

[www.lumendigital.com](http://www.lumendigital.com)

**Lumen Digital Corporation**

**"Technical Experts  
dedicated to your Success"**

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**LUMEN DIGITAL**

**Custom Test Fixture Services  
for Electronic Boards**



## Custom Test Fixture Design Service for Electronic Boards

Lumen Digital provides Custom Test  
Fixture Design Service

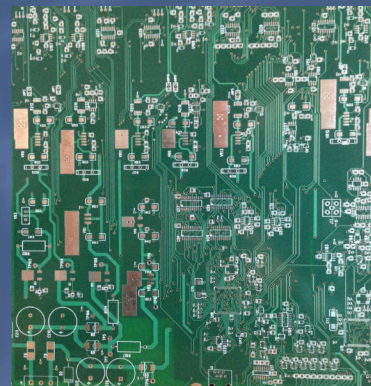
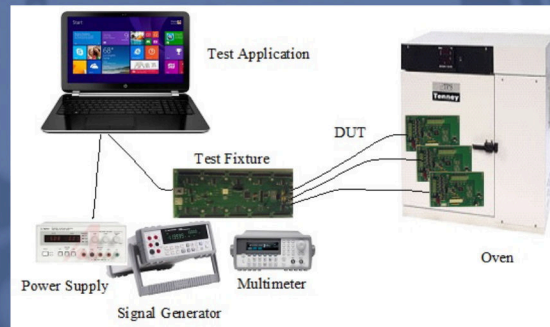
### Custom Test Fixture Features

- \* Automatic test of electronic boards in production
- \* Automatic Oven Control and Monitoring
- \* Measurement Logging and Reporting
- \* Test Monitoring with Alarms
- \* Diagnostic tools
- \* Measurement Check
- \* Test Summary with PASS/FAIL result
- \* Support for off-the-shelf equipment such as Current/Voltage/Frequency Signal Generators, Multimeters, Digital Acquisition Modules, Controlled Power Supplies...
- \* Interface to any off-the-shelf equipment through Serial, GPIB, Ethernet, USB

### Benefits

- \* Consistent and objective automatic tests
- \* Early problem detection
- \* Reliability Improvements
- \* Product quality improvement
- \* Easy Diagnostic

A complete test system includes a PC running a test application, an electronic system with firmware, an oven, and any other equipment required for the automatic test.



### Test Fixture Design Service includes:

- \* Defining the architecture
- \* Designing the electronic architecture based on off-the-shelf components or custom electronic board
- \* Defining the test application
- \* Designing the software package
- \* Manufacturing the Test Fixture hardware
- \* Providing documentation (Manual, BOM, manufacturing files)

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