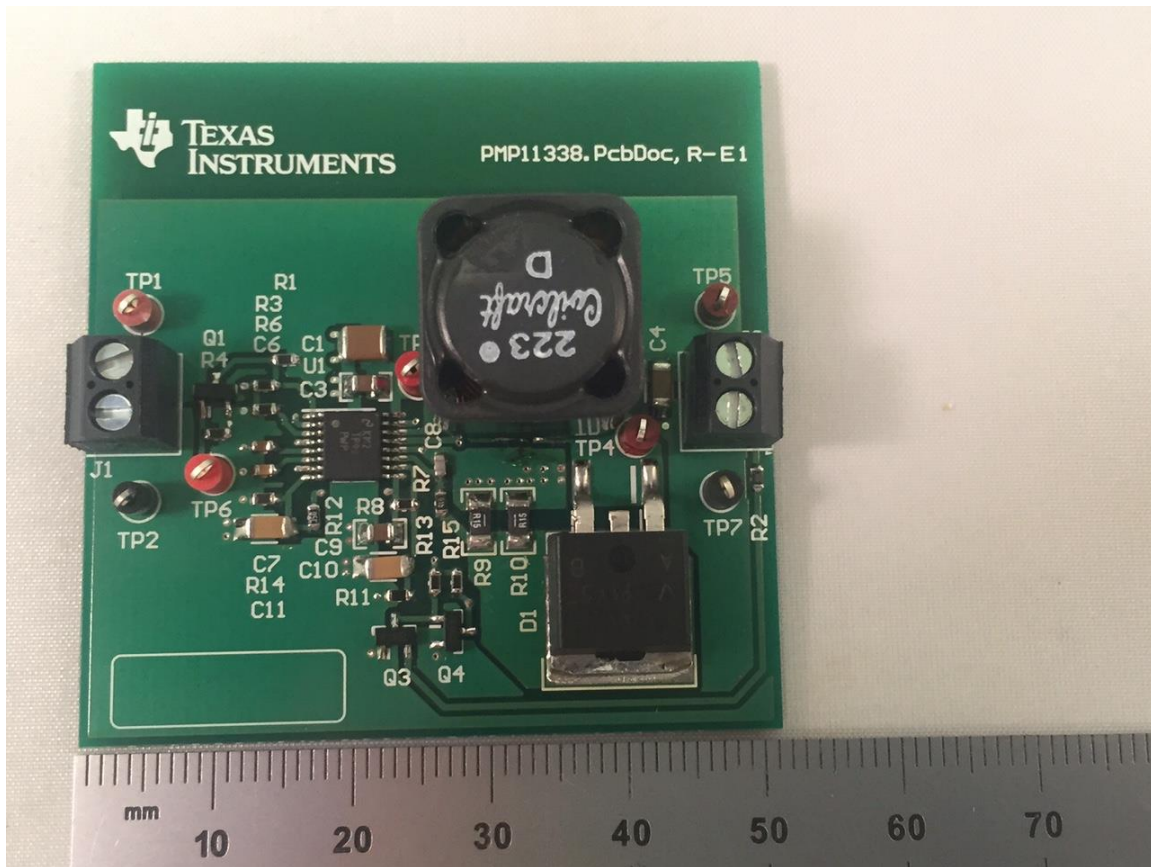


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PMP11338 Test Results

1 Photo



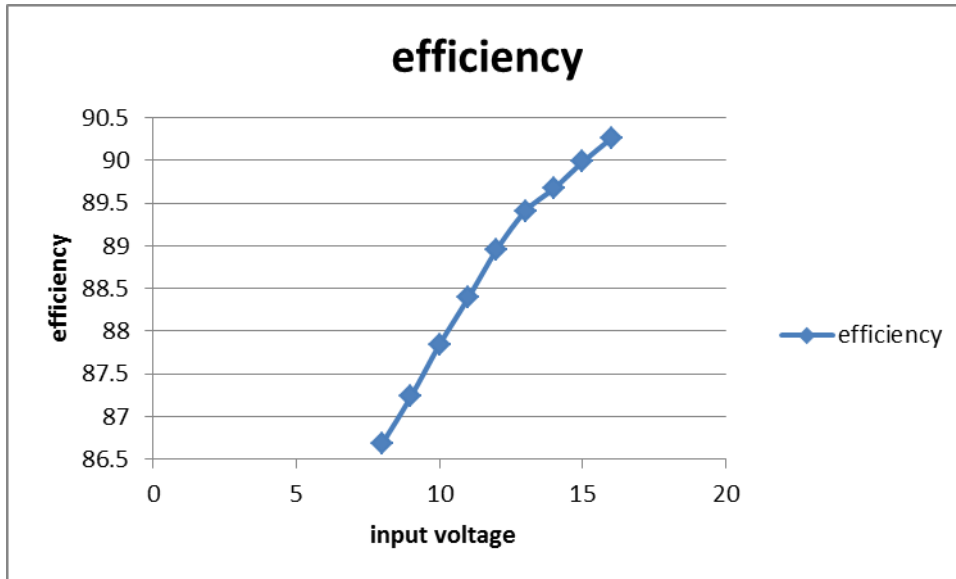
2 EFFICIENCY

Vin	efficiency	In	Vout	Iout	Pout	Pin
8	86.6863	4.172	14.86	1.947	28.93242	33.376
9	87.23529	3.672	14.83	1.944	28.82952	33.048
10	87.84673	3.274	14.81	1.942	28.76102	32.74
11	88.39085	2.953	14.8	1.94	28.712	32.483
12	88.96034	2.685	14.79	1.938	28.66302	32.22
13	89.40988	2.466	14.79	1.938	28.66302	32.058
14	89.675	2.28	14.77	1.938	28.62426	31.92
15	89.98542	2.121	14.78	1.937	28.62886	31.815
16	90.26007	1.979	14.77	1.935	28.57995	31.664

