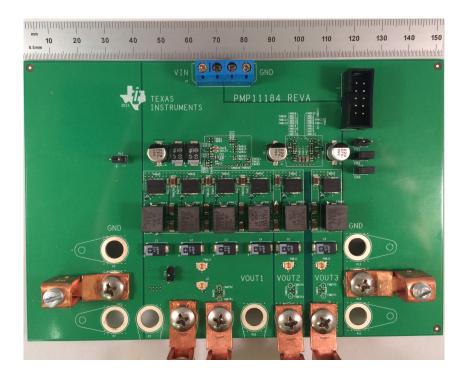
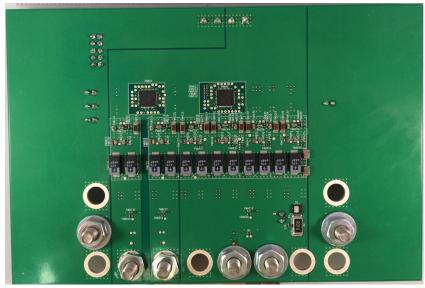


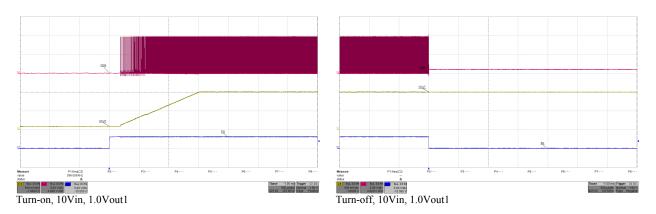
Photo of the prototype



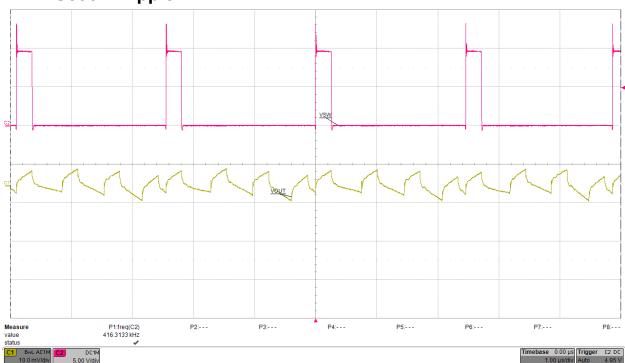




1 TPS53647 startup and shutdown



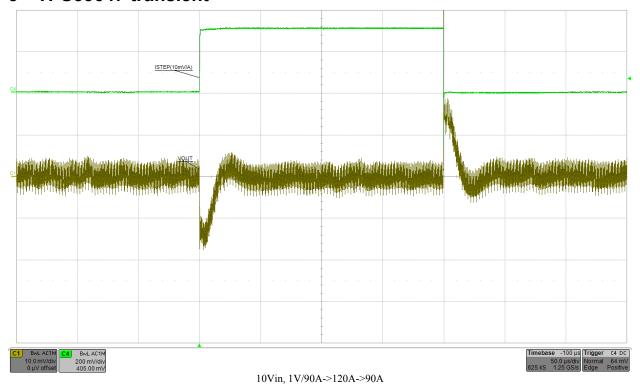
2 TPS53647 ripple



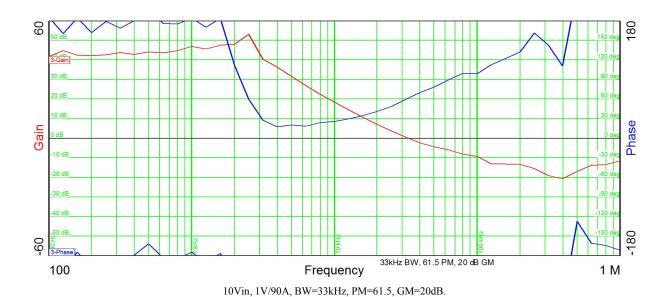
10Vin, 1.0Vout1, 60A Load, 400kHz, 8mVpp



