

LEONBench

Standalone Bench test system for FCT, ICT, ISP and Boundary Scan with support for manual and vacuum fixtures.

The LEONBench test system is a flexible and scalable test system that features an excellent signal integrity and a high-quality fixture interface. This is achieved by combining a cableless connection from ABex modules to Virginia panel interface connectors. The system is optimized for high pin count test applications. Furthermore, it can be equipped with vacuum and pneumatic. Support for multi-level contact fixtures enables separate contact levels for FCT and ICT. The Konrad ITA (Interchangeable Test Adapter) frame allows various fixture houses all over the world to build custom fixtures for the LEONBench.

Up to 15U additional rack space allows adding a bunch of high-performance measurement devices from various manufactures. An integrated power distribution unit takes care about power on and off sequencing.

As part of the LEON Family, LEONBench is based on the ABex platform which directly incorporates Konrad analog bus technology and PXI/PXIe in one chassis.



Features

- Bench Top System
- Top facing VPC (Virginal Panel Corporation) fixture interface
- Modular and scalable test system based on PXI/PXIe and ABex platform
- 86..2838 test points
- 18 Slot ABex Chassis integrated
- Up to 16 fully parallel ICT test sockets
- Integrated Embedded Controller with Intel Core i5 processor
- Optimized signal integrity
- Supports third party PXI and PXIe cards
- Integrated PXI-501 multifunction FCT and ICT measurement instrument
- 15U additional 19" rack space
- Integrated power, vacuum and pneumatic distribution

Applications

- In-Circuit Test (ICT)
- Boundary Scan Test (BSCAN)
- In-System Programming (ISP)
- Electrical Functional Test (FCT)
- End of Line Test (EOL)

Software

LEON System software for easy measurement, switching and debugging experience:

- Supports NI Teststand and Labview
- ICT development and execution environment
- Aster Testway CAD converter available
- Production operator interface
- Windows DLL API for third party software integration

Global Deployment & Service

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