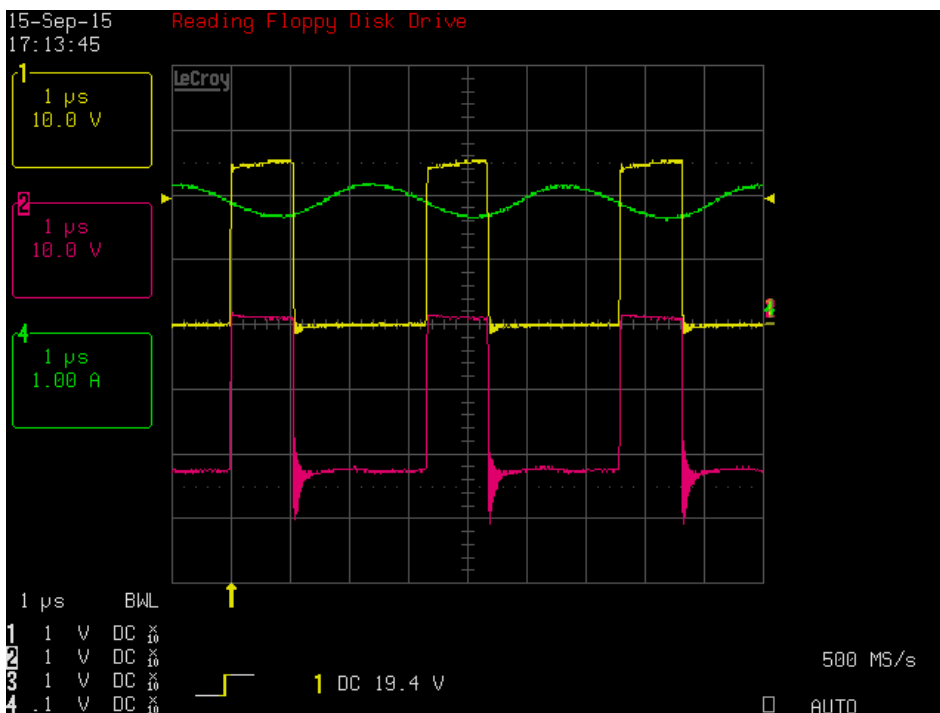
Using 5 LEDs in series as a load

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PMP11338 Test Results



3 Wave forms

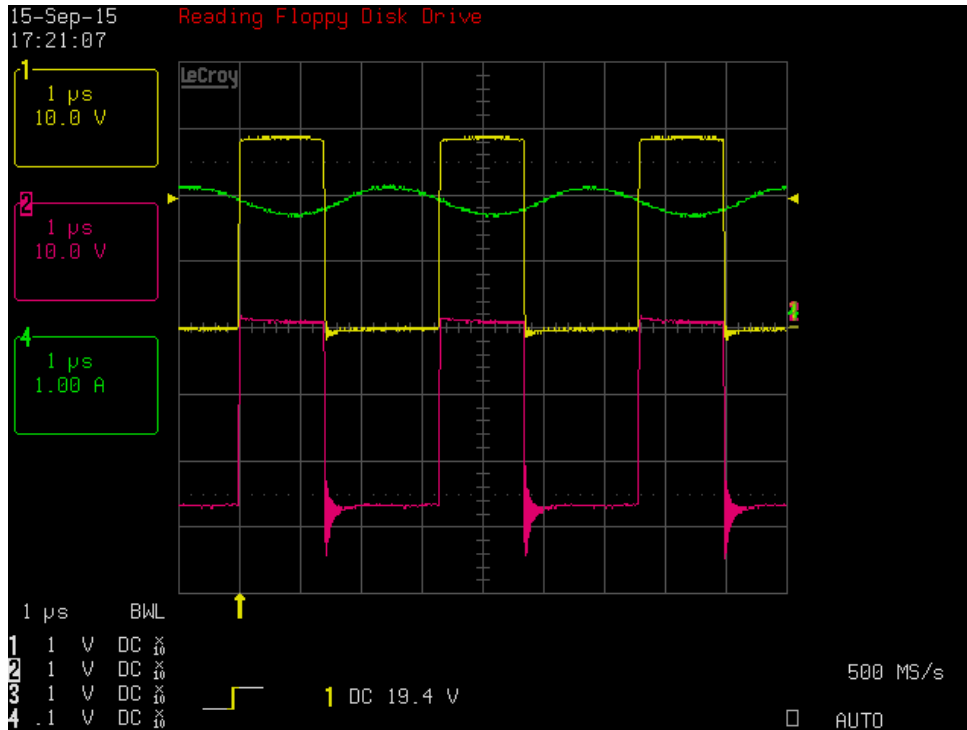


