

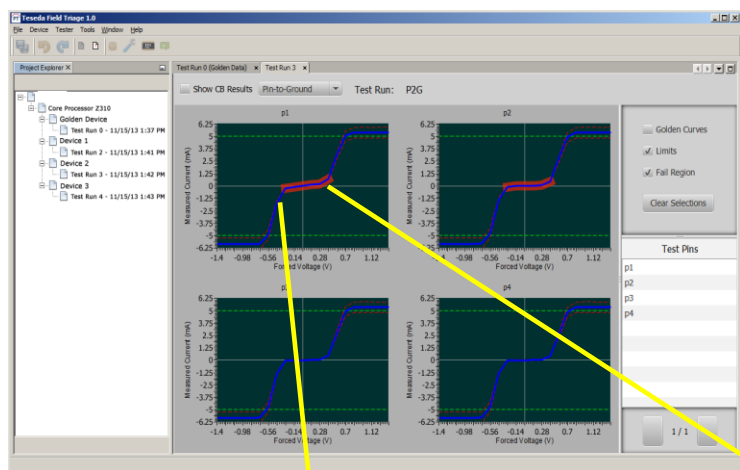


# Curve Tracer™

## Automated DC Curve Trace

### Curve Tracer™ Highlights:

- Fast and easy curve tracing of semiconductor devices to diagnose EOS (Electrical Over-Stress) failures
- Quickly identify defective pins based on Teseda proprietary analysis
- Simple operator interface to identify failures on I/O, Power Supply and Ground pins
- Automatically compare captured DC curves with “Golden Device” DC curves
- Store data results from multiple tested devices, recall and display graphically for each individual DUT pin
- Works with Teseda’s V550, and **Teseda’s Diagnostic Test Hardware™**
- Automatic report generation for rapid and clear communication internally and with end customers



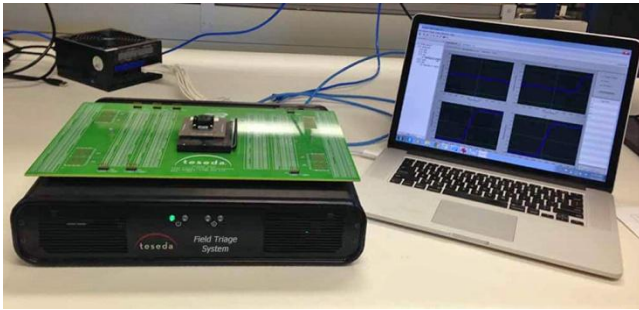
View curves of all pins,  
select and zoom on  
details of any pin

### Key Benefits:

- Easy to setup, easy to use
- Automatic report generation
- Quickly test the I/O integrity of all device pins
- Graphically display current and historical results
- Determine pass or fail based on user defined deviation in the curve data
- All pins grounded and Pin-to-Pin curve reference to Golden Device
- Overlay multiple Pin-to-Pin curve trace to easily identify an abnormal pin
- Performs curve trace on power supply pins

### Simple and fast operation, save multiple results with golden device overlay

**Teseda Curve Tracer™** is designed for simplicity and accuracy. With a minimum of setup, the user is able to identify the pins damaged by Electrical Over-Stress. Teseda curve trace initially begins with all pins grounded, then proceeds with a proprietary process to determine defective pins for final pin-to-pin curve trace display. The defective device curve can be displayed with the failing region, golden device and test limits. All results are stored for later recall and report generation.

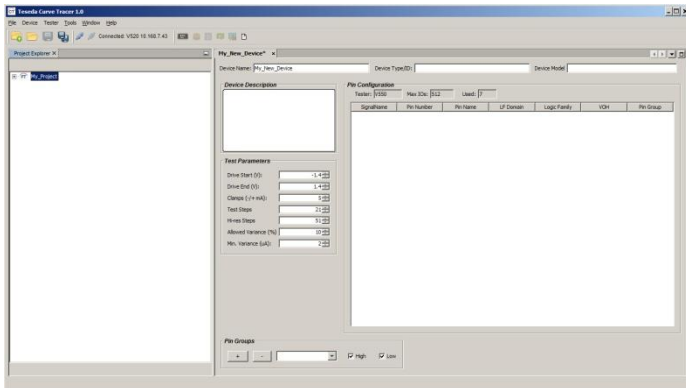


Simple Ethernet cable connection to a PC

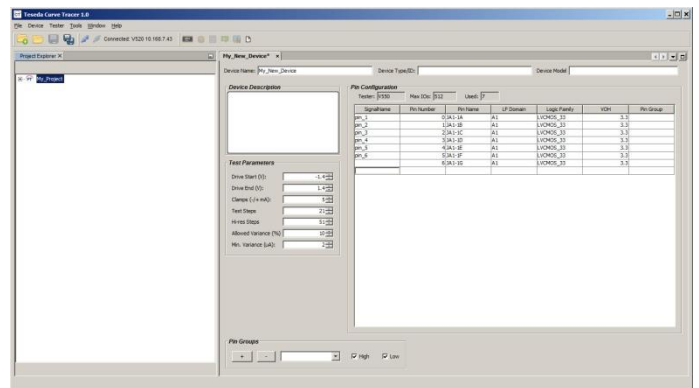
## Curve Tracer™:

- Drives and controls **Teseda Diagnostic Test Hardware™**
- All pins grounded curve reference to golden device
- Performs curve trace on power supply pins
- Observe the overlaid curves for the failing pins
- Retain results for multiple devices
- Use existing test fixtures for **Teseda Diagnostic Test Hardware™** or **Field Triage Mother Board**

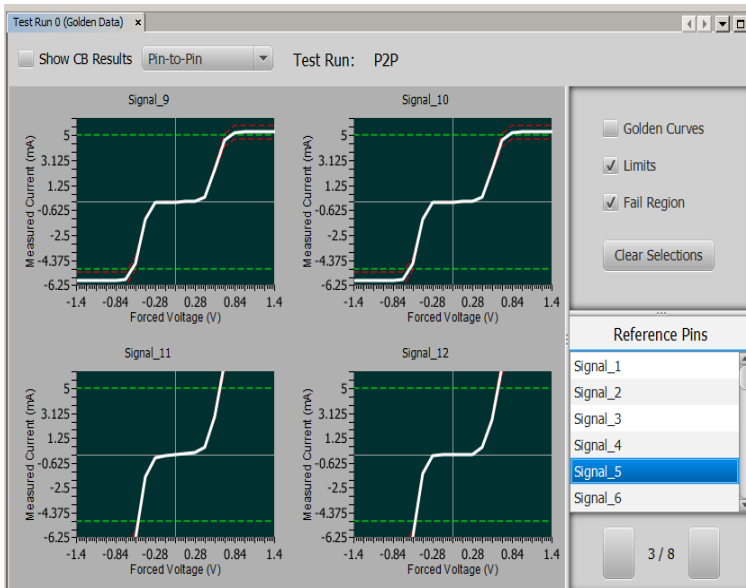
## Curve trace made easy



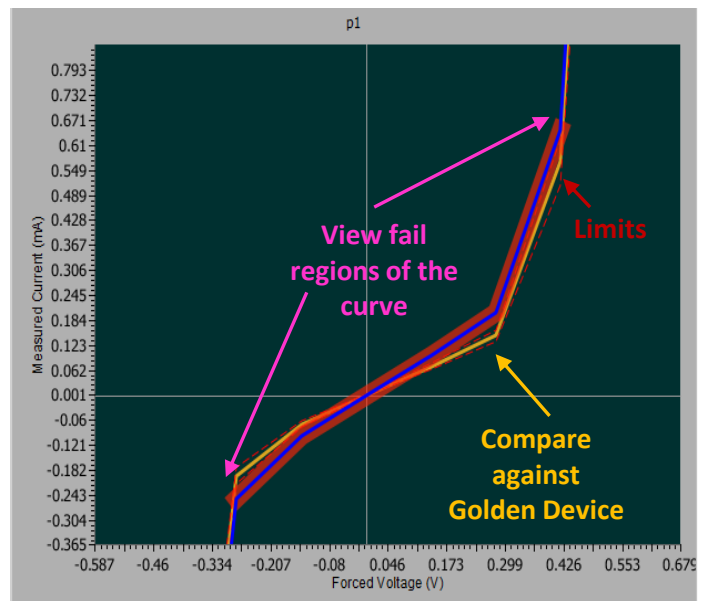
1. Specify the test parameters



2. Specify the pins



3. View the results



4. Expand on the details



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