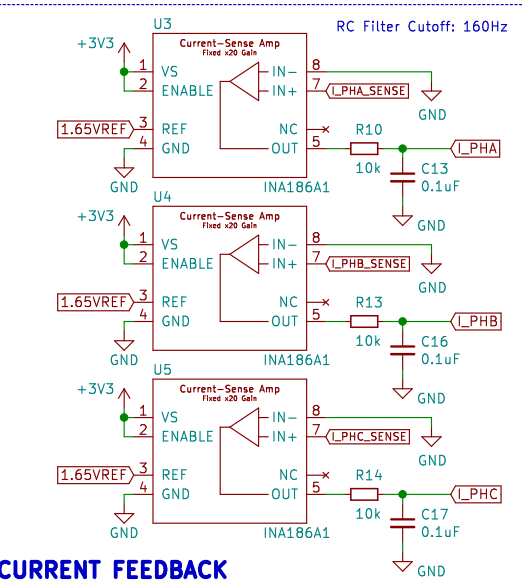
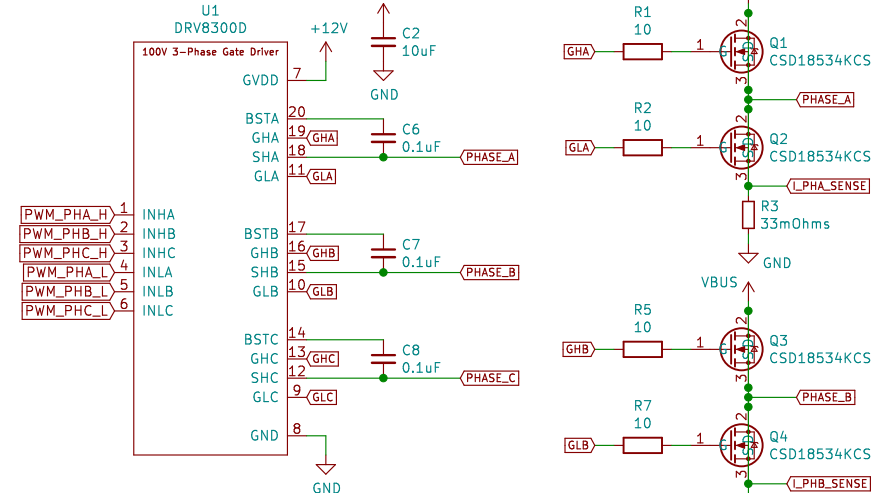


