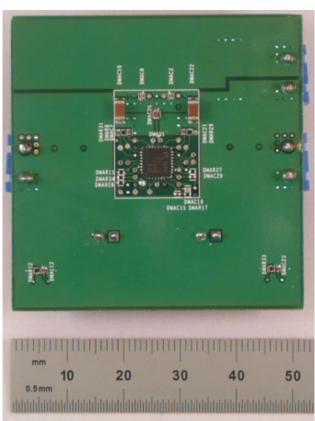


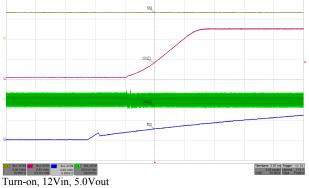


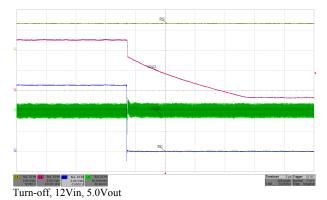
Photo of the prototype





Startup and shutdown 1

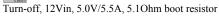




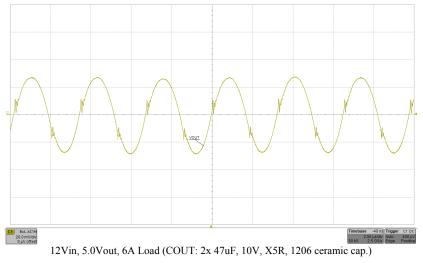
Switching Node Waveform 2



					 <u>vsw</u>				
 	 	 	-	 					

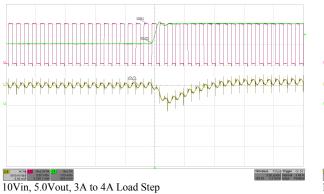


Output Ripple 3

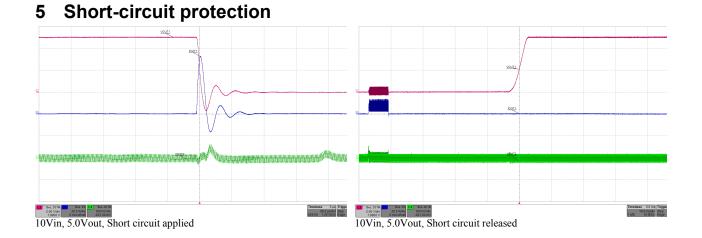




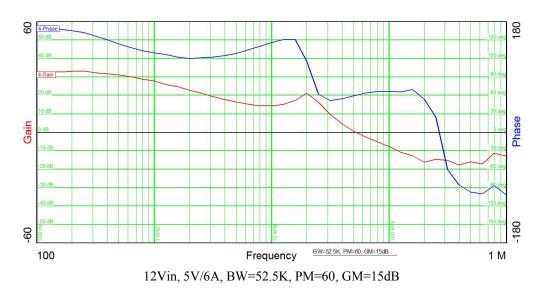
4 Transient



10Vin, 5.0Vout, 4A to 3A Load Step

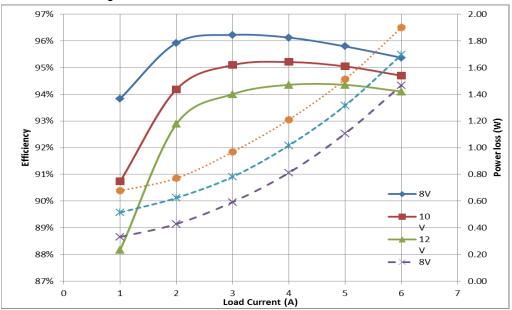


6 Bode Plot

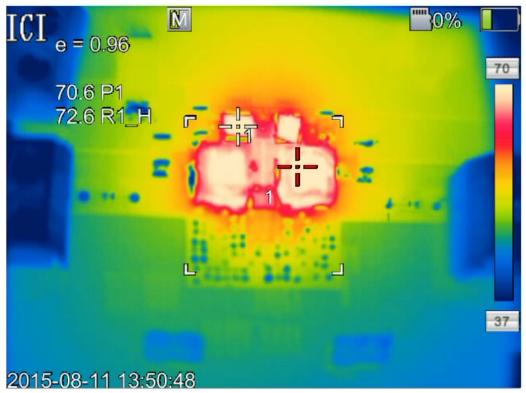




7 Efficiency



8 Thermal



Test conditions: 10Vin, Vout1=5V/5.5A, Vout2=5V/5.5A, 300kHz, XAL5030-222, Natural Convection, 25C ambient temperature.(T_{FET} =70.6C, T_{IND} =72.6C)

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