

2.6 Equipment Setup

1. Set the power supply #1 (PS#1) for 21-V ± 500 -mVdc, 2.5-A ± 0.1 -A current limit, and then turn off supply.
2. Connect the output of PS#1 in series with a current meter (multimeter) to J1 (VIN, PGND).
3. Connect a voltage meter across J1 (VIN, PGND).
4. Connect Load#1 in series with a current meter to J2 (VOUT, PGND). Turn off Load#1.
5. Connect Load#2 in series with a current meter to J2 (VSY, PGND). Turn off Load#2.
6. Connect a voltage meter across J2 (VOUT, PGND).
7. Connect a voltage meter across J2 (VSY, PGND).
8. Check all jumper shunts. JP1: connect 1-2 (External TS); JP2: ON; JP3: connect 2-3 (Enable TERM_EN); JP4: OFF.

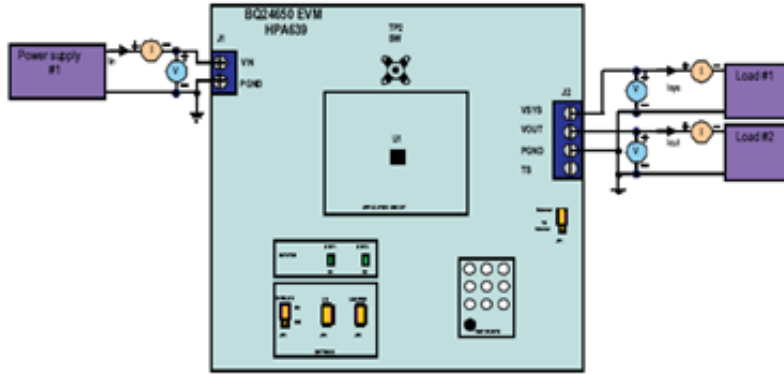
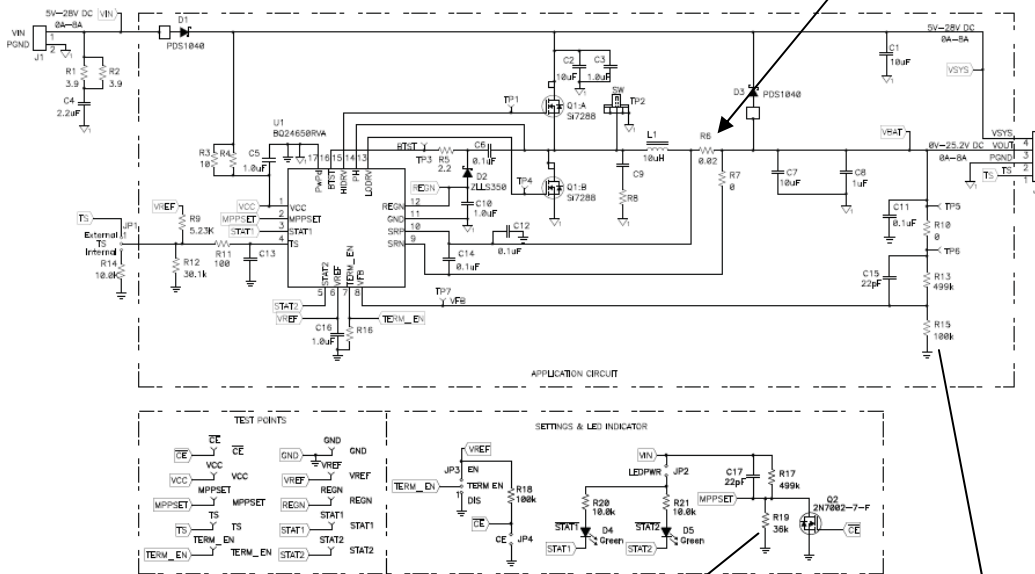


Figure 1. Original Test Setup for HPA639 A Evaluation Board

Bq24650 page 17

R6 0.02 ohm Change 0.05 ohm



R19 36k to 100k ohm

R15 100K Change 86.6K

JP1 2-3 TS-Internal

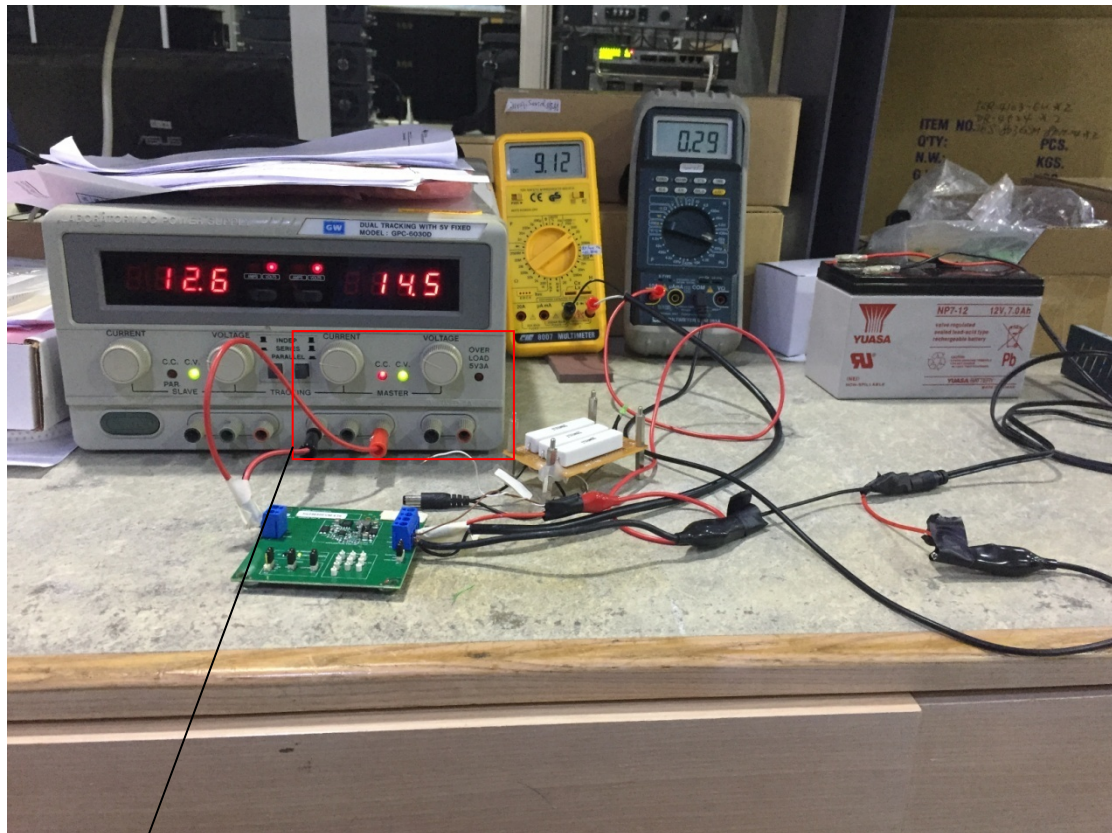
JP2 Enable Jump

JP3 1-2 EN-TR

JP4 Enable Jump

Input 14.2 V ,Vout & Pgand Need 12V For 12v Battery

Charger Current 0.8 A ,Pr-Charge 0.08A



What is Power Supply CC & CV Always not steady (CC RED LED)

Not sure I understand your question...

What is the purpose of changing R19 to 100kohm?

what is the charge current? What is the current limit on your DC power supply? Can you provide waveform on input voltage, input current, output voltage and output current?

