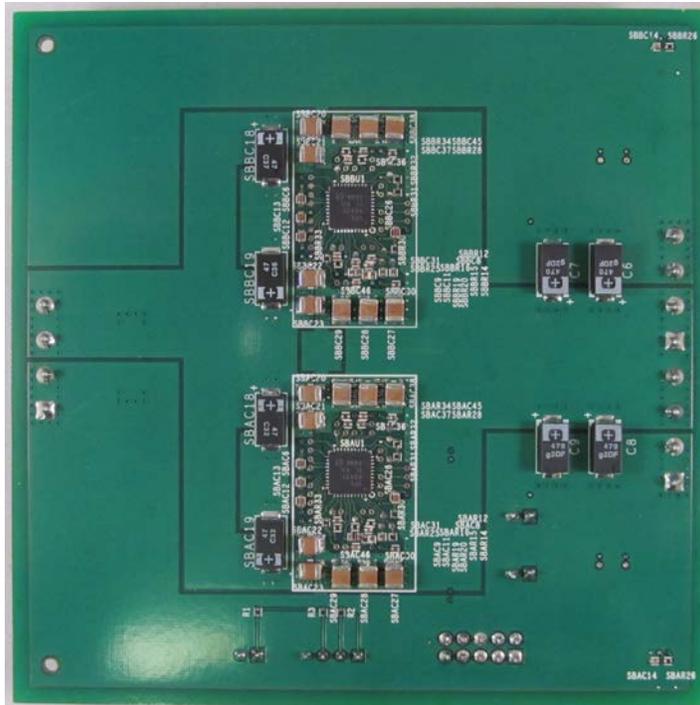
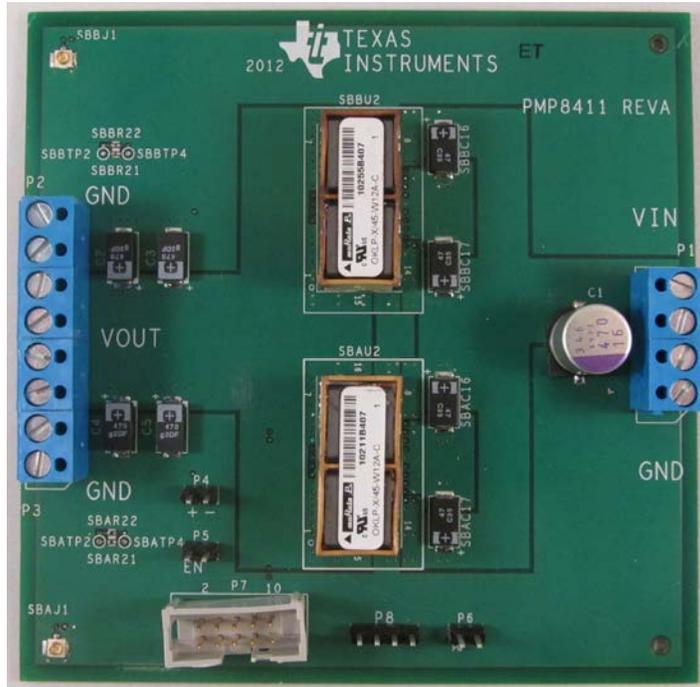
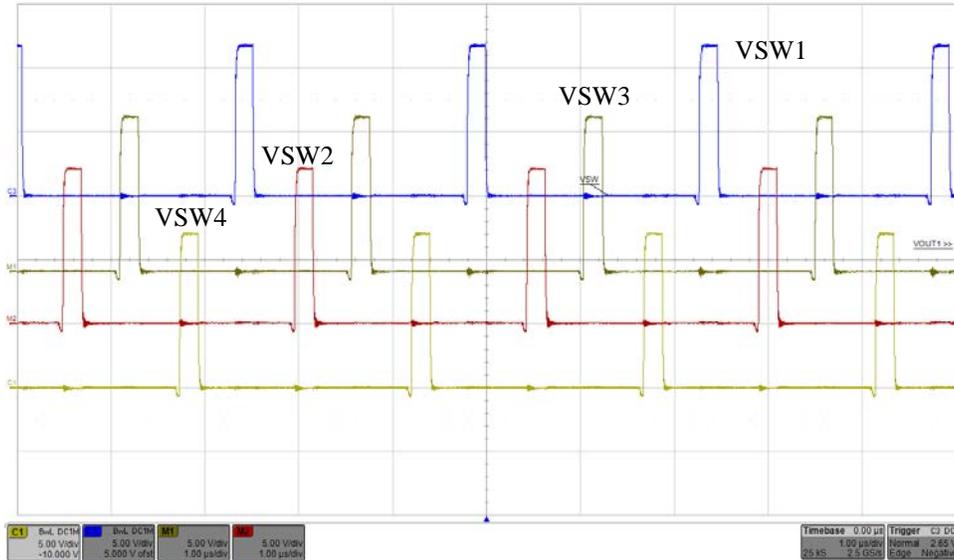