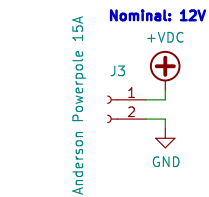
INVERTER DRIVE



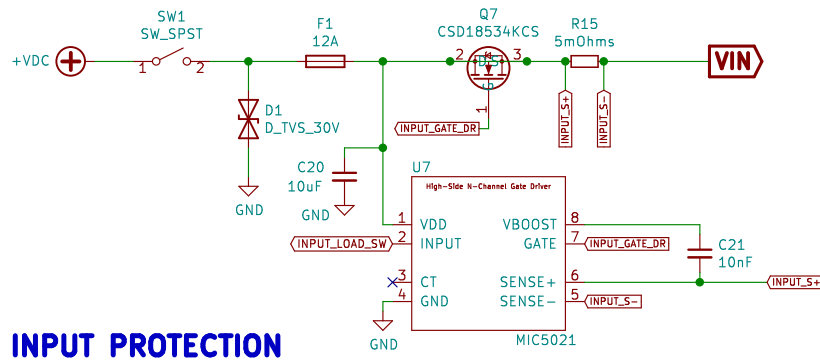
MICROCONTROLLER

CURRENT FEEDBACK

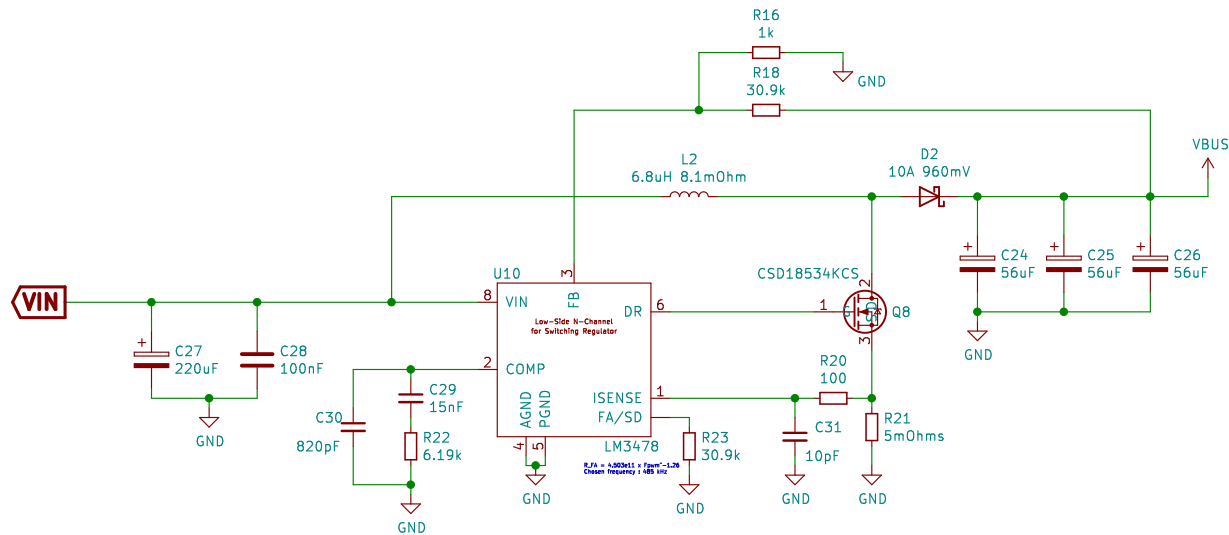
Author: Abdullah Almosalami	
This board is meant to deliver 3-phase SPWM 40VAC from a nominal 12VDC source. This can be used to, for example, drive a brushless DC motor.	
3-Phase Inverter Board Project	
Sheet: /	
File: 3_phase_inverter_board.sch	
Title: Microcontroller/Inverter Page	
Size: A4	Date: 2021-11-14
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Id: 1/2	



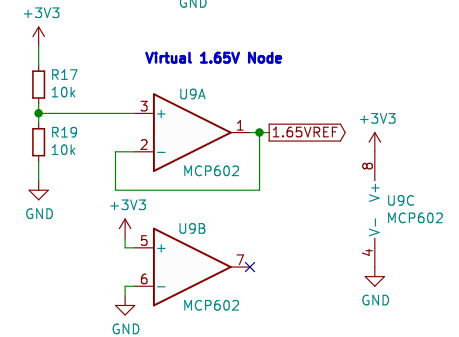
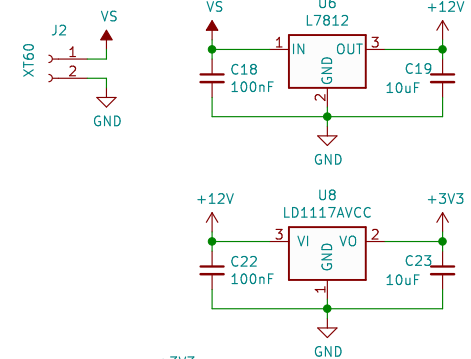
VBAT INPUT



INPUT PROTECTION



BOOST CONVERTER STAGE: VBAT --> 40VDC



3V3 AND +12V POWER

Author: Abdullah Almosalami

This board is meant to deliver 3-phase SPWM 40VAC from a nominal 12VDC source. This can be used to, for example, drive a brushless DC motor.

3-Phase Inverter Board Project

Sheet: /Power/
File: 3_ph_inv_brd--pwr.sch

Title: Power Page

Size: A4 Date: 2021-11-14

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Rev: 0.1

Id: 2/2