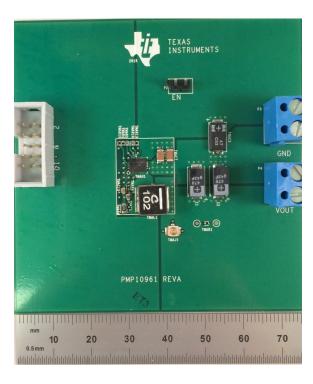
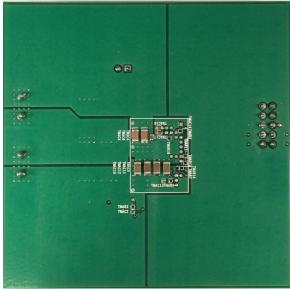


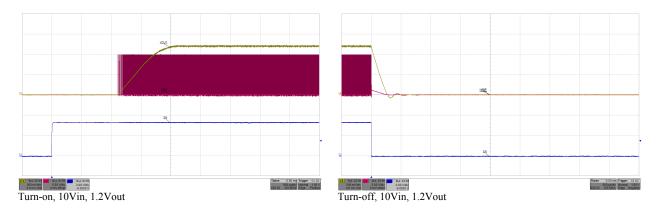
Photo of the prototype



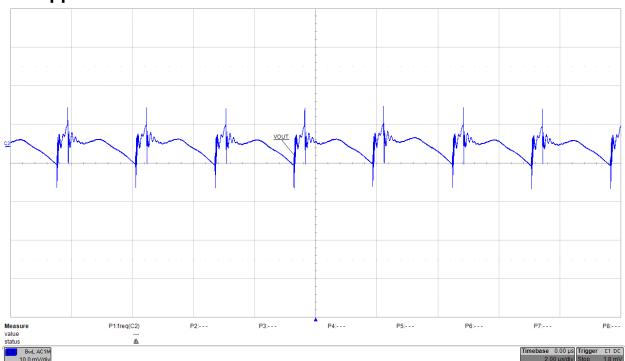




1 Startup and shutdown



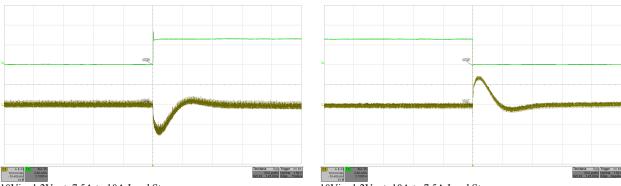
2 Ripple



10Vin, 1.2Vout, 10A Load



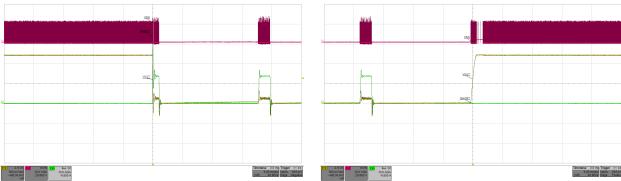
3 Transient



10Vin, 1.2Vout, 7.5A to 10A Load Step

10Vin, 1.2Vout, 10A to 7.5A Load Step

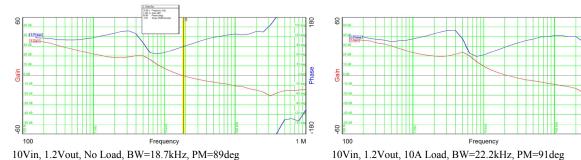
4 Short-circuit protection



10Vin, 1.2Vout, Short circuit applied

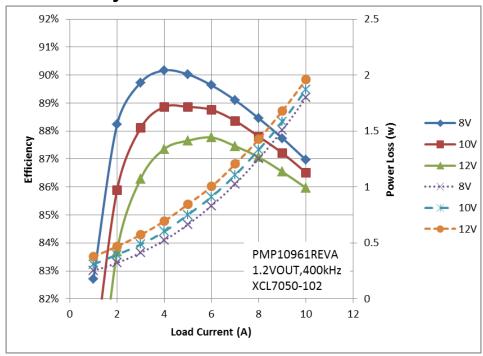
10Vin, 1.2Vout, Short circuit released

5 Bode Plot





6 Efficiency



Test conditions: 1.2Vout, 400kHz, XCL7050-102.

7 Thermal



Test conditions: 10Vin, 1.2V/10A, 400kHz, natural convection, room temperature, T_{IND} =47.8C, T_{FET} =51.3C

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