

IR3000

IrDA Transceiver Test System

The IrDA transceiver modules require hardware and software not found in general-purpose testers.

ProductionLine Testers Inc. offers the **IR3000** built & programmed to test the 115.2KHz - 4Mbps transceivers.

Different configurations are available for the DUT & Optics Boxes, based on IrDA Standards SIR, MIR, FIR, Low Power SIR, Low Power FIR. Please contact the factory for VFIR information.

ProductionLine Testers Inc.
2150 Rheem Drive, Suite B
Pleasanton, CA 94588
www.ProductionLineTesters.com

Phone: 925/931-1255

Fax: 925/931-1256

E-mail: Sales@ProductionLineTesters.com



ProductionLine
TESTERS



VOLTAGE CURRENT SOURCES (10X)

- $\pm 10V, \pm 1A$
max
- 16-bit
DAC's with 6 Current Ranges
- 4-Quadrants, Programmable
Compliances

PULSE & PATTERN GENERATORS

- Programmable Pulse Generators
- 32K Transmit & Receive RAM's
- XMT RAM Controls V_{il}/V_{ih} &
IrED I-sources

AC MEASUREMENT UNIT

- Slew Rate, Pulse-Width, & Delay
Modes
- Fast, Single-Shot Measurements
- Programmable Pulse Exclusion
Counter
- $\pm 2nsec$ Accuracy, 1nsec Resolution

DC MEASUREMENT UNIT

- 16-bit ADC with 30 Channel Mux
- Active Filter on Input

OPTICAL TEST HEAD

- External $\pm 15^\circ$ Vert. & Horz. Optics
- Custom Fixture for DUT
- IrED's & Ultrafast PIN Diodes

SOFTWARE & DOCUMENTATION

- Datalogging in Spreadsheet Format
- Summary Sheets Show Binning &
Yield
- Fully Documented Schematics
- Operating & Programming
Instructions