PinPoint Chassis Configurations

PinPoint Schematic

Offers powerful reverse engineering tools for the generation of netlists and schematic diagrams. Schematic generation is available across the whole PinPoint range but PinPoint schematic caters for those applications where only reverse engineering is required.

PinPoint 8 Slot

Up to 240 driver channels (Digital, Analog and VI). Running powerful TestVue™ software the PinPoint 8 Slot offers advanced In-Circuit Test capabilities.

PinPoint 14 Slot

With up to 240 ICT Driver Channels, full functional (Digital, Analog and VI) and 1,664 Edge Card Digital only channels. PinPoint 14 Slot is the most powerful In-Circuit Test system available for repair and maintenance of commercial and military PCBs. Based on the 14 or 8 Slot chassis, the PinPoint can offer a combination of Functional and In-Circuit Tests. The board under test can be connected for Functional Test using Edge Connectors or a Bed-of-Nails fixture.

PinPoint UDA

The PinPoint UDA builds on the renowned capability of the PinPoint benchtop system to provide a modular and flexible progression of test technology. The Universal Design Architecture enables you to choose the best no-compromise test method for your circuits to give maximum test coverage – all with rapid programming!

Chassis Specifications

PinPoint Chassis Specifications

Designed and manufactured to comply with the latest RoHS standards making it both user and environmentally friendly.

Monitors internal temperature and automatically adjusts the speed of the fans to provide a quieter working environment for you.

With the increase in Boundary Scan requirements a dedicated JTAG IEEE.1149 port is positititioned on the front of the system to provide easy access for customers who opt for the XJTAG Boundary Scan system.

Power Supplies

All PinPoint chassis contain 2 power supplies:

• One is an ATX used to power the internal motherboard.

• The other is a 1KW supply and provides two functions namely +5V/+-15V to power the system instrument bay and UUT PSU's.

The supplies are all universal input i.e. auto ranging 85V-270Vac 50-60Hz.

All of the UUT PSUs are fitted with programmable "over current" limit detectors (programmable within the range of the relevant UUT supply) as well as current monitoring to monitor the exact amount of current being drawn by the UUT.

An optional internal dual isolated variable power supply, each offering 0-20V at 10 Amps. Ideal for those applications that need more than the standard voltage and power requirements.

User Power Supplies

The standard UUT (Unit Under Test) power supplies provide:

▶ 1 off +5V @ 30.0A

▶ 1 off +12V @ 6.0A

▶ 1 off -12V @ 4.0A

▶ 1 off -5V @ 1.0A

▶ 1 off 3.3V @ 8.0A

Technology

Hardware typical specification and subject to change:

Dual Core Intel E6550 2.33GHz with 4Mb L2 Cache and 1333MHz FSB. 2Gb RAM –(DDR2, 667MHz), Onboard graphics and a 250Gb, 7200RP Hard Drive.

7 general purpose digital I/O channels

Software

Operating software is Microsoft Windows 7. As a chargeable option, systems can be provided with Windows XP or Windows Vista. (Windows 7, Windows XP and Windows Vista are trademarks of Microsoft Corporation)

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