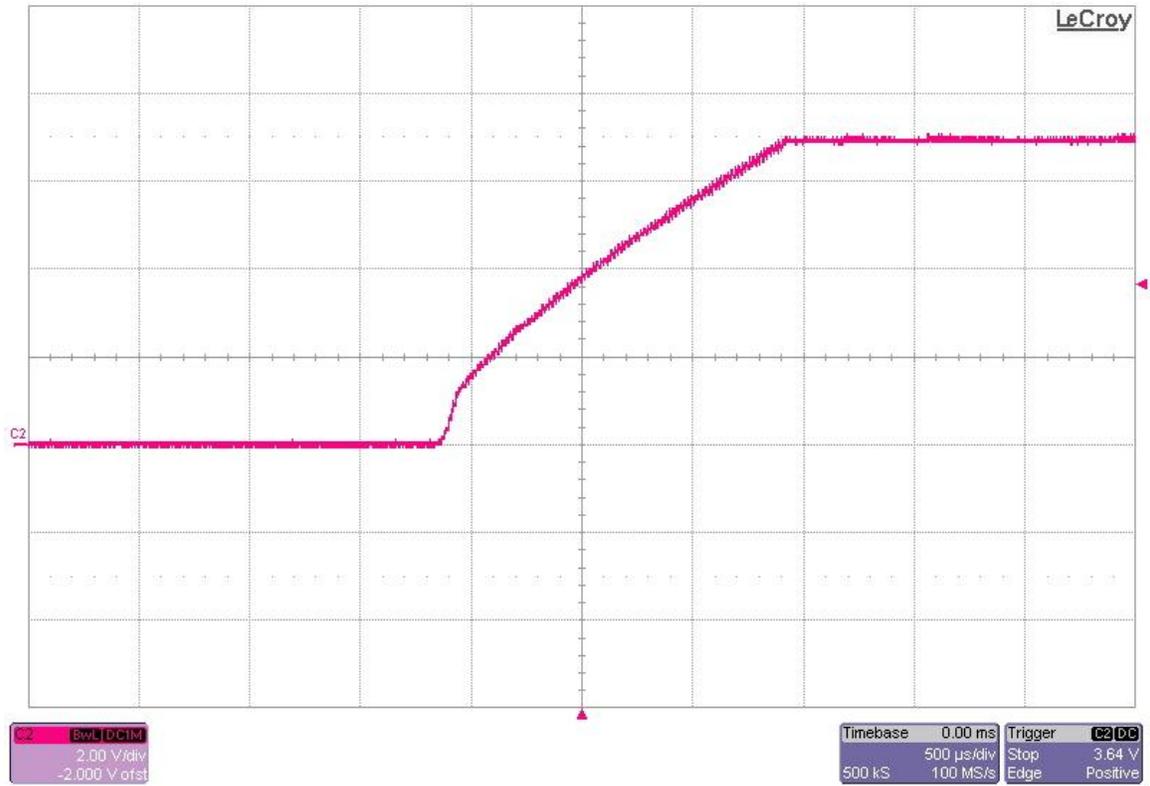


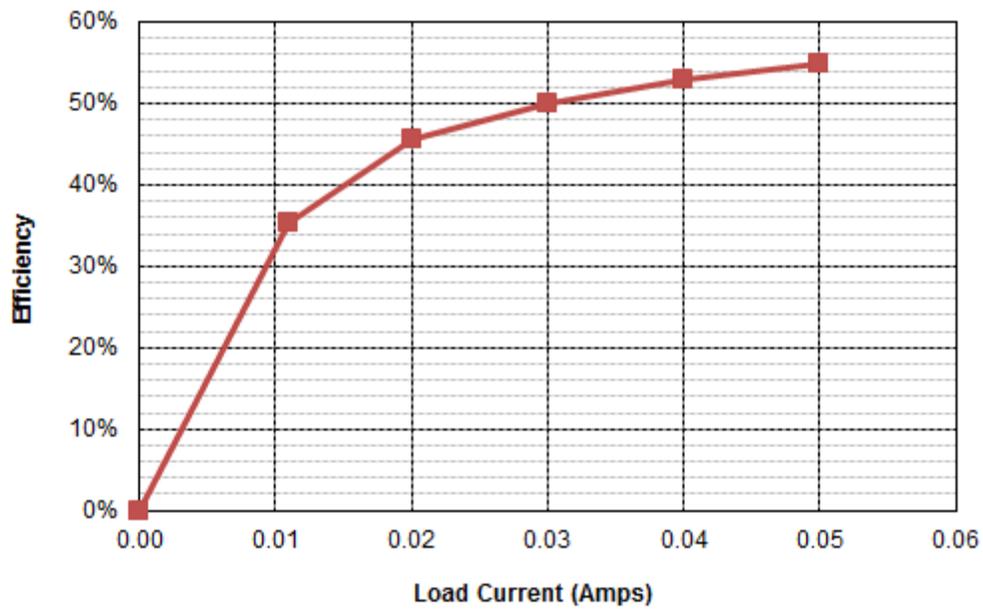
1 Startup

