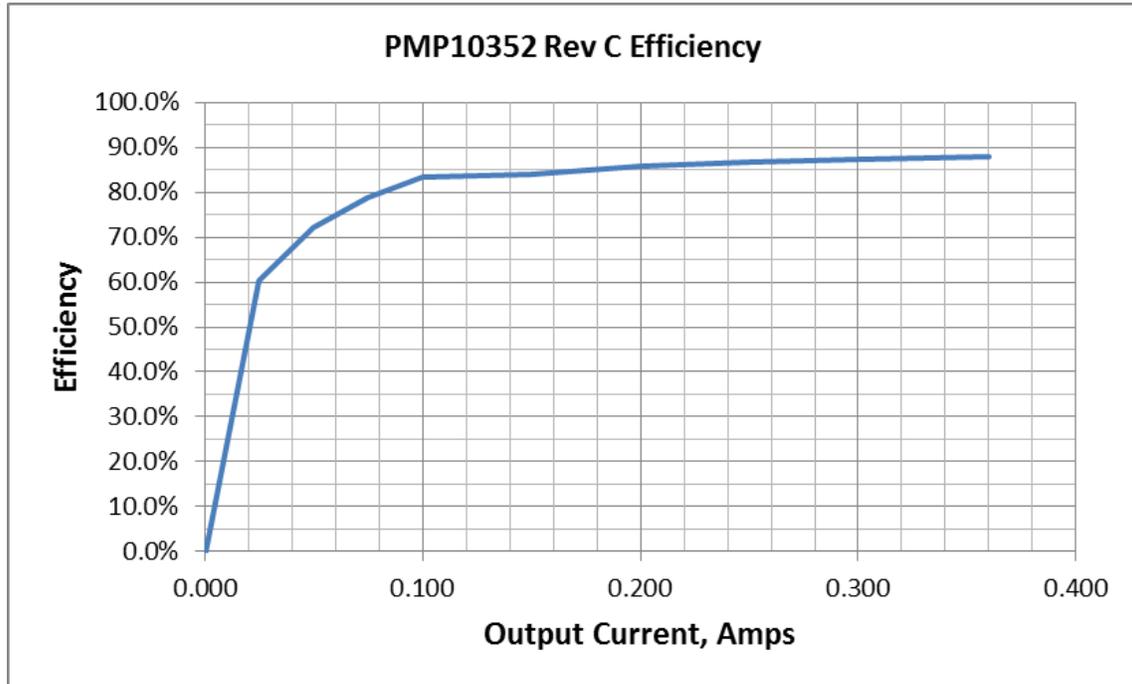


All measurement taken with 360mA load, 12V input and 20MHz BWL unless noted.

Efficiency

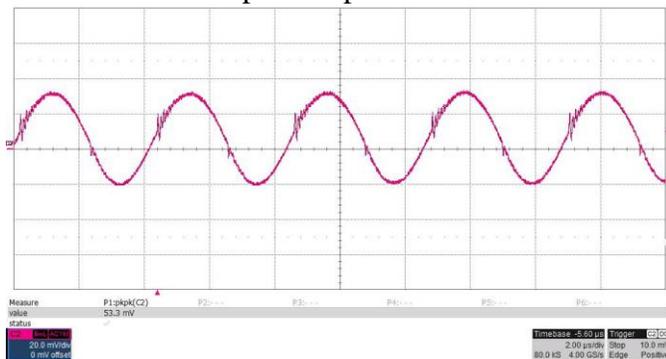
The efficiency is shown below:



