

## **LTC3412 DC456 Quick Start Guide**

Demonstration circuit 456 is easy to set up to evaluate the performance of the LTC3412. Please follow the procedure outlined below for proper operation.

1. Select the desired output voltage using jumpers JP1 thru JP4. The fixed output voltages are 1.8V, 2.5V, and 3.3V (as shown). There is also an option to set the output voltage to a custom value by inserting a resistor into the R6 pads next to jumper JP4. Refer to figure 1 for the proper circuit setup.
2. Connect the input power supply to the Vin and GND terminals on the top right-side of the board. Do not hot-plug Vin or increase Vin over the rated maximum supply voltage of 5.5V, or the part may be damaged. Refer to figure 1 for the proper measurement equipment setup.
3. Connect the load between the Vout and GND terminals on the bottom right-side of the board.
4. Select the desired operating mode using J1. To select Force Continuous mode, tie the SYNC/Mode pin to Vin by inserting the jumper into the lower position. Inserting the jumper into the upper position selects Burst Mode™ operation.
5. To shut down the circuit, connect the Run pin to GND by inserting a jumper into the upper position of J2.