UVLO:
Low inductance / surface mount FETs must be used here, due to the high speed switching
Do not use TO-220 type FETs

TPS40170 control is Voltage Mode with FF with PWM gain of $\frac{\text{Vin}}{\text{Vramp}}$ about 15

FET ratings
14.1 mOhms

100V plus Avalanche

On PCB PMP6680A jumper TP1 to junction of R2/R3

On PCB PMP6680A jumper out L1 with wide strap

C22: 28mOhms max at 100kHz ESR

max overall output Z at 17kHz: less than 40mOhms

L2 Z at 15kHz 2 ohms

min filter attenuation at 15kHz is 50

Tested January 15, 2015: See Test Report
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