FET drain voltage and diode voltage and output current at 8 volts in

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PMP11338 Test Results

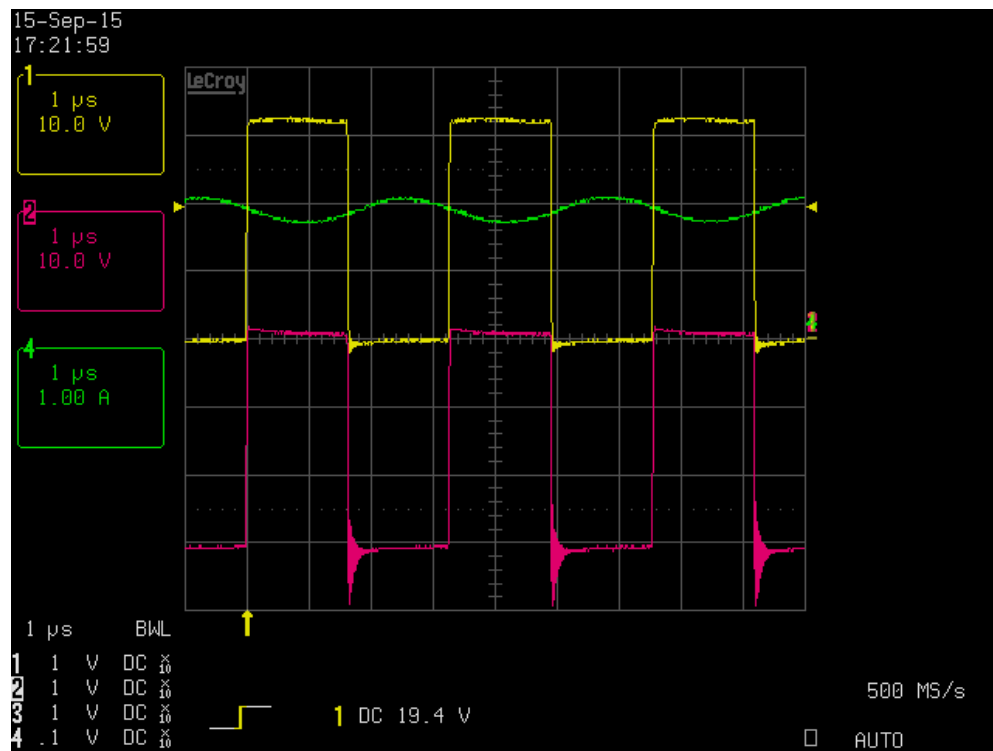
The Fet voltage is yellow, the diode voltage is magenta and the output current is green



