

2636B Dual Channel SMU / 2635B Single Channel SMU



Applications

- **Semiconductor Structures**
 - Wafers / Thin films
- **Nanomaterials and Devices**
 - Graphene / Carbon Nanotubes/ Nanowires /Low Power nanostructures
- **Discrete and Passive Components**
 - Resistors / diodes / Zener Diodes / LEDs, disk drive heads, sensors
 - small signal bipolar junction transistors (BJT's), Field Effective Transistors (FET's)
- **Organic Materials and Devices**
 - E-links / Printable Electronics
- **Material Characterization**
 - Resistivity / Hall Effect

Benefits

- 10A pulse to 0.1fA and 200V to 100nV
- Tightly integrated, 4-quadrant voltage/current source and measure instruments offer best in class performance with 6½-digit resolution
- TSP (Test Script Processing) technology embeds complete test programs inside the instrument for best-in-class system-level throughput
- TSP-Link expansion technology for multi-channel parallel test without a mainframe
- Compatibility with the Keithley IVy mobile app enables true plug & play I/V characterization and test through any Android device.

Allied products

- 701B/702B
- 2651A/2657A
- 2601B/2602B – 2611B/2612B

Frequently asked questions

- Is there a web GUI available to reduce programming? – Yes the 2600 series is compatible with the Keithley IVy mobile app which enables true plug & play I/V characterization and test through any Android device.
- Can I connect multiple instruments and how can I do that? – Yes, with TSP-link
- Is the 2600 series software-compatible with the 2400 SMU? – Yes, 2600B-800A: Series 2400 Emulation Script is available for Series 2600B (supplied on USB memory stick)