### Photo of the prototype

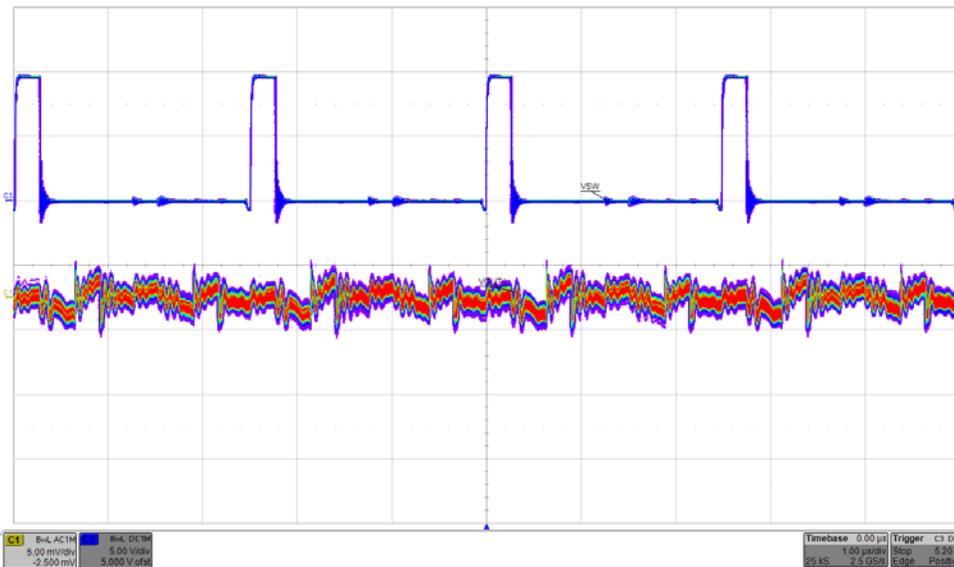


### 1 Switching waveform



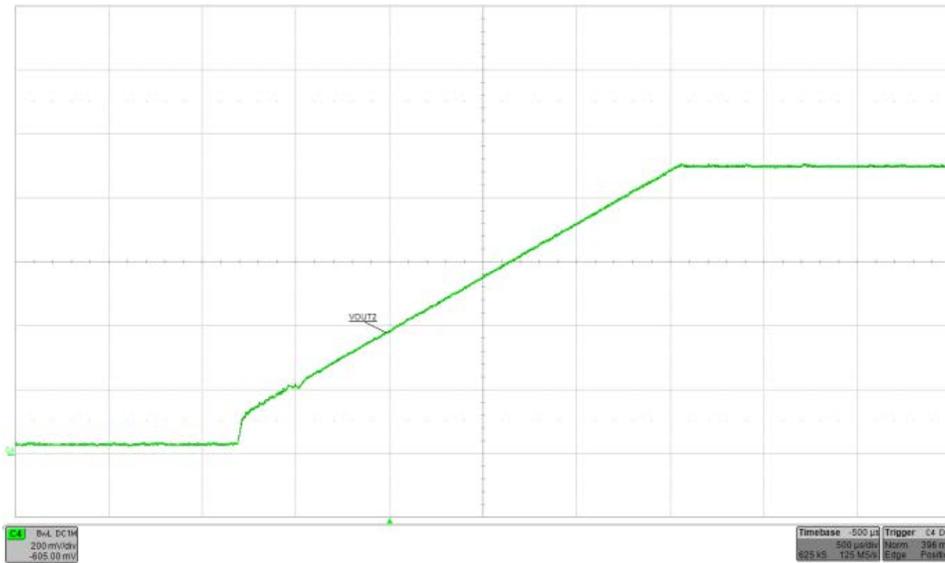
12Vin, 0.9V/0A