Ripple and Noise

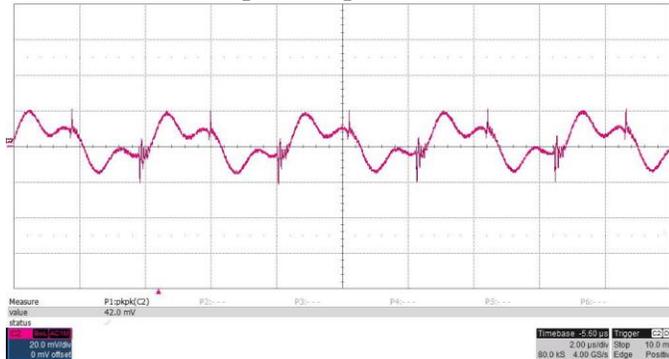
Output Ripple, 20mV/div

Measured 53.3mV peak to peak:



Input Ripple, 20mV/div

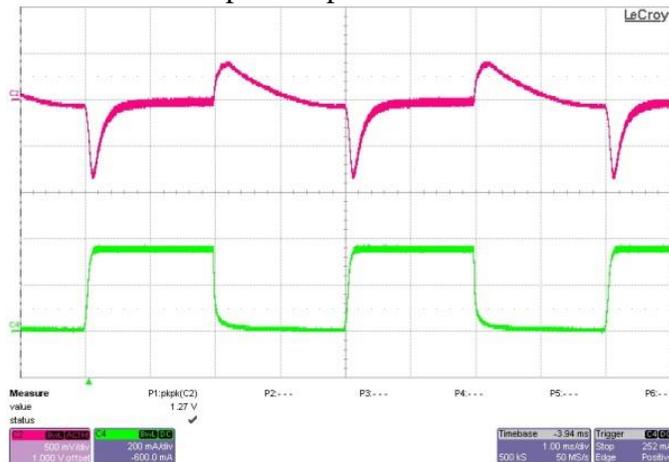
Measured 42.0mV peak to peak:



Dynamic Loading

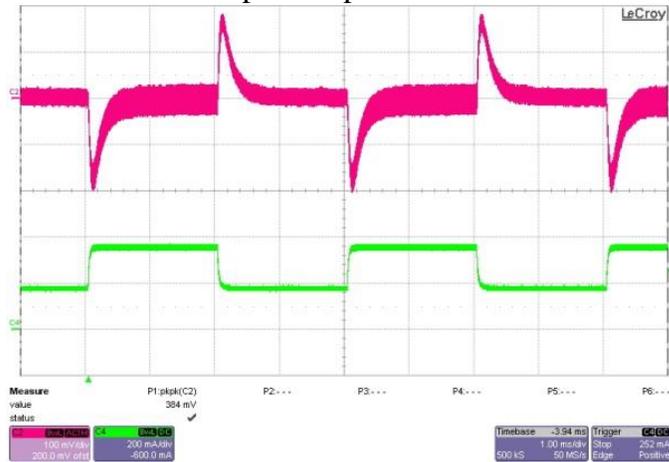
0A to 360mA load step; 36mA/usec, 500mV/div, 1msec/div

Measured 1.27V peak to peak:



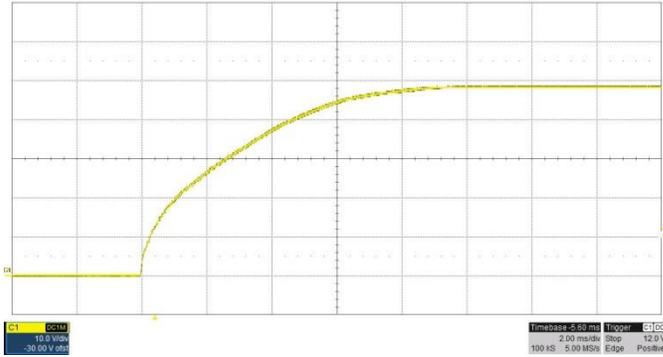
180mA to 360mA load step; 36mA/usec, 100mV/div, 1msec/div

Measured 384mV peak to peak:

