Engineered for superior signal integrity and measurement confidence.

Key specifications

<table>
<thead>
<tr>
<th></th>
<th>2.5 to 6 GHz</th>
<th>8 to 13 GHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bandwidth</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sampling rate</td>
<td>20 GSa/s (all ch)</td>
<td>40 GSa/s (all ch)</td>
</tr>
<tr>
<td>Channels</td>
<td>4 channels</td>
<td></td>
</tr>
<tr>
<td>Memory</td>
<td>10 Mpts standard (all ch), Up to 1 Gpts optional (all ch)</td>
<td></td>
</tr>
<tr>
<td>Display</td>
<td>12.1 inch XGA touch screen, 256 levels of intensity</td>
<td></td>
</tr>
<tr>
<td>Triggering</td>
<td>3 level sequence trigger (2 level HW + 1 level SW). Edge, edge transition, edge then edge, glitch, line, pulse width, runt, timeout, pattern/pulse range, state, setup/hold, window, HDTV, non-monotonic, measurement, zone qualify.</td>
<td></td>
</tr>
</tbody>
</table>

Applications

- Eye pattern analysis
- Jitter analysis
- Ethernet
- USB 2.0
- PCI EXPRESS®, HDMI, FB-DIMM, Fibre channel
- Serial ATA, SAS, DisplayPort, XAUI
- DDR1/2/3, FireWire®, I2C, SPI, CAN, FlexRay

Description

- Low noise: Industry's lowest noise floor provides you the maximum design margin.
- 1 Gpts: Industry leading MegaZoom ultra deep, ultra responsive memory captures up to 25 ms of data at 40 GSa/s.
- Advanced triggering: Industry's only three-level sequence triggering provides you the maximum triggering flexibility.
- 12.1 inch: Large XGA display provides maximum visibility into the scope's analysis.
- 22 MSa/s: Industry leading data transfer rate assures you a quick data transfer from the scope to your PC/server.
Real-time 8b10b decode (PCI EXPRESS compliance pattern = K28.5, D10.2, K28.5, D21.5)

For more information on this and other Keysight scopes please visit www.keysight.com/find/90000A

www.keysight.com/find/services

Keysight Services helps you improve productivity and product quality with our comprehensive service offerings of one-stop calibration, repair, asset management, technology refresh, consulting, training, and more.