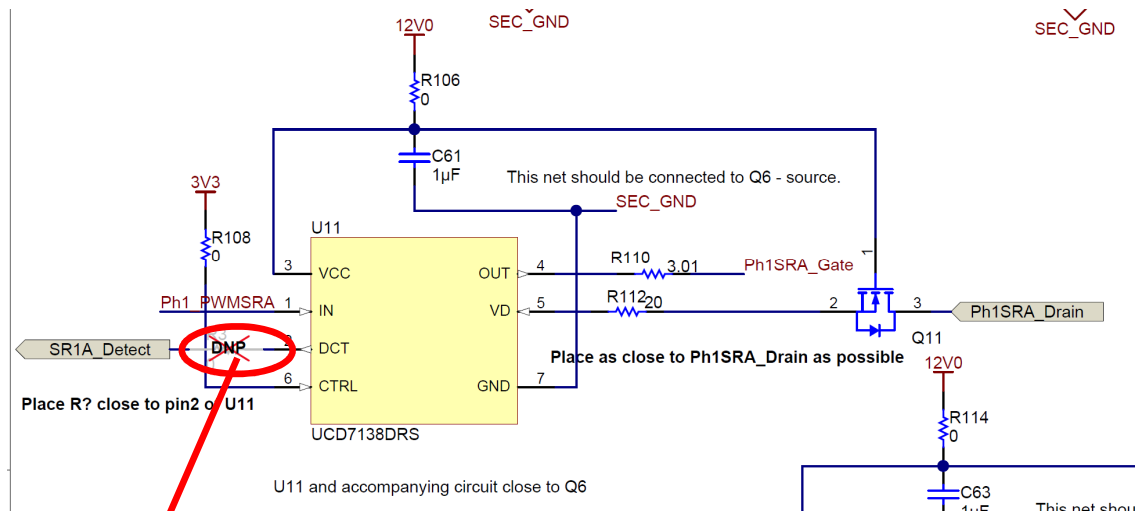
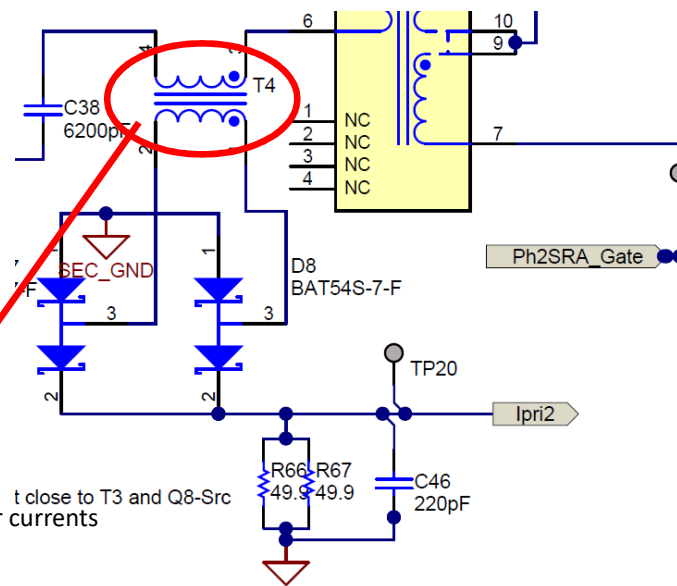


Some updated design approaches we plan to implement in our version of TMS320F28379D MCU with its original code( scaled to accommodate 5V/80 amp case from , 380V from a PFC)

- We need to add “remote sensing of output voltage from load nodes



Does DNP mean the DCT outputs of UCD7138 are not connected to the processor?  
 What is then "R?" an open? How does processor give out correct SR timing for 8 such sync rectifier timing without DTC?