The photo below shows the startup in an application of $V_{in} = 253V$ and $V_{out} = 7V$ with a load of 50mA



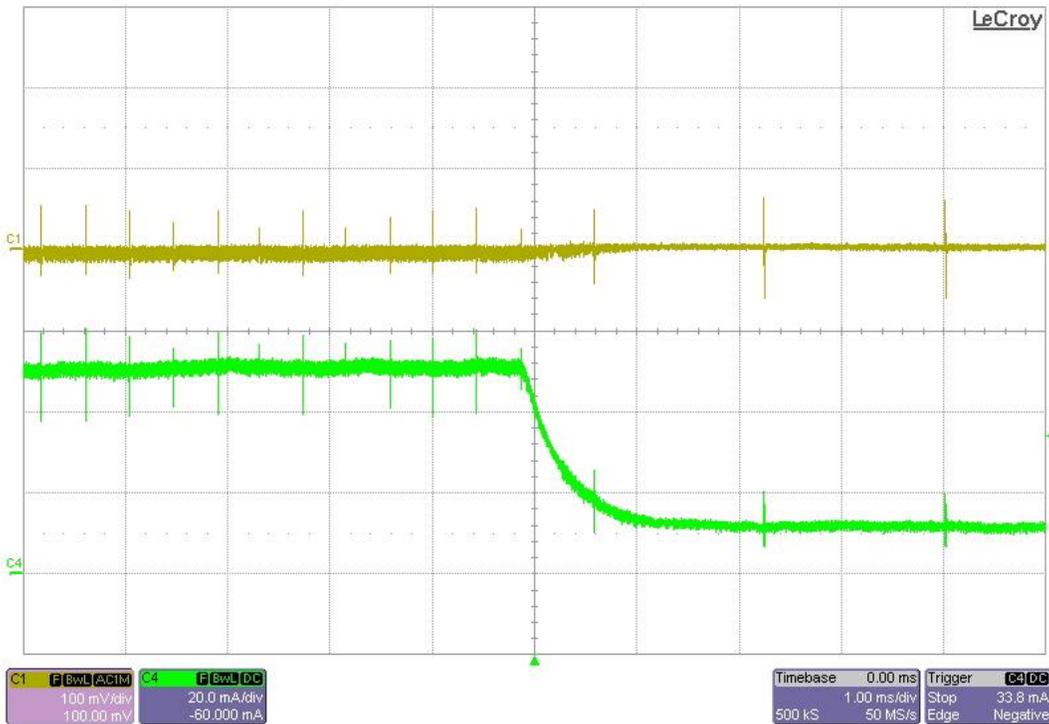
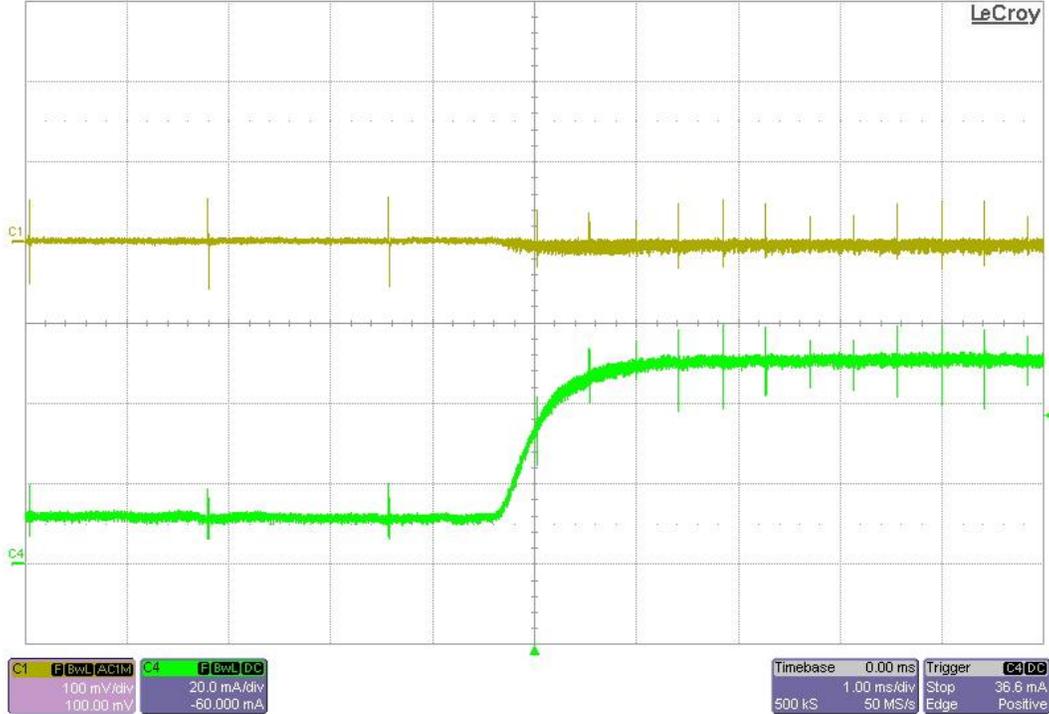
2 Efficiency