3 TPS53647 transient

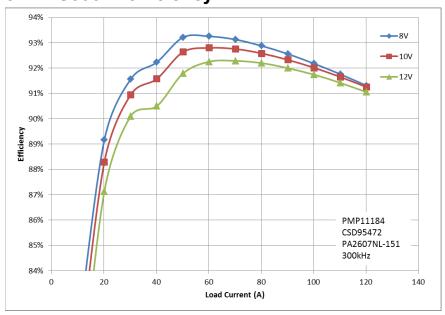


4 TPS53647 Bode plot

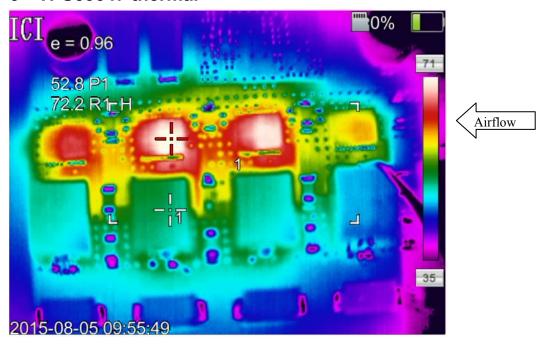




5 TPS53647 efficiency



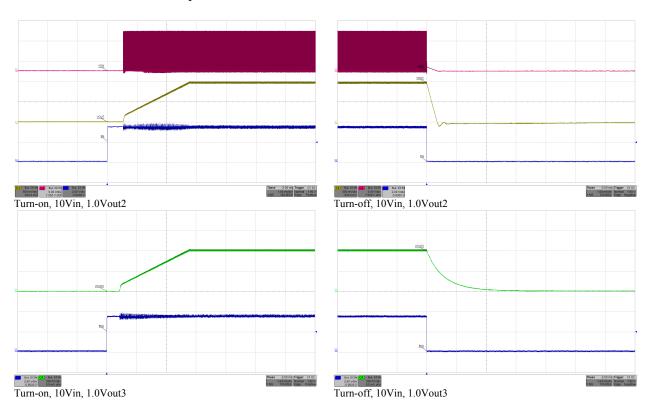
6 TPS53647 thermal



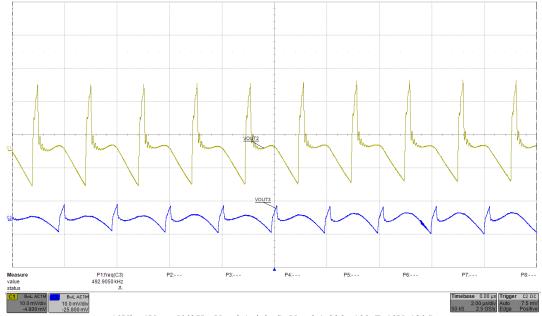
PMP11184 was tested at 10Vin, 1V/120A, 300kHz, 200LFM, Room Temperature.



7 TPS40428 startup and shutdown



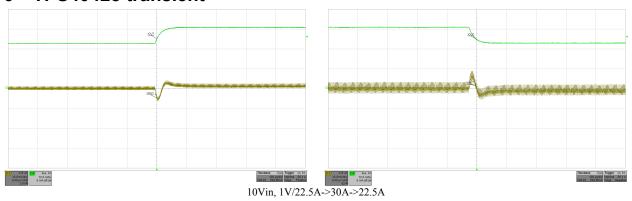
8 TPS40428 ripple



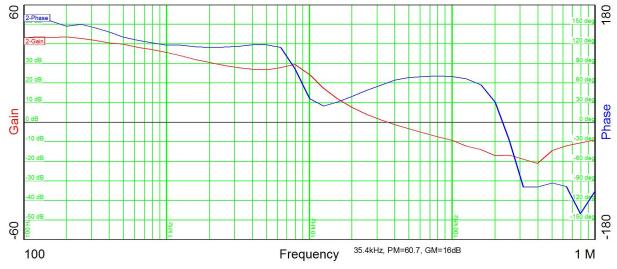
10Vin, 1Vout, 500kHz, Vout2 (original), Vout3 (add 2x 100uF, 10V, 1206)



9 TPS40428 transient



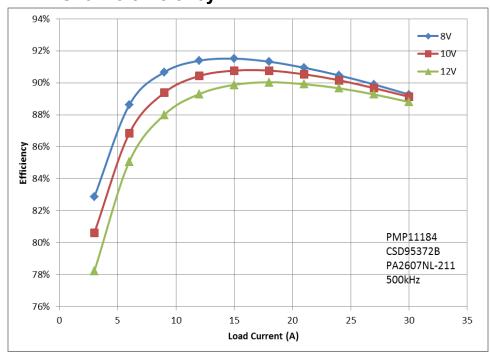
10 TPS40428 Bode plot



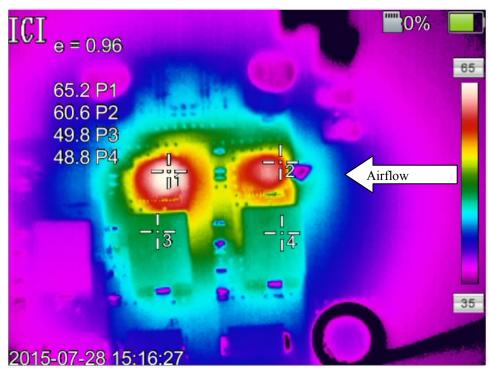
10Vin, 1V/30A, BW=35.4kHz, PM=60.7, GM=16dB.



11 TPS40428 efficiency



12 TPS40428 thermal



Test Conditions: 10VIN-1V30A-1V30A-500KHZ-250LFM

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