Can the current xmfr be smaller with known vt capability, can detect similar currents  
 Such as TDK B82801B?

t close to T3 and Q8-Src

.5mOhm /3.2W current sensing



non-dissipative current sensing  
NVE AAL0024-10E sensor

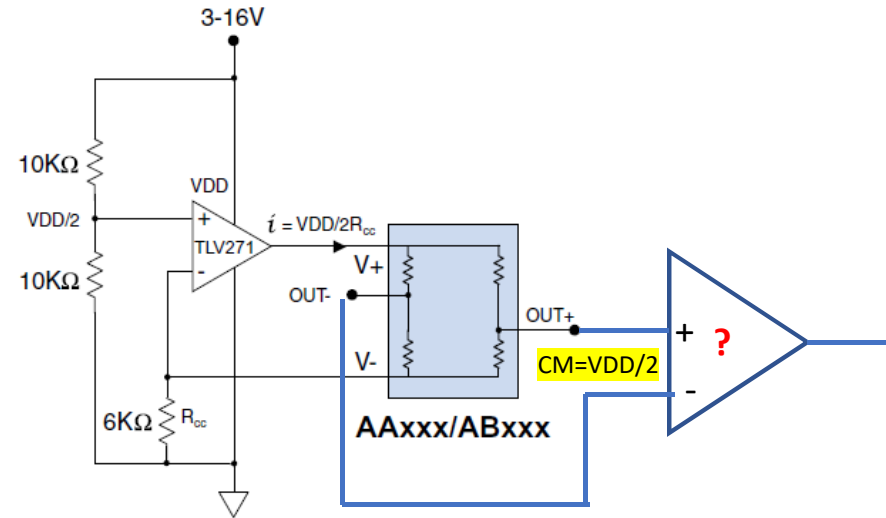
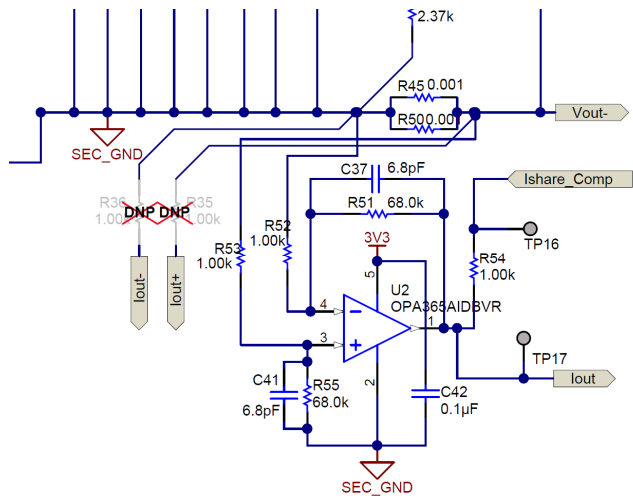


Figure 11. Constant-current supply.

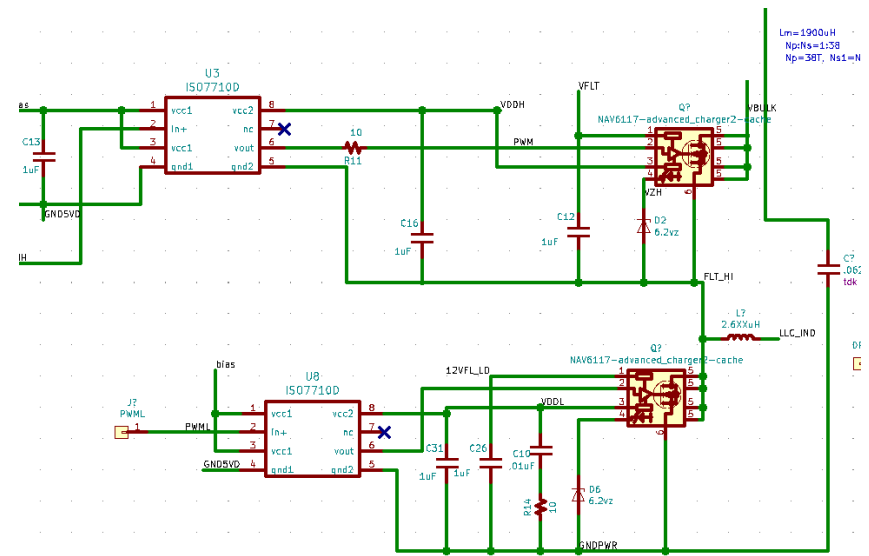
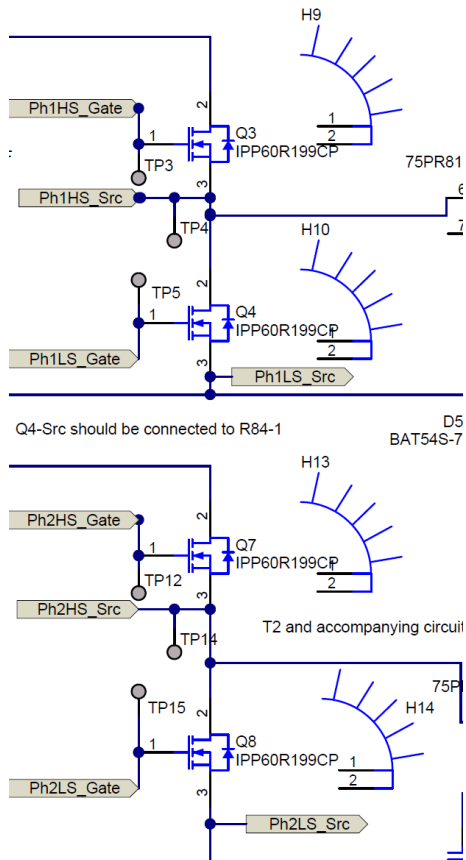
WITH VDD =12V, LOOKING FOR A DIFF OPAMP  
SAME FILTERING WILL BE ADDED

## MOSFET BASED APP

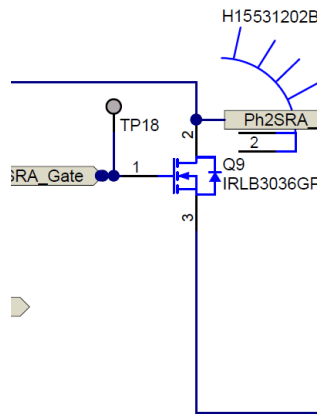
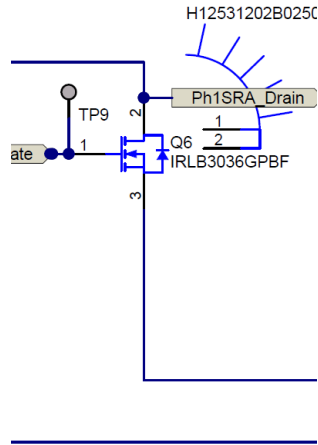


## NAV6117 BASED APP

Do you see any issues if we use the same code ?

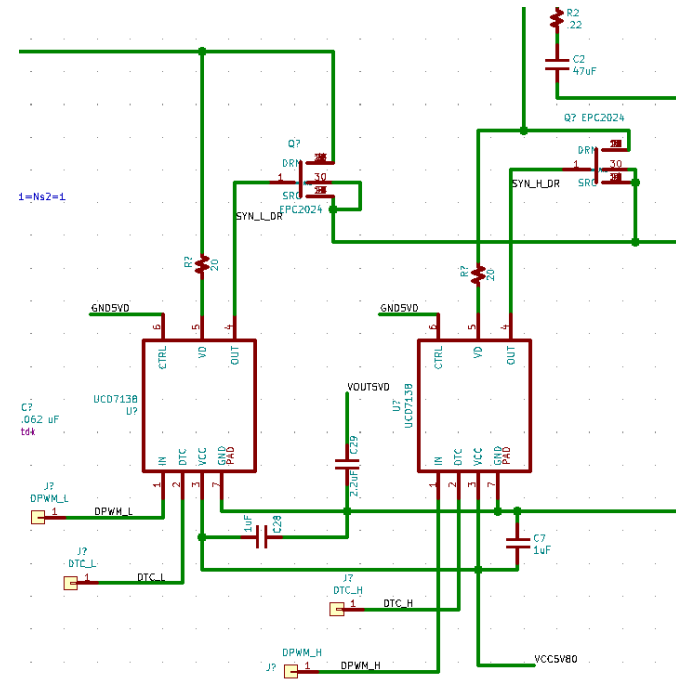


### MOSFET BASED SR



### EPC2024 BASED SR

Do you see any issues if we use the same code ?



## REMOTE FEEDBACK

Will there be issues with this differential signal to voltage control ADC input

