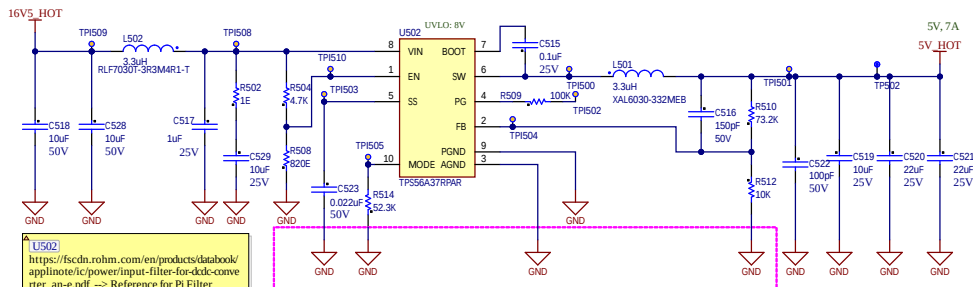


DONE

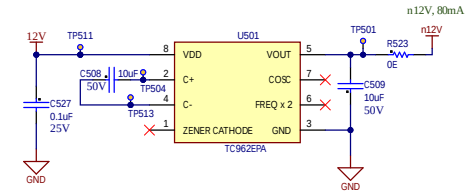
PoE/ACDC (8-18V) to 5V DCDC SUPPLY (BUCK)



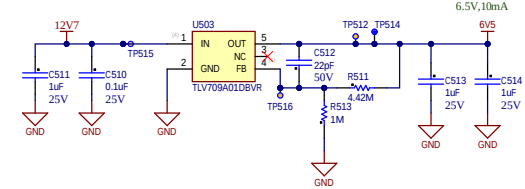
U502
https://fscdn.rohm.com/en/products/databook/applnote/ic/power/input-filter-for-dcdc-conve-rtter_an-e.pdf --> Reference for Pi Filter Design

12V TO n12V SUPPLY (CHARGE PUMP)

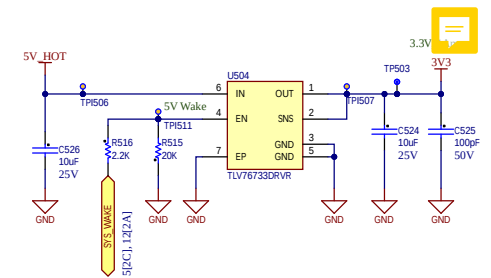
Note: Charge pump circuit is for alternate option if n12V boost is not stable



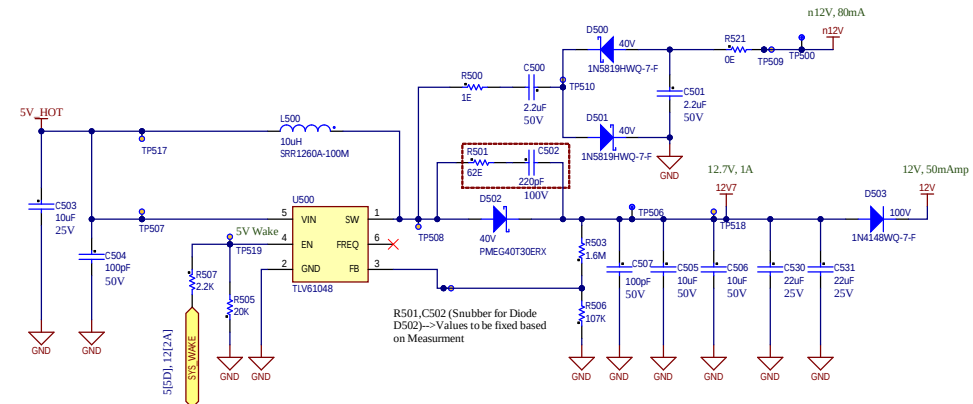
12V7 TO 6V5 SUPPLY (LDO2)



5V TO 3V3 SUPPLY (LDO1)



5V to 12V & n12V SUPPLY (BOOST)



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APPR DATE: 09-Aug-2024	

TITLE	
DCDC_SUPPLY.SchDoc	PROJECT NAME
EVSE Power Board	SCALE 1:1
SHEET 5 OF 12	SCH.NO. [No Variations]

