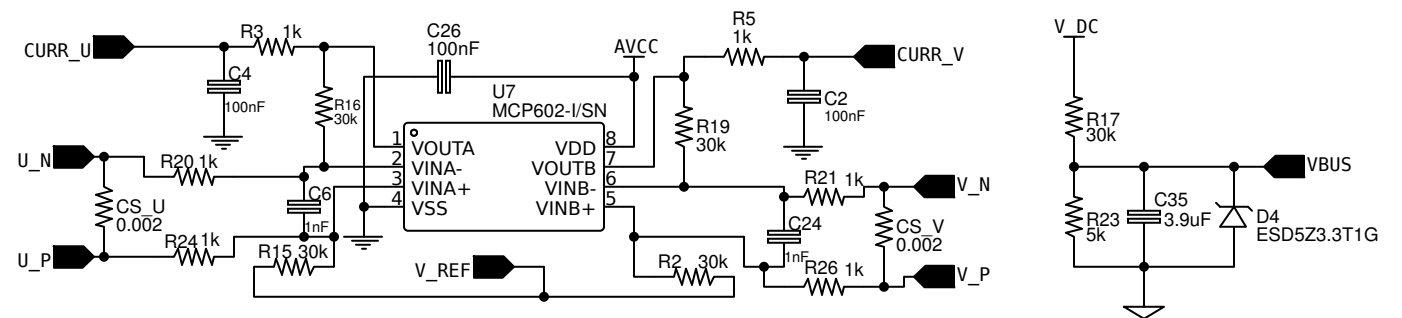
POWER SUPPLY



Connected only in one point.

MEASUREMENTS

For bipolar current reading connect opAmp in defferential mode with offset schame.
 Offset voltage: $V_{offset} = AVCC / 2$.
 Gain: R_f / R_g . $R_g = R3 = R20 = R5 = R21$. $R_f = R16 = R15 = R19 = R2$.
 Output voltage: $V_{offset} + (Gain * [Vin+] - [Vin-])$



TITLE: cFOC_ESC		REV: 1.0
Date: 2018-05-07		Sheet: 1/1
EASYEDA V5.4.12	Drawn By: Lysergiceny	