### 2 Ripple

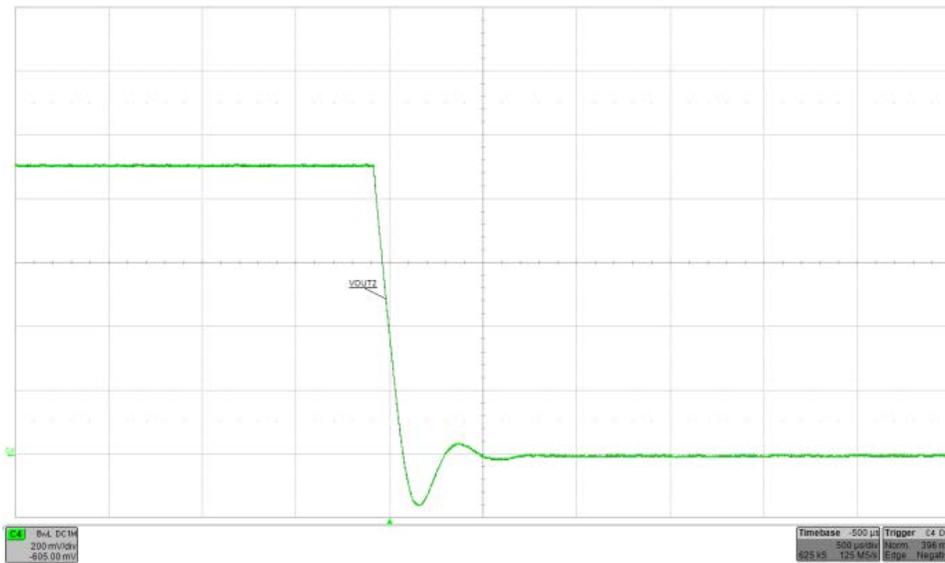


10Vin, 0.9V/81A, Vripple=5mV

### 3 Startup and Shutdown

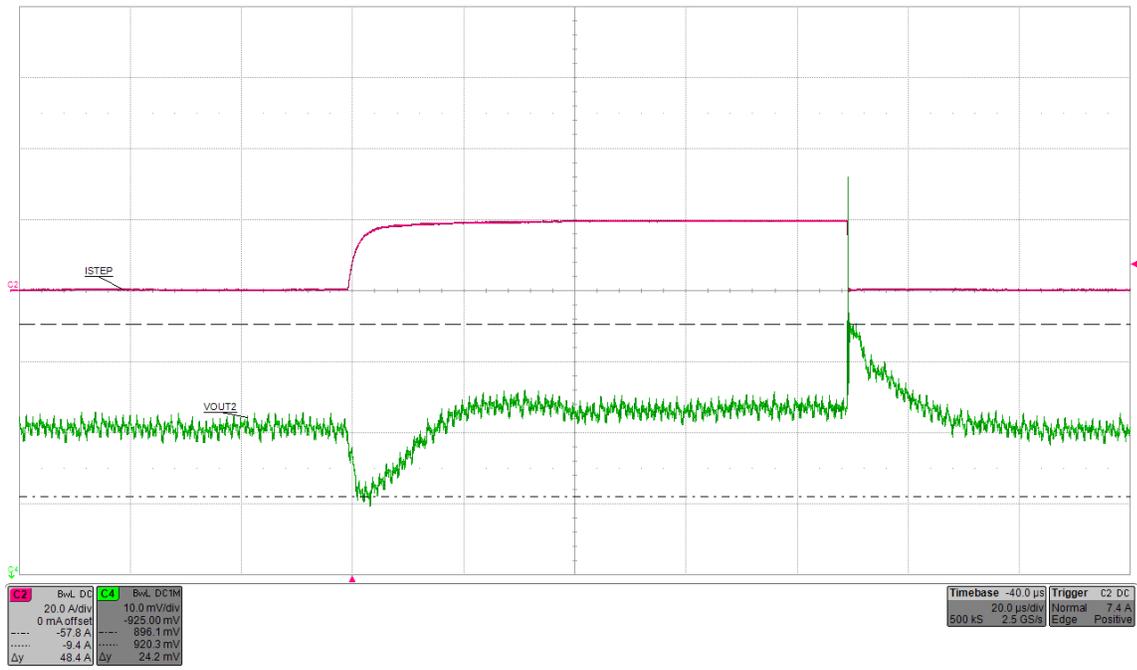


