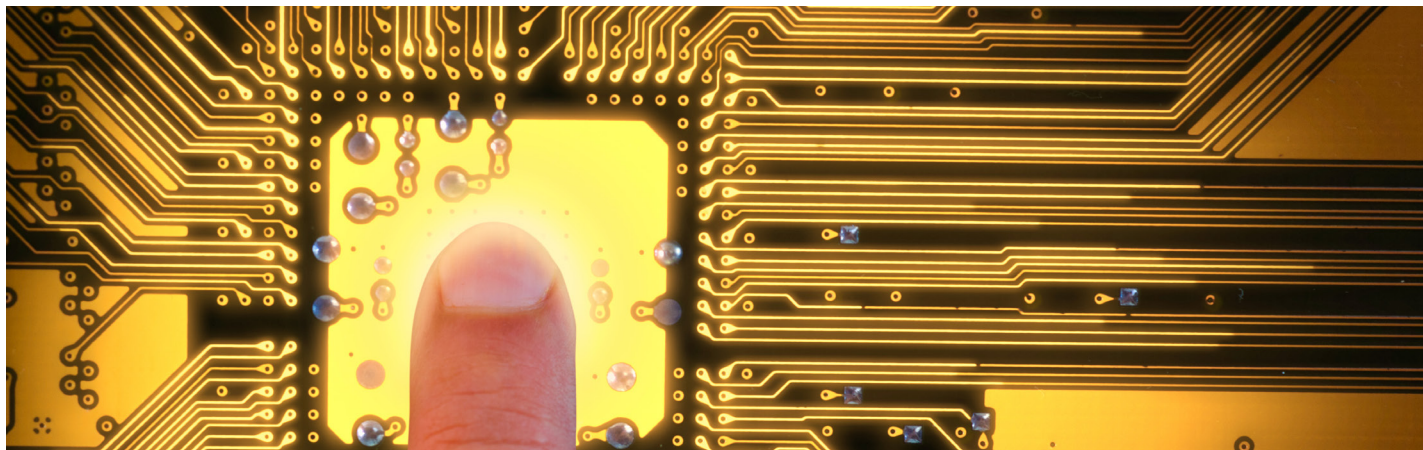


# Keysight Technologies

Update your lab to prepare for the technology challenges of the future



## Measurement technology is facing an inflection point as solutions move beyond conventional Si devices

New technologies (such as IoT, 5G AI, AR/VR, etc.) are driving the need for device innovation. As a result, materials other than silicon are being intensively researched and investigated for their potential breakthrough capabilities.

While conventional DC IV (voltage-current) characterization is still important, it is not sufficient for many types of new devices. Novel materials and structures are often less stable than silicon, so advanced techniques such as pulsed IV measurement are important to understand their properties and verify their reliability.

## Previous generation instruments cannot meet next generation measurement challenges



The goals of advanced device research are to drive technology innovation and to make it commercially viable as rapidly as possible. R&D productivity and efficiency are therefore becoming as important as the ability to make advanced measurements.

Conventional parameter analyzers (such as the 4155/56 series) are in wide use and remain excellent tools for evaluating established technologies. However, they cannot meet the needs of emerging devices and technologies that require characterization of more than just simple current and voltage.



Take advantage of this offer

Contact your NSCA & Tra-Cal Small Business Partner:  
Email [info@nscainc.com](mailto:info@nscainc.com) or call your local sales rep today at 301-527-9200.



## Don't miss this opportunity to modernize your lab!

**PROMOTION START DATE:** October 1, 2017

**END DATE:** September 30, 2018

**PROMOTION CODE:** 6.021

### Availability:

- Education and Government customers in the United States, Canada, Latin America, Europe, Middle East, Africa, China, Hong Kong and Taiwan.

### Promotion conditions:

- Customer must purchase B1500A mainframe
- Customer must purchase one of the packaged option listed below. Price is discounted equivalent to two SMUs in the package.
- Customer must reference promotion code 6.021 upon order placement.
- This promotion cannot be combined with other promotions, special offers or trade-in specials.
- Customer purchase or education agreement can't be combined for the selected package option with this promotion.

### To Take advantage of this offer:

Contact an Expert to find a Keysight representative at [www.keysight.com/find/contactus](http://www.keysight.com/find/contactus)  
Request a quote and reference promotion 6.021

For a limited time, when you purchase a B1500A device analyzer mainframe and one of the packaged options, you receive a discount equivalent to two free SMUs in the package!

To help support advanced research, Keysight is offering education and government customers a “Two free SMUs” offer on the B1500A device analyzer. This special promotion enables you to expand your lab's capabilities at a much lower cost.



The B1500A device analyzer supports a flexible architecture that allows you to select the exact measurement capabilities you need. The B1500A can be configured to perform IV measurements, CV (capacitance-voltage) measurements and advanced pulsed/transient IV measurements in the nanosecond range.

The B1500A's Windows-based EasyEXPERT software offers complete device characterization suites, and it improves productivity by providing easy connectivity to your desktop environment for post-measurement analysis.

Investing in a new B1500A not only enables you to meet the challenges of future technologies, but also provides many other productivity benefits over older legacy products.

Options	Description	“Two free SMUs” details
B1500A-A01	Standard Package (four MPSMU, Cables)	Two MPSMU
B1500A-A02	High Resolution Package (four HRSMU, Cables)	Two HRSMU
B1500A-A03	High Power Package (two HPSMU, two MPSMU, Cables)	One HPSMU and one MPSMU
B1500A-A04	Flash Pack (two MPSMU, two HRSMU, PG, Accessories)	One MPSMU and one HRSMU

Learn more about the product [www.keysight.com/find/B1500A](http://www.keysight.com/find/B1500A)

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