

Automated Testing Equipment for PCBs Functional Testing

Overview

The system has been designed and developed for automated testing of PCBs assemblies functionality. The system based on National Instrument PXI system, special designed signal conditioning modules and special software. The system allows testing the PCBs in both automatic and manual modes.



Features

- Test equipment self-test before beginning the test
- Automatic generation of test patterns and analyzing the response for test units
- Visualization of measurement parameters both in graphical and numerical view
- Testing procedure interruption in case of emergency situations
- Visualization of testing progress on the screen
- Indication of UUT malfunctions localization
- Capability UUT testing by current up to 40A
- Test reports generation in .doc format