12Vin, 0.9V/28A startup

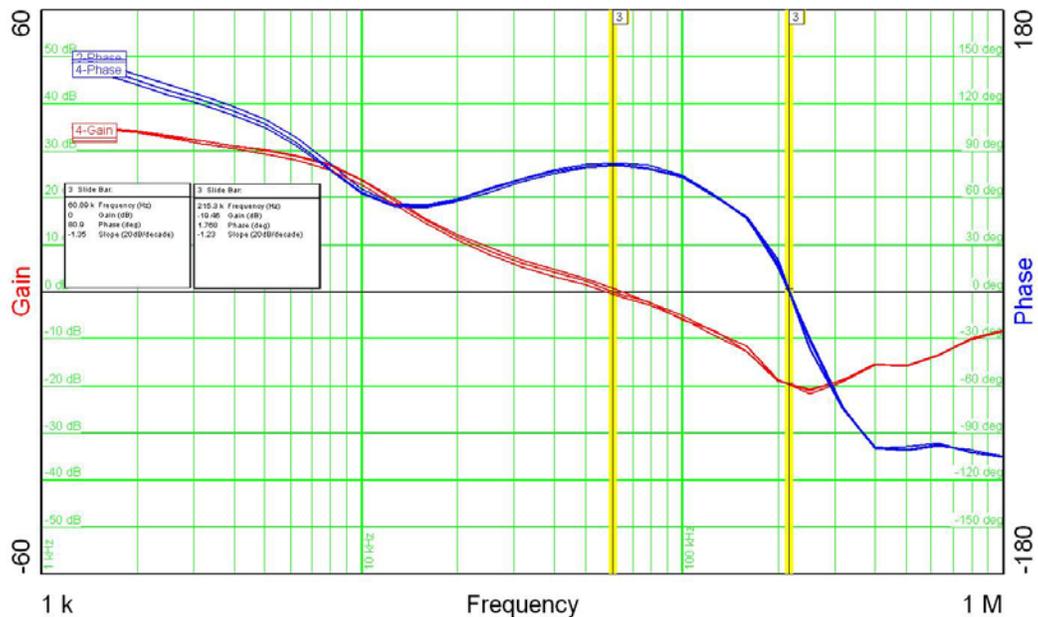


12Vin, 0.9V/28A shutdown

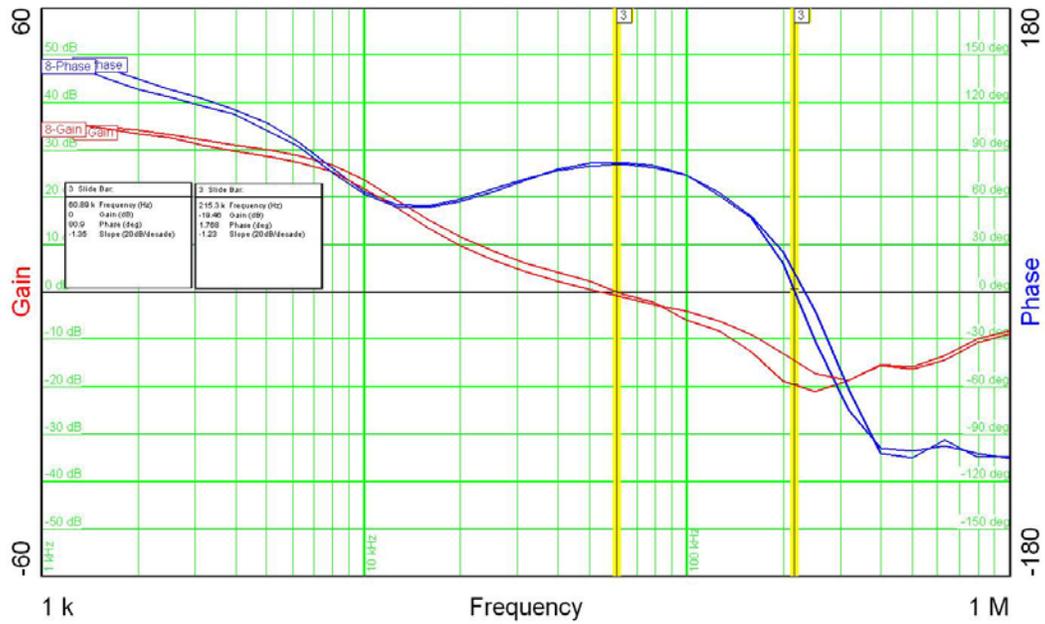