Iout	Vout	Vin	Iin	Pin	Pout	Losses	Efficiency
0.000	6.980	253.0	0.0093		0.00	2.35	0.0%
0.011	6.960	253.0	0.010	0.2170	0.08	0.14	35.3%
0.020	6.950	253.0	0.010	0.3050	0.14	0.17	45.6%
0.030	6.950	253.0	0.011	0.4170	0.21	0.21	50.0%
0.040	6.950	253.0	0.011	0.5240	0.28	0.25	53.1%
0.050	6.950	253.0	0.012	0.6340	0.35	0.29	54.8%



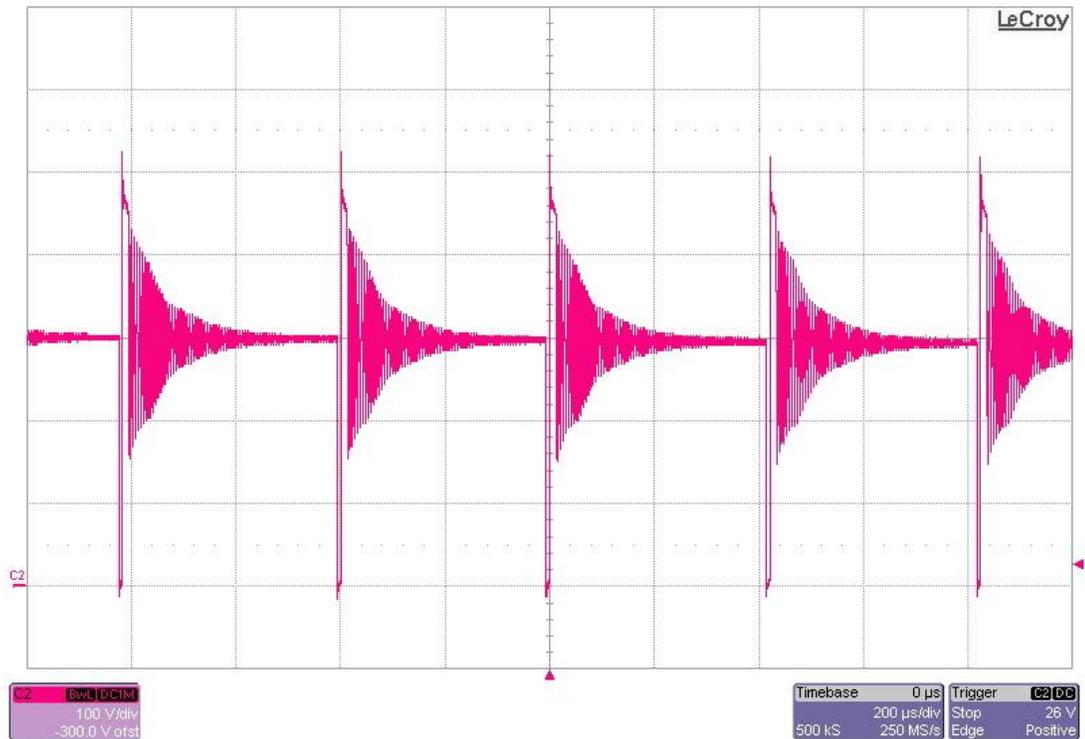
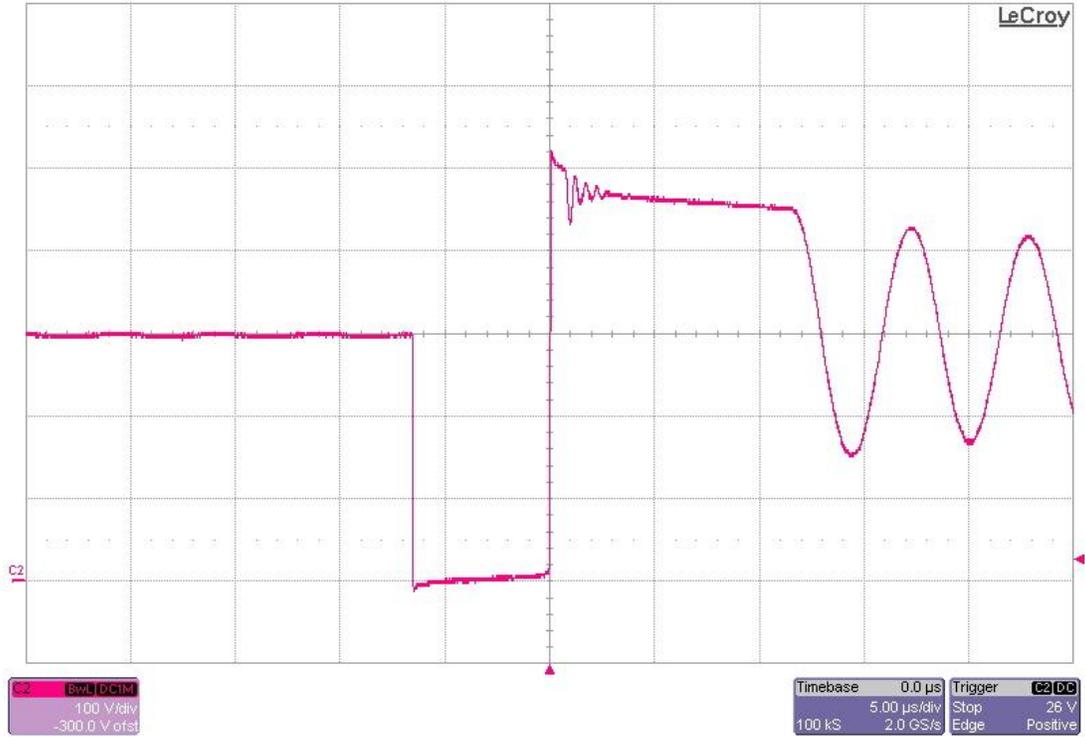
3 Load Transients