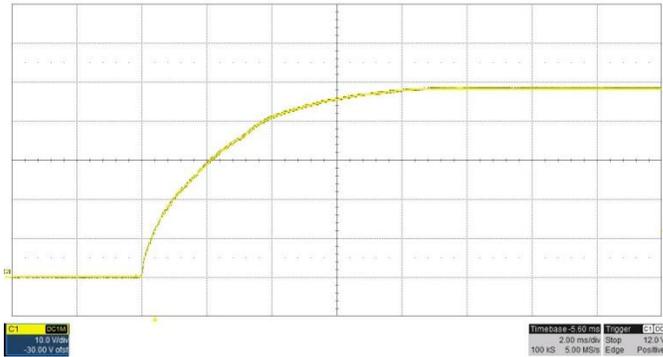


Turn On Response

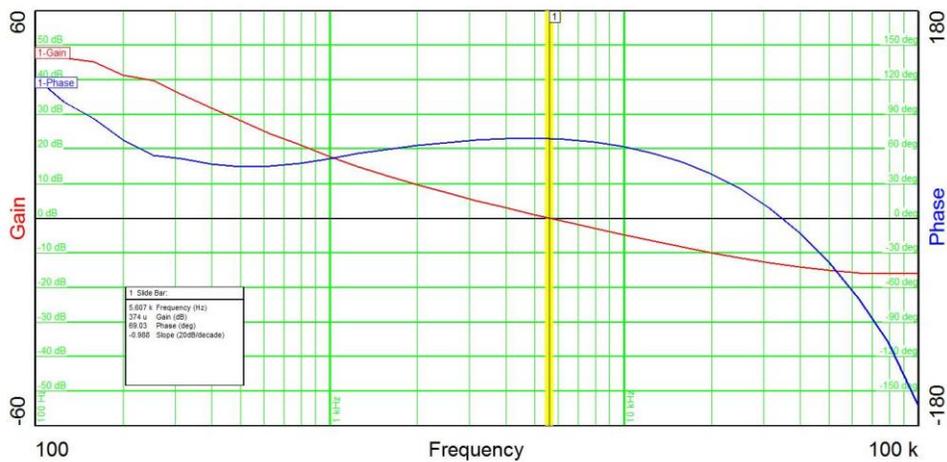
360mA load, 2msec/div:



0A load, 2msec/div:



