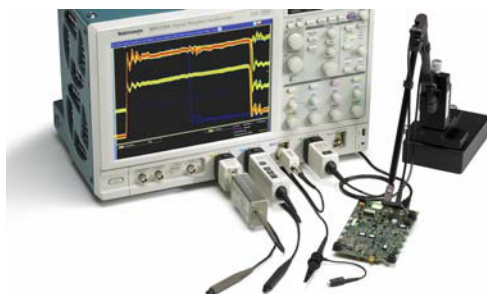


# Oscilloscope Probes

## The right probes matched to your oscilloscopes

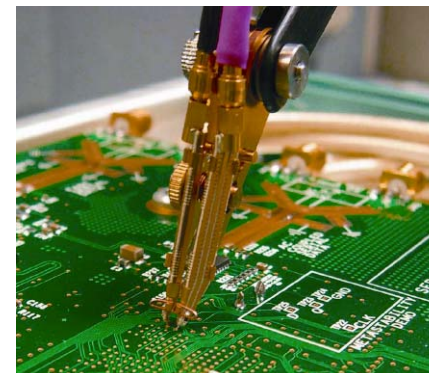


### Features

### Benefits

Superior differential signal bandwidth	Tektronix differential probes provide industry-leading bandwidth of up to 20GHz. Ideal for probing leading edge serial signals like PCI Express 2.0.
TekVPI® Interface (Versatile Probe Interface)	Provides ease of use and intelligent bi-directional communications like deskew controls and load specifications between the probe and Tektronix DPO oscilloscopes.
Floating voltage capability	Tektronix high voltage probes extend your oscilloscope's ability to safely and accurately capture real-time signal information from "elevated" or "floating" voltage systems.
TriMode™ probing connectivity	TriMode™ architecture streamlines measurement acquisition by enabling a single probe to make differential, single-ended, and common mode measurements, all with a single DUT connection point.
Accurate and safe power analysis	Current measurements and power calculations are simple, safe and easy with Tektronix AC/DC current measurement probes.
Broad selection of probes	There are over 110 probing models that interface with the family of Tektronix Oscilloscopes.

### Measurement accuracy begins at the probe tip



TriMode™ differential probe

Tektronix offers a broad array of oscilloscope probes:

- Passive – most common, with bandwidths  $\leq$  20 GHz
- Active single-ended – to ensure low DUT loading
- Differential – support for serial communications
- Current – for power and load analysis
- High voltage – for ground-referenced voltage testing
- Optical – optical-to-electrical conversion available



# Oscilloscope Probes

## Key specifications and ordering information

Product Fact Sheet

Probe Type	Key Specifications
Active	Up to 6 GHz bandwidth, ultra-low input capacitance <0.5 pF
Current	AC/DC, DC to 2 GHz, 1 mA to 20,000 A, split core and solid core
Differential	Up to 20 GHz bandwidth, 100 kΩ to 8 MΩ input resistance
High Voltage	Up to 40 kV Peak (100 ms pulse), single-ended (ground reference) or differential (non-ground referenced and ground reference)
Low Capacitance	Up to 9 GHz bandwidth, 1000 Ω input resistance, .15 to 1.5 pF input capacitance
Passive	From 100 MHz up to 20 GHz bandwidth.

Ordering Information
Select the probe model for your specific needs through the Tektronix online probe selection tool <a href="http://www.tektronix.com/probes">www.tektronix.com/probes</a>

Recommended Service Options
Opt. R3/R5 3 or 5 year repair service plan Opt. C3/C5 3 or 5 year calibration service plan



Key Applications	Benefits
<ul style="list-style-type: none"> <li>Serial data validation and compliance testing</li> </ul>	<ul style="list-style-type: none"> <li>Differential probes enable accurate acquisition and characterization of serial communications</li> </ul>
<ul style="list-style-type: none"> <li>Power analysis</li> </ul>	<ul style="list-style-type: none"> <li>Make accurate current measurements and safe grounded voltage tests</li> </ul>
<ul style="list-style-type: none"> <li>Embedded design system evaluation</li> </ul>	<ul style="list-style-type: none"> <li>A wide variety of passive and active probes to support accurate mixed analog/digital signal acquisition</li> </ul>