The photo below was taken with the load current being stepped between 50mA and 0 A with $V_{in} = 253V$ and $V_{out} = 7V$



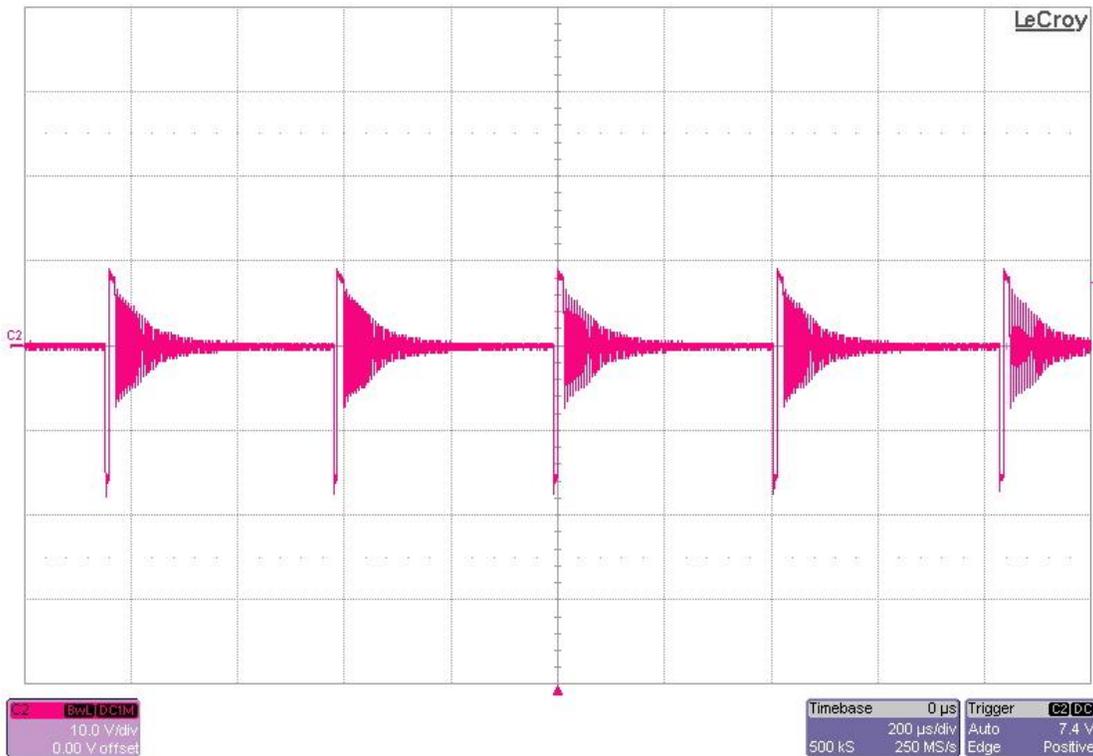
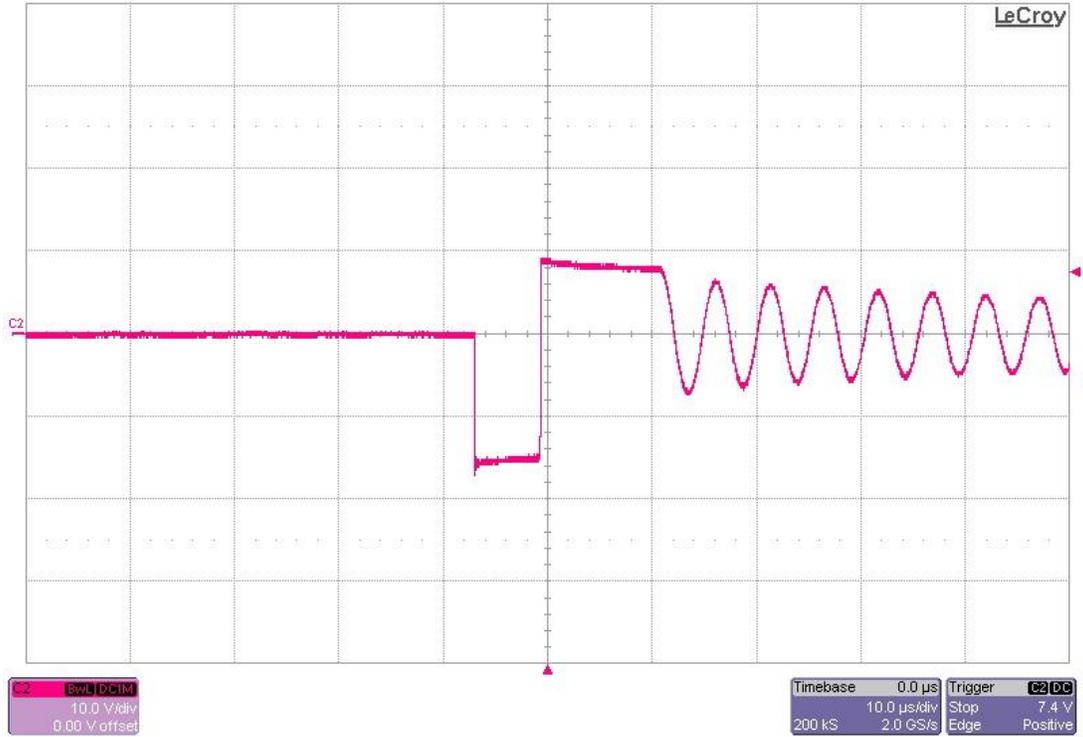
4 Switch Node Waveforms

The photo below shows the switch node. This was taken when $V_{in} = 253V$ and $V_{out} = 7V$ with a load of 50mA



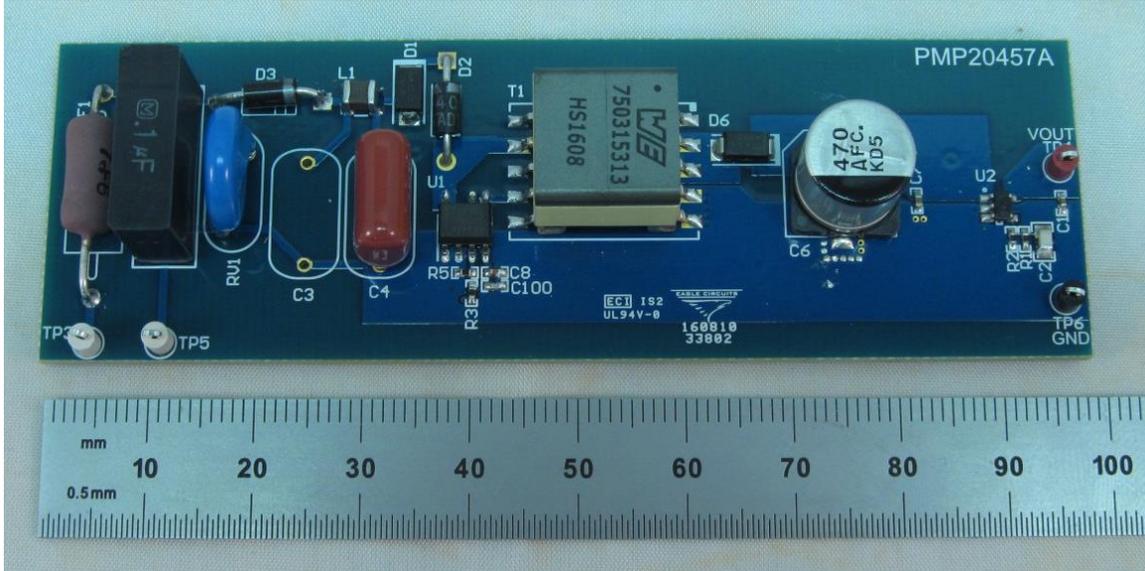
5 Secondary Rectifier Waveform

The photo below shows the secondary rectifier waveform. This was taken when $V_{in} = 253V$ and $V_{out} = 7V$ with a load of $50mA$