Loop Stability



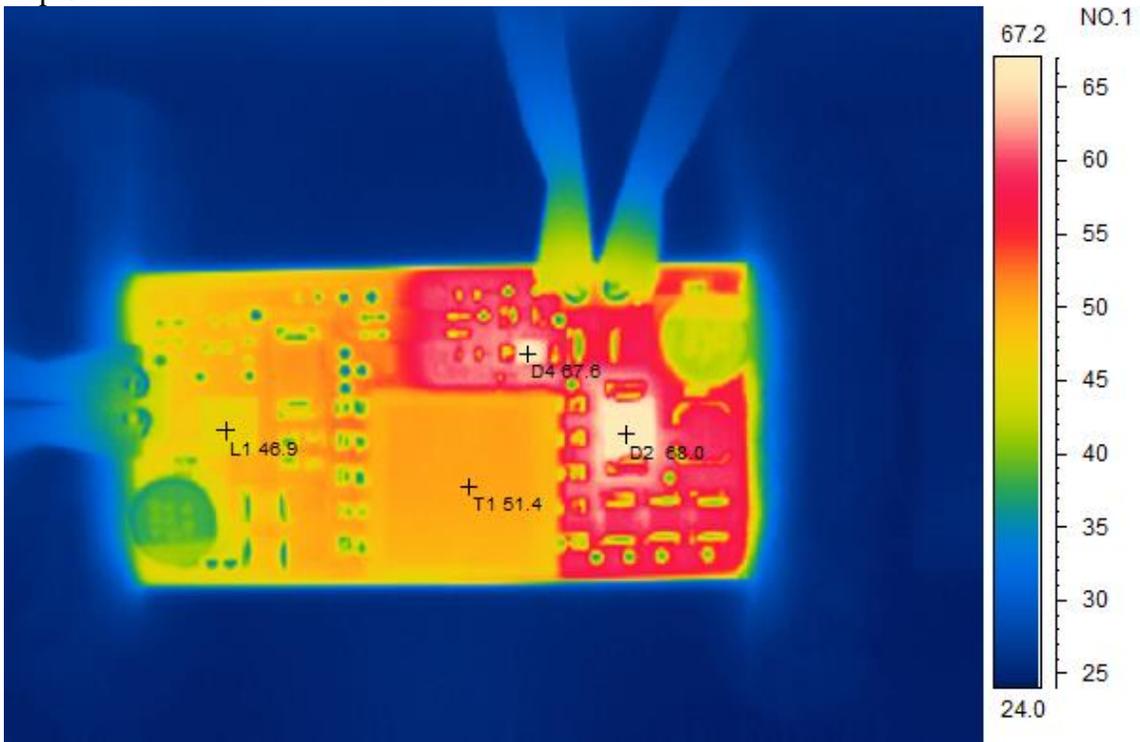
BW = 5.6KHz

PM = 69 Degrees

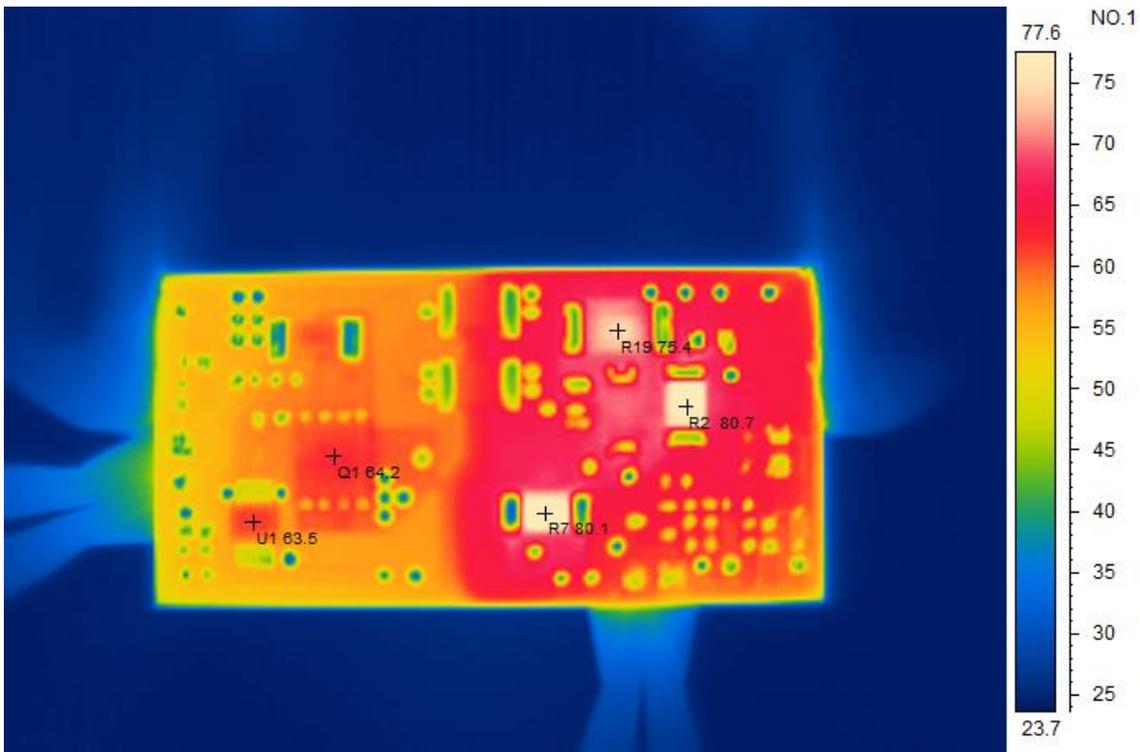
GM = 13dB

Thermal Plot

Top Side:

