

# Telecom Manufacturing Test Productivity Gets a Boost with the TDS3000B Series Digital Phosphor Oscilloscope



## Designed to Maximize Test Throughput

Digital interface line cards are low- to medium-data rate interfaces that are still a cornerstone of today's telecommunication networks, even as gigabit data rates take center stage. Networks consume line cards by the thousand, and manufacturers are looking for production test solutions that offer accuracy, cost-effectiveness, and above all, throughput.

The TDS3000B Series is a capable, yet affordable test solution for telecom line cards. The Series offers the throughput manufacturers need, as well as the measurement performance to maximize yield.

## Optional application module aimed specifically at telecom production test tasks

The TDS3TMT Telecom Mask Test Module provides pre-configured masks for industry standards such as ITU-T G.703 and ANSI T1.102. The module provides a "QuickMenu" that simplifies test setup and results analysis.

## DPO high waveform throughput speeds up all types of testing operations

A line card test may require hundreds or thousands of waveform repetitions. Because DPO capture rates are hundreds of times faster than other oscilloscopes, precious seconds are shaved off the total test time.

## Built-in WaveAlert™ waveform anomaly detection captures brief transients reliably

Troubleshooters can instantly spot the brief transients that can plague digital communications equipment. Users can tightly define the signal violations they choose to see.

## Four-channel TDS3000B models test, display, and analyze four channels at once.

Multi-channel line cards (available with up to 63 channels) repeat a full series of tests on each channel, so the four-input TDS3054B cuts line card test time by almost 75%. Alternate trigger mode can be used to trigger on each channel sequentially and test it against the selected telecom mask so you test 4 channels with one set-up.