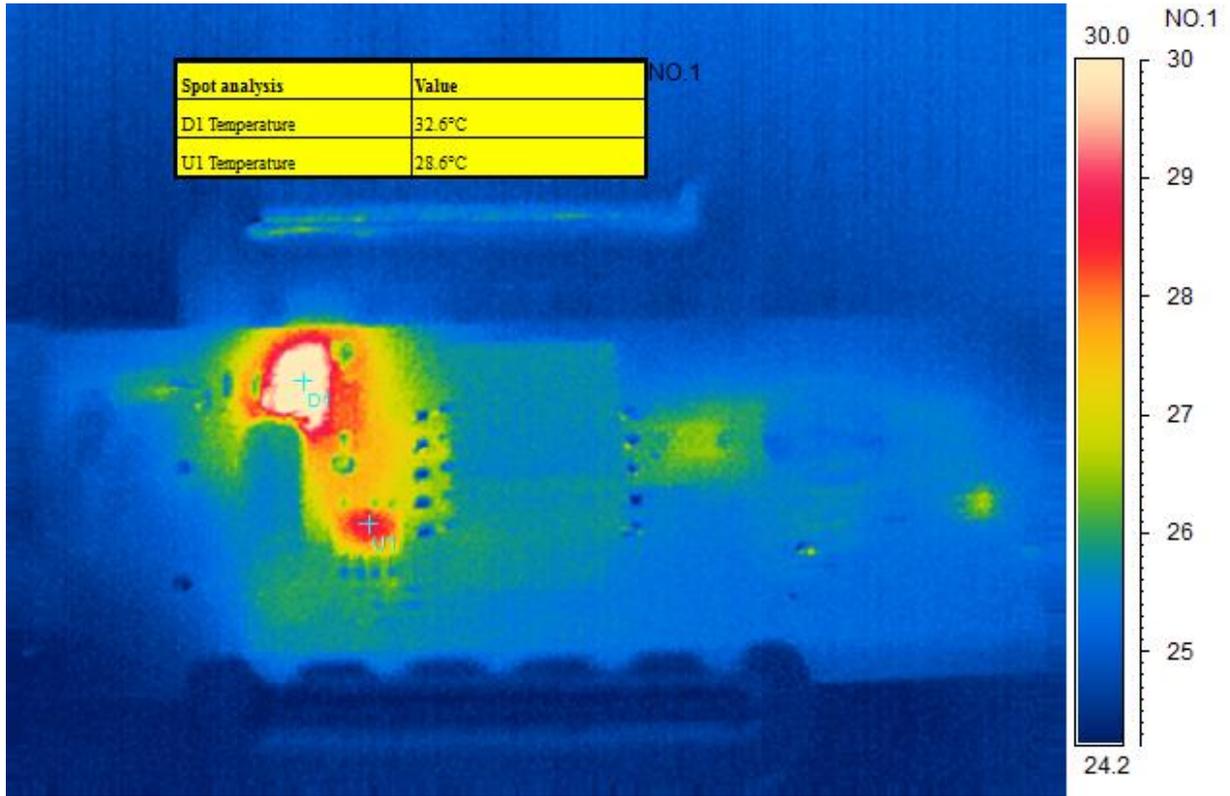
6 Photo

Photo of PMP 20457



7 Thermal Image

Below is a thermal image of PMP20457. This was taken with $V_{in} = 253V$, $V_{out} = 7V$ with a load of 50mA, and no airflow.



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