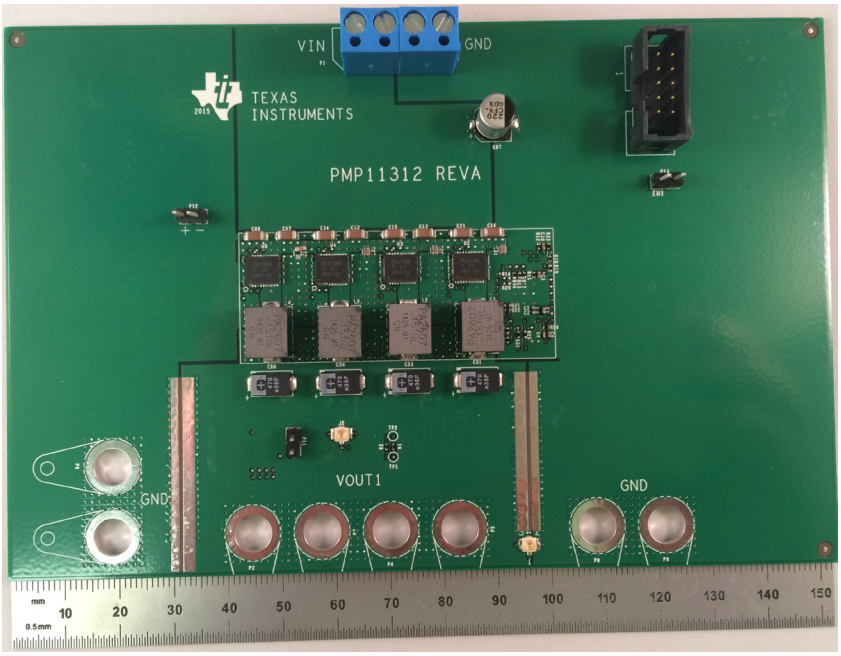
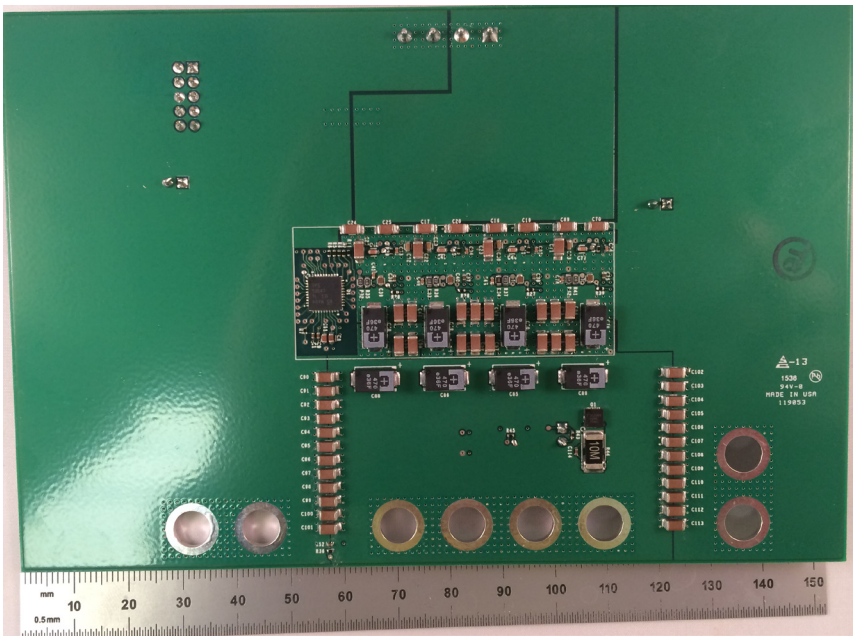
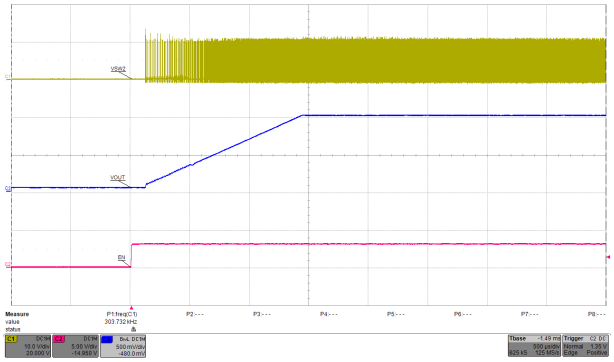
Photo of the prototype

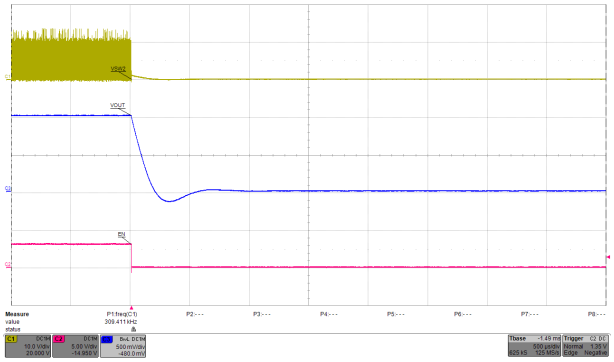




1 Startup and shutdown

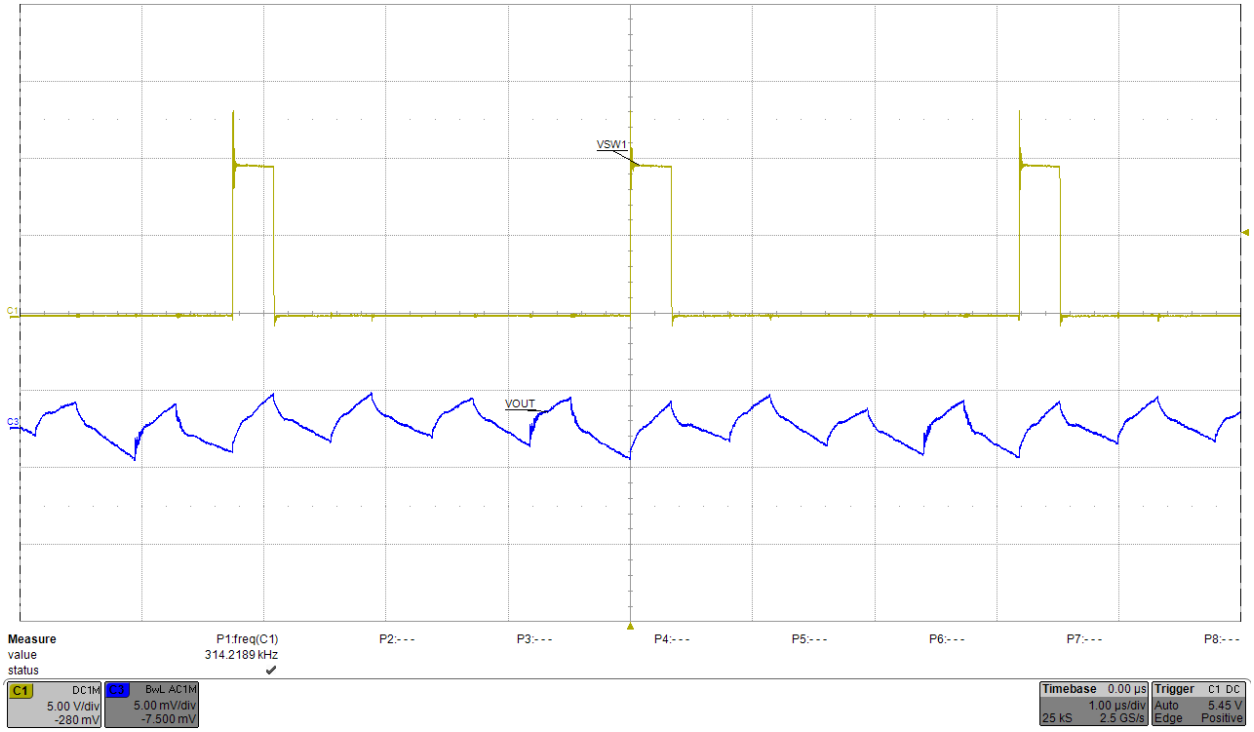


Turn-on, 10Vin, 1.0Vout



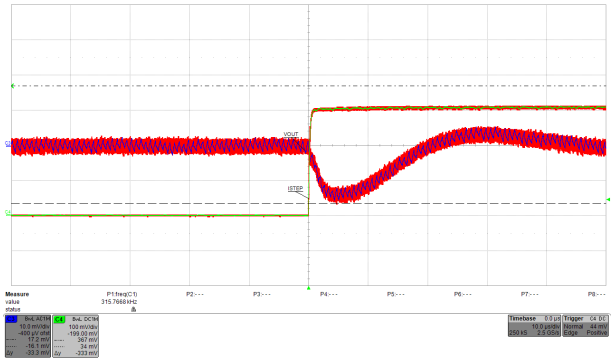
Turn-off, 10Vin, 1.0Vout

2 Ripple

