



FaultFinder PCI card

Fault diagnostic system for board repair



Turn your PC into an effective PCB fault finding system by incorporating the FaultFinder PCI card



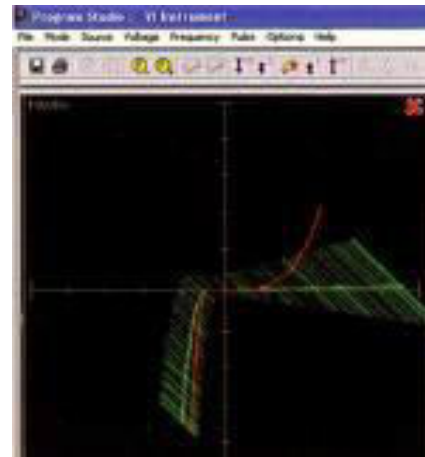
- Fully automatic guided probe
- Impedance signature analysis test
- Auto-learn of known good board
- No need for schematic diagrams
- Intuitive graphