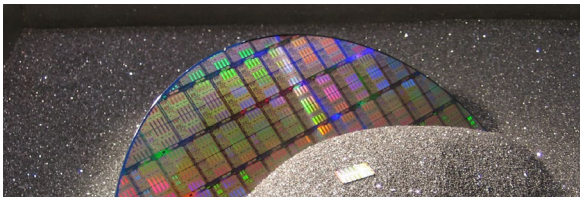
Tektronix®

Accelerate Your Research

With a Collaborative Technology Partner



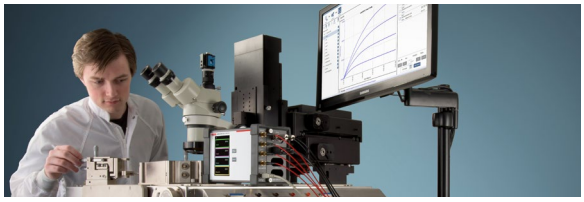
Choosing the right test and measurement partner is important to accelerate your research. Tektronix experts are eager to collaborate with you on test approaches and solutions to expedite your research and publication efforts, which will drive the new energy transition.



Wide Bandgap Semiconductor Materials Research

Learn More

WBG materials are at the heart of the continued challenge to improve the performance of SiC and GaN for faster switching speeds, higher power density, high temperature operation, reliability, size, and cost.



Characterizing Wide Bandgap Devices

Learn More

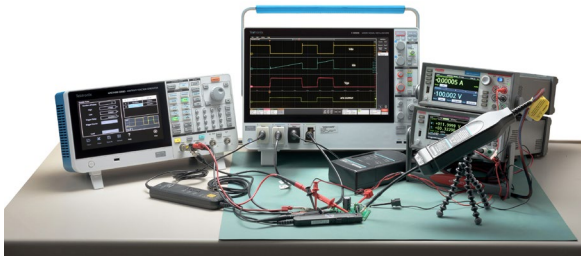
Precision voltage and current measurements are needed to understand a SiC or GaN device's fundamental properties and electrical performance.



I-V Characterization

Learn More

I-V characterization is the process of measuring the current-voltage relationship of electronic devices. It's crucial for device testing and optimization and for developing wide bandgap semiconductors.



Double Pulse Testing

Learn More

Double pulse testing is the standard method for measuring the switching parameters of MOSFETs or IGBT power devices. Historically this has been a time consuming process to set up the double pulse test since function generators do not have a built-in way to configure and set up the test.

Stay ahead with the latest in test and measurement technology. Join our email community to receive updates and insights.

KEITHLEY
A Tektronix Company

Featured Products



IsoVu Isolated Probes

Uncover the fast, floating signals that your non-isolated probes are hiding. IsoVu™ Probe Technology virtually eliminates common mode interference using optical isolation.

Learn More



5 Series B Oscilloscope

Get a complete view of your design with high-fidelity waveforms, insightful measurements, unique spectrum analysis, and flexible probing. Experience the award-winning interface common to the Tektronix range of touchscreen oscilloscopes.

Learn More



Keithley 4200A-SCS Parameter Analyzer

Accelerate research, reliability and failure analysis studies of semiconductor devices, materials and process development with the 4200A-SCS. The highest performance parameter analyzer, it delivers synchronizing current-voltage (I-V), capacitance-voltage (C-V) and ultra-fast pulsed I-V measurements.

Learn More



2400 Graphical Series SMU

Keithley 2400 Graphical Series SMU instruments offer four-quadrant precision voltage and current source/load coupled with measurement now on an intuitive touchscreen user interface.

Learn More

Find Out About Tektronix Internships

Tektronix interns and co-ops each have a unique experience as part of the Tektronix team. They are challenged with meaningful projects that are often driven by customer feedback. Tektronix is committed to providing a diverse and inclusive environment.

Copyright © Tektronix. All rights reserved. Tektronix products are covered by U.S. and foreign patents, issued and pending. Information in this publication supersedes that in all previously published material. Specification and price change privileges reserved. TEKTRONIX and TEK are registered trademarks of Tektronix, Inc. All other trade names referenced are the service marks, trademarks or registered trademarks of their respective companies. 5/2024 SMD