FET drain voltage and diode voltage and output current at 12 volts in

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PMP11338 Test Results

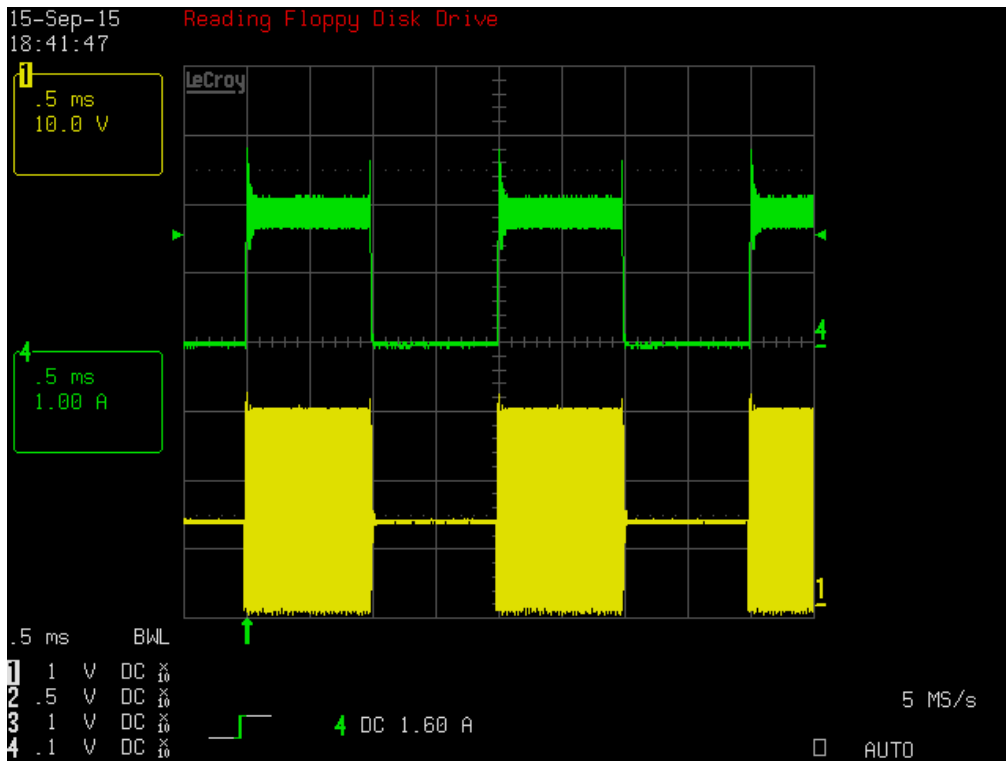


FET drain voltage and diode voltage and output current at 16 volts in

4 Dimming

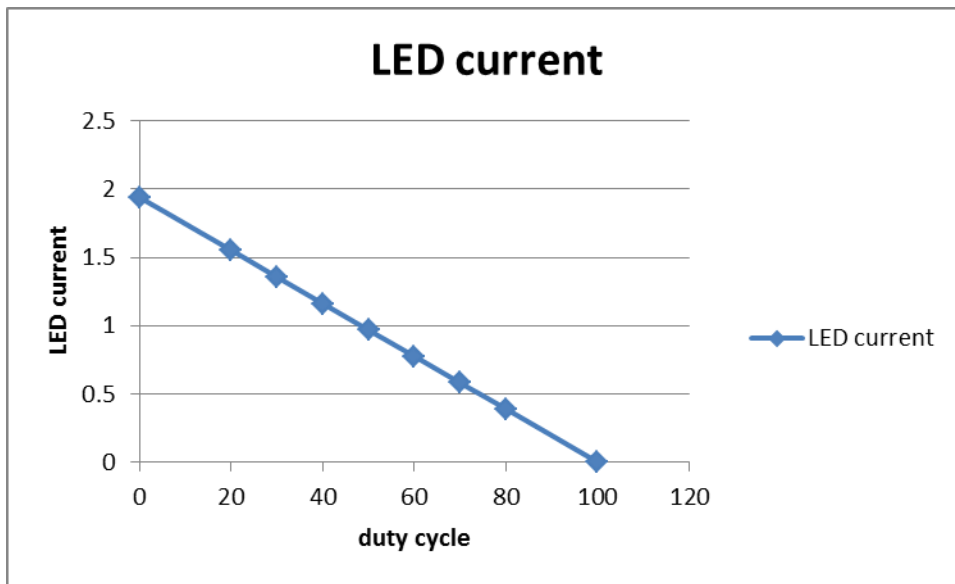
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PMP11338 Test Results



50% PWM dimming at 500 hz upper is (green) the LED current and the lower (yellow) is the FET drain. With 12 vdc input

PWM duty	LED current
0	1.939
20	1.552
30	1.355
40	1.161
50	0.967
60	0.775
70	0.58
80	0.39
100	0



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PMP11338 Test Results

5 Thermal image



Worst case temperature is 100 deg C (current sense resistors) at full power

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