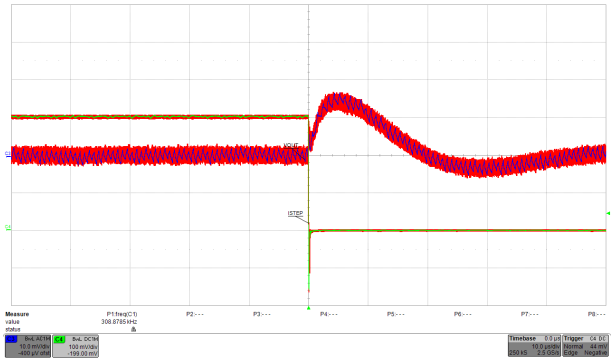


10Vin, 1.0Vout1, 60A Load, 300kHz, 5mVpp

3 Transient

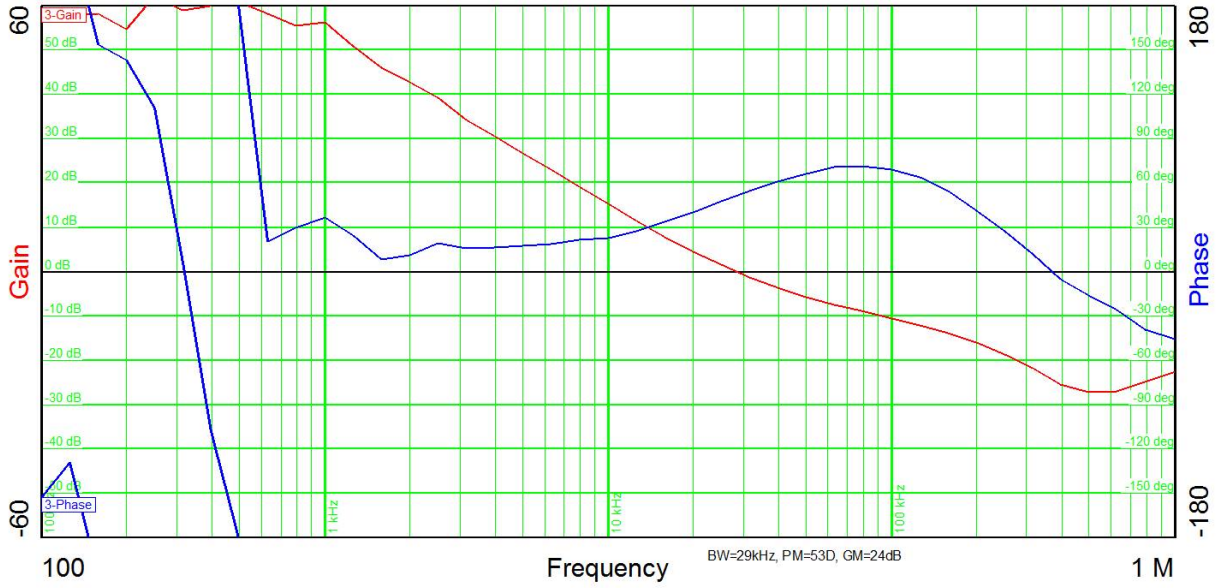


10Vin, 1V/90A->120A->90A



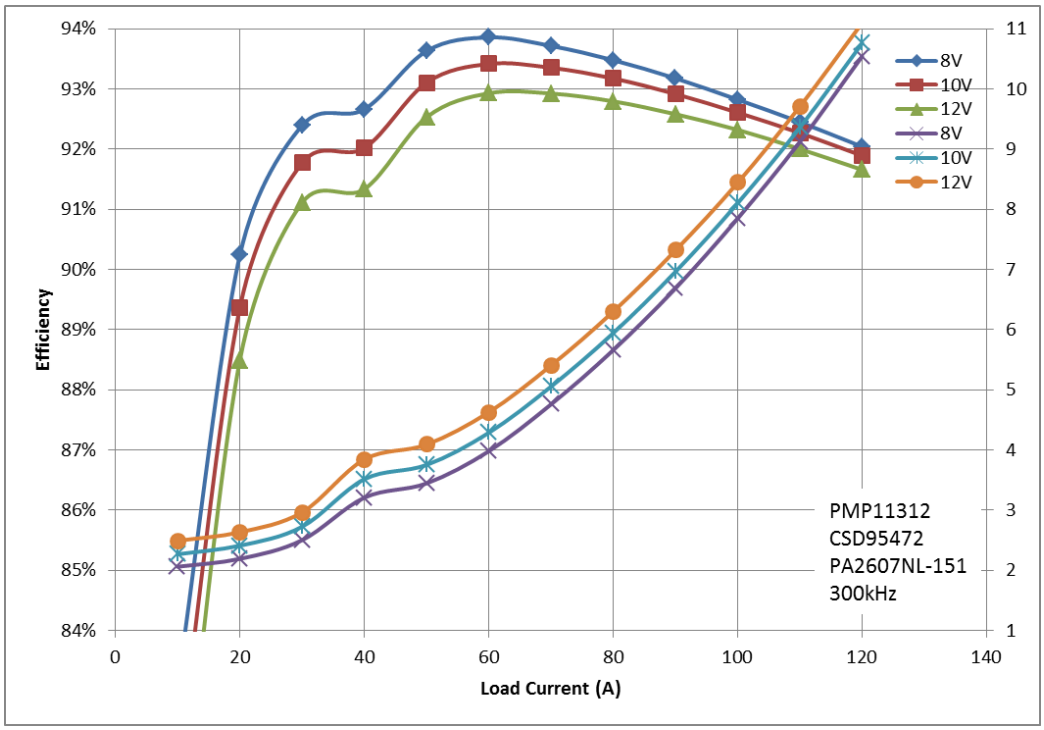
10Vin, 1V/120A->90A

4 Bode Plot

