Save 45% on the Semiconductor Device Analyzer to Accelerate the Research and Study of Advanced Devices

Challenges of Advanced Devices

Today, the trend in smart phones and IoT devices is accelerating toward artificial intelligence, augmented reality, and 5G technology. Accordingly, educators and researchers need to study and develop advanced device capability such as higher performance, lower power consumption, and more functionality.

Cutting-edge smart phones and IoT devices require new materials, components and advanced technologies. Traditional IV and CV measurements are not enough to unveil device characteristics and validate reliability, These challenges require advanced measurements such as:
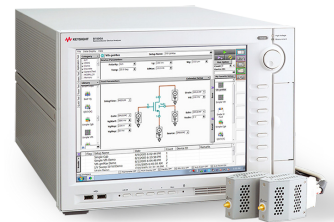
- Pulsed IV measurement for self-heating effect
- Ultra-fast NBTI/PBTI and RTN (Random telegraph noise) for reliability

A conventional device analyzer cannot meet the challenges posed by next generation smart phones and IoT devices. Educators and researchers need faster. more efficient ways to characterize and evaluate materials, semiconductors, components, and active/passive devices.

B1500A gets you ready for the challenges of advanced devices

Keysight's B1500A Semiconductor Device Analyzer is a single-box solution that accelerates the research and education of advanced devices by making complex measurements simple, fast and accurate.

- Versatile measurement capabilities from basic IV and CV measurement to the advanced measurement such as pulsed IV, ultra-fast NBTI/PBTI, RNT measurement, and more
- Configurable and upgradable measurement modules with 10 slots per mainframe
- Accurate and precise measurement ranges of 0.1 fA to 1 A and 0.5 µV to 200 V

Start Date:
November 1, 2018

End Date:
September 30, 2020

Promotion Code:
6.035

Availability:
- Worldwide

KEYSIGHT
TECHNOLOGIES

NSCA
TRA-CAL

For more information:

Contact your NSCA & Tra-Cal Small Business Partner: Email info@nscainc.com

or call your local sales rep today at 301-527-9200.

KEYSIGHT
TECHNOLOGIES
Authorized Small Business Partner

- Automated switching between IV measurement and CV measurement from 1 kHz to 5 MHz

- Ultra-fast IV measurements with 100 ns pulsing and 5 ns sampling rate

- EasyEXPERT group+ software furnishes hundreds of ready-to-use application tests for quick measurement and analyze measurement data automatically and quickly

- EasyEXPERT group+ can be installed on as many PCs as you need and accelerate data analysis without occupying the instrument

For more information on the B1500A:

http://literature.cdn.keysight.com/litweb/pdf/5991-2443EN.pdf

Don't miss this opportunity to get versatile measurement capabilities at a lower cost!

For a limited time, receive a 45% discount on the B1500A Semiconductor Device Analyzer mainframe.

Investing in the B1500A enables you to meet the challenges of future technologies and provides many productivity benefits.

Promotion Conditions

- Promotion can be applied to the B1500A mainframe only

- Reference promotion code 6.035 upon order placement

- Promotion discount on the B1500A mainframe cannot be combined with customer purchase/education agreement, special offers, trade-in specials, or other Keysight promotions

- Research and education, and GSA customers eligible for promotion discount

Keysight Technologies reserves the right to modify or discontinue this offer during the promotional period.

To Take Advantage of This Offer

- Contact a Keysight representative or authorized partner:
   www.keysight.com/find/contactus

- For more information: www.keysight.com/find/B1500APromo

Learn more at: www.keysight.com

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at: www.keysight.com/find/contactus

KEYSIGHT
TECHNOLOGIES