### 4 Transient



### 5 Bode Plot

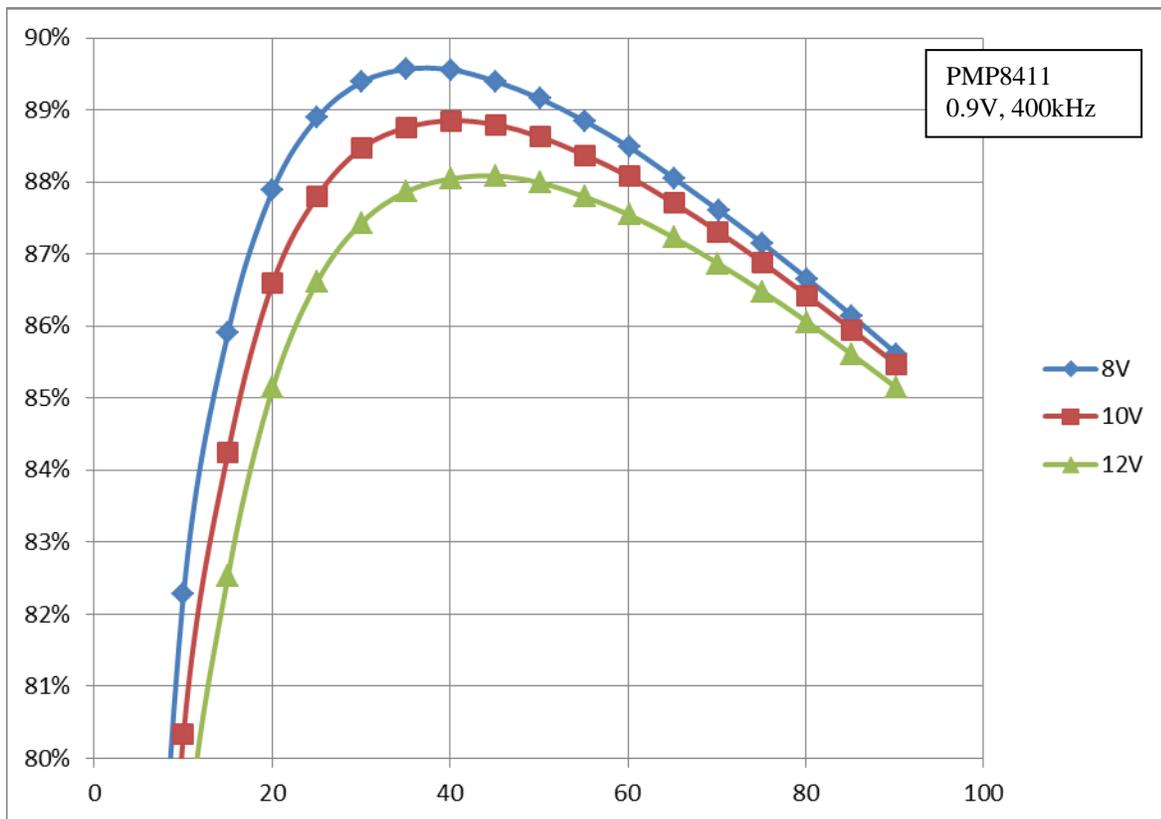


8V, 10V, 12VIN, 0.9V/45A, BW=60.9K, PM=80.9, GM=19.5dB

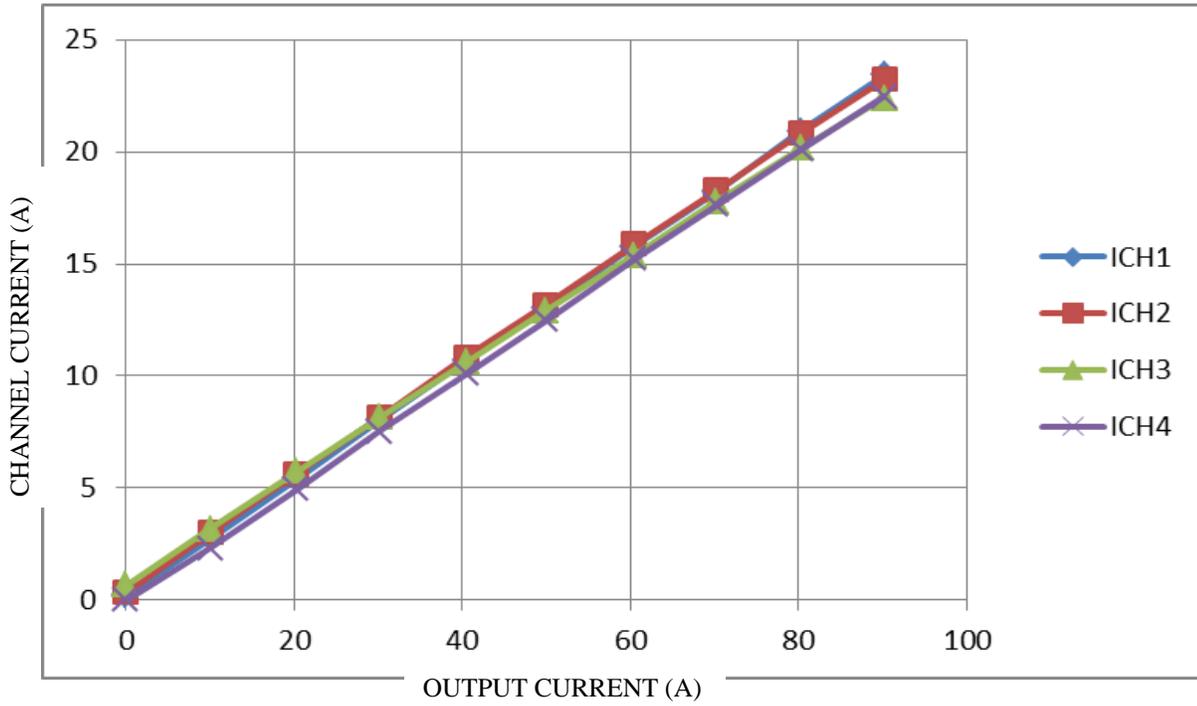


10VIN, 0.9V45A and 0.9V90A, BW=60.9K, PM=80.9, GM=19.5dB

## 6 Efficiency



### 7 Current Sharing



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