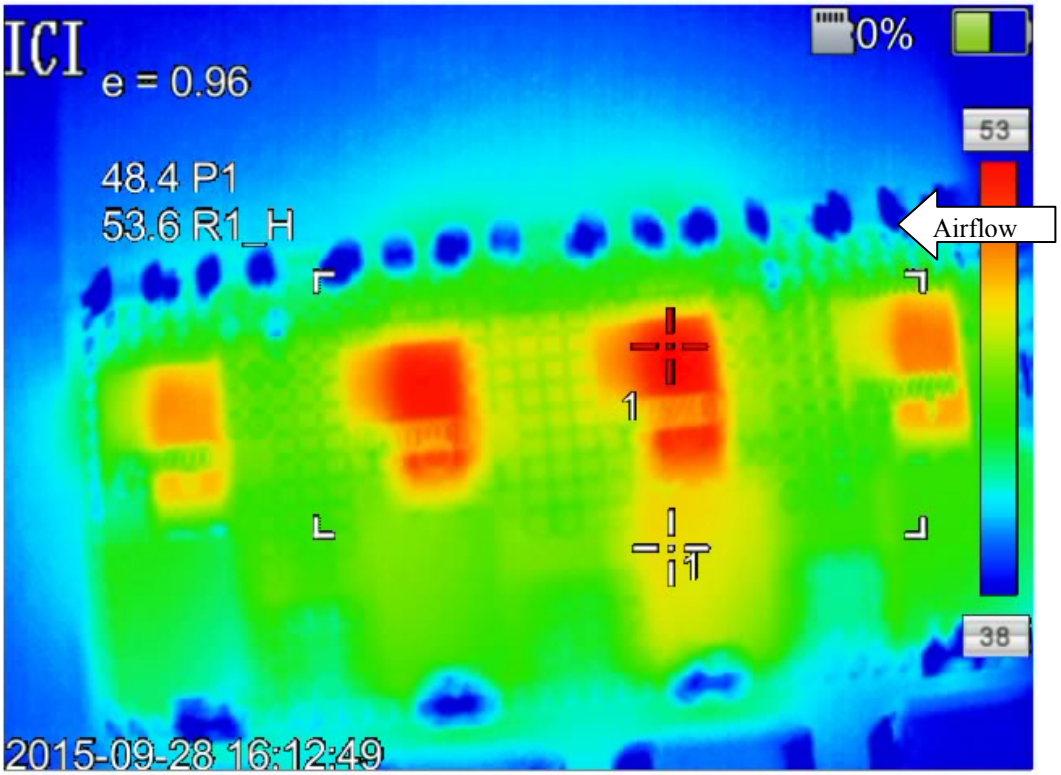


10Vin, 1V/90A, BW=29kHz, PM=53, GM=24dB.

5 Efficiency



6 Thermal



PMP11312 was tested at 10Vin, 1V/120A, 300kHz, 200LFM, Room Temperature.

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