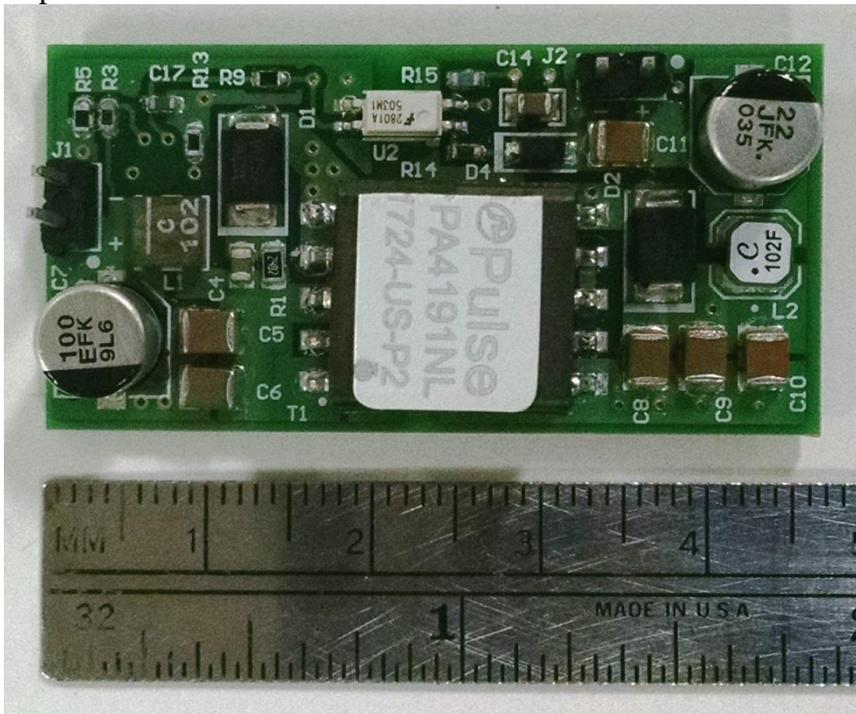


Bottom Side:

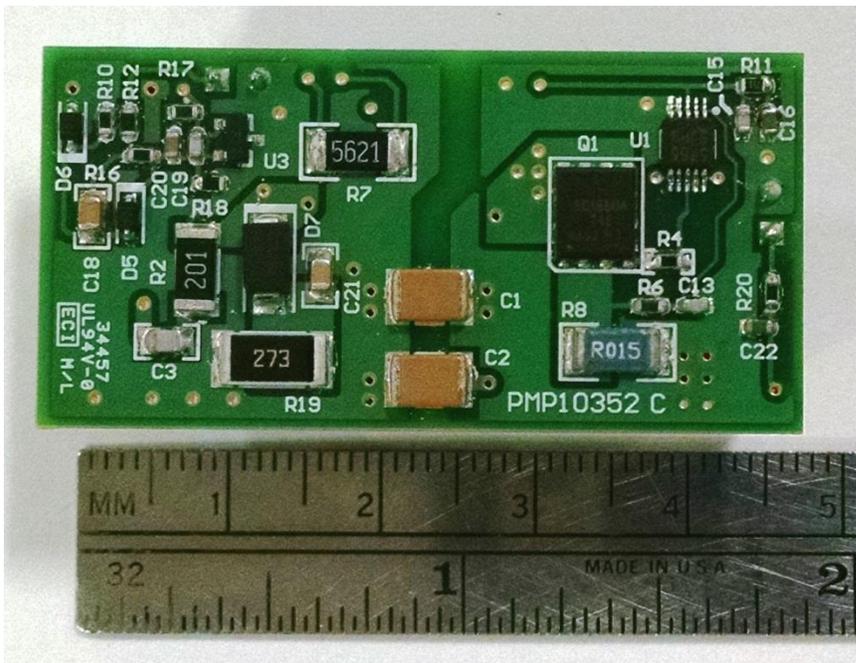


Photo

Top:



Bottom:



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