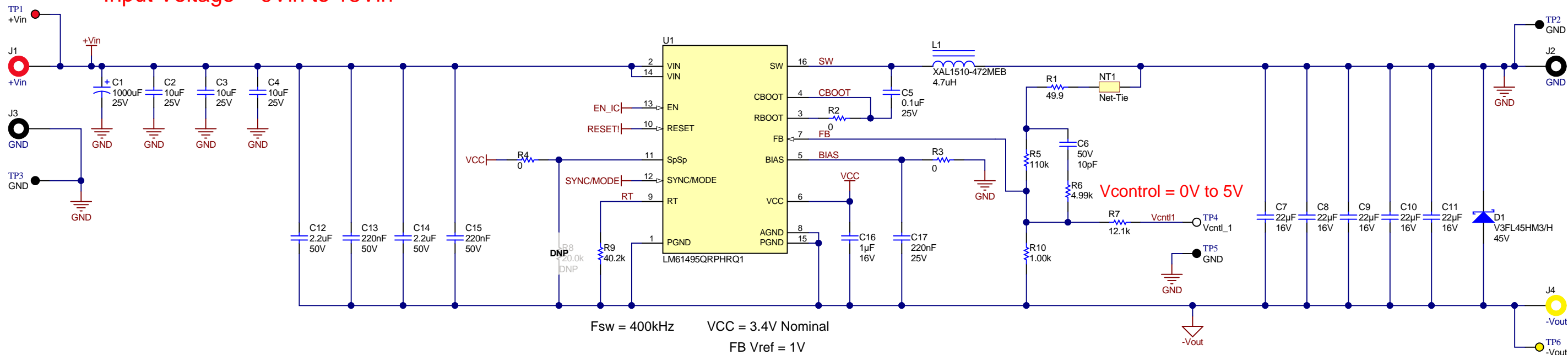


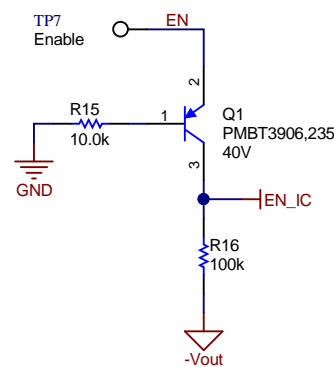
Input Voltage = 9Vin to 18Vin



Fsw = 400kHz
VCC = 3.4V Nominal
FB Vref = 1V

-7.5Vout to -12Vout @ 5A

Enable Sub-Circuit

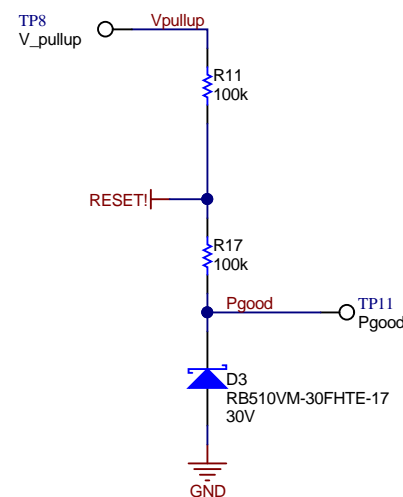


Enable:

To enable the converter, apply a voltage on the TP7 testpoint, between 1V and 24V (Abs. Max.), relative to GND.

To disable the converter, apply a voltage on the TP7 testpoint, below 0.3V, relative to GND, or leave floating.

Pgood Sub-Circuit

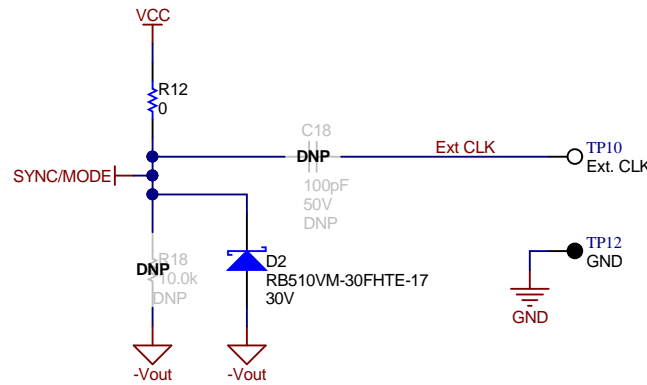


Pgood :

Apply the desired pullup voltage to TP8. This should be no more than 8V Abs. Max., relative to GND!

The Power Good signal will be on the TP11 testpoint and will swing between the provided Pgood pullup voltage provided by user on TP8 and near 0V.

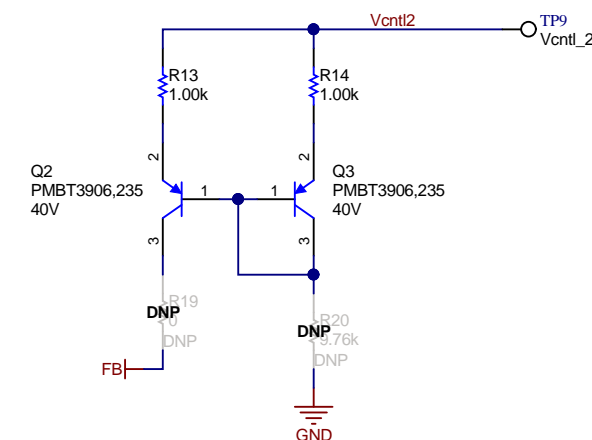
Mode



Mode Options:

1. For FPWM operation: install R12; uninstall R18.
2. For PFM operation: install R18; uninstall R12
3. To synchronize to external clock signal, configure in PFM mode, install C18 and provide external clock signal to TP10, referenced to GND (TP12).

Current Mirror Vout Adjust method



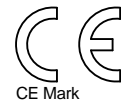
Output Voltage Adjustment Method:

1. If using the current mirror sub-circuit for adjusting the output: install R19 and R20; change R5 to 11Kohm.
2. Apply a 0V to 5V control signal to TP9 to adjust the output voltage between -12V to -7.5V, respectively.

H1 NY PMS 440 0025 PH
 H2 NY PMS 440 0025 PH
 H3 NY PMS 440 0025 PH
 H4 NY PMS 440 0025 PH

H5 1902C
 H6 1902C
 H7 1902C
 H8 1902C

PCB Number: PMP23241
 PCB Rev: A



PCB LOGO
 FCC disclaimer

PCB LOGO
 WEEE logo

Variant/Label Table

Variant	Label Text
001	

LBL1
 PCB Label
 THT-14-423-10
 Size: 0.65" x 0.20 "

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