

OCT6100-TP

Voice Quality Evaluation Platform

The OCT6100-TP Voice Quality Evaluation Platform is a stand-alone 1U unit intended to demonstrate the quality of Octasic's OCT6100 series of echo cancellation and voice quality enhancement devices.

The OCT6100-TP is designed to be an easy-to-use tool for testing within a laboratory environment. It supports one or two T1 or E1 interfaces that can be connected to a TDM test network or to test equipment.

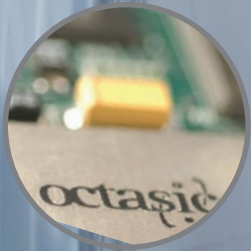
www.octasic.com

Voice Quality Testing

Echo type (electric or acoustic), echo tail displacement, as well as echo canceller specific parameters are available for configuration via a simple-to-use web interface.

In addition to the echo cancellation functions, the OCT6100-TP tests the additional telephony functions available in various models of Octasic devices including:

- Gain Control
- Automatic Level Control
- High Level Compensation
- Adaptive Noise Reduction
- DC Offset Removal
- Conferencing
- Tandem Free Operation
- High Level Enhancement
- Automatic Listener Enhancement
- Natural Listener Enhancement
- Tone Detection



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OCT6100-TP

Voice Quality Evaluation Platform

Octasic is a fabless semiconductor company specializing in silicon solutions that deliver exceptional voice quality for network equipment providers within the wireless, VoIP, and TDM segments of the telecommunications industry. Octasic's innovative approach involves processors that are optimized to perform key voice functions such as echo cancellation, packetization, and compression. These specialized, scalable-density devices allow communications equipment providers to benefit from optimal flexibility, and unmatched performance in terms of density, cost, and power consumption.

Find out more about Octasic's products

Echo Cancellation

OCT6100, OCT9600



Packetization

OCT8304, OCT8400



Compression

OCT7102, OCT7200



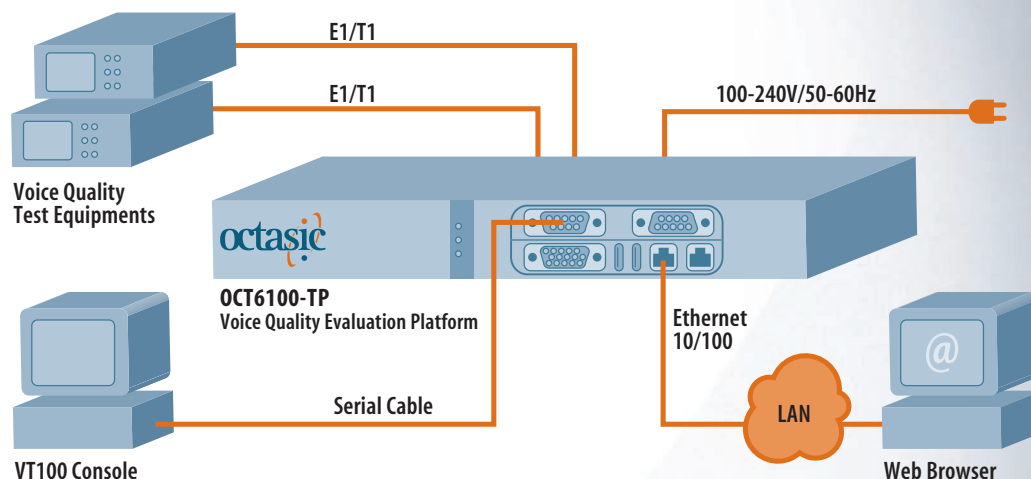
Media Gateway Designs

OCT5200, OCT9320, OCT9360



Typical Setup

A typical OCT6100-TP setup is illustrated below:



User Interface

Control and statistics are provided through a standard web interface which can be accessed through any standard web browser (e.g. IE5). Control for test automation is provided through a standard VT100 serial interface.

Test Ports

The OCT6100 Test Platform is factory configured for T1 or E1 access (one or two ports, RJ-48C):

T1

Transparent Signaling Support
Framing ESF, SF
Line Coding AMI, B7ZS, B8ZS

E1

ETS300 Compliant
Transparent Signaling Support
Framing CRC4
Line Coding HDB3
Adapters two RJ-45C/BNC adapters supplied

Management Ports

Ethernet: Standard 10/100 RJ-45 port
Serial Port (VT100): Standard DB9 RS-232 port
Input Voltage: 100-240 VAC / 50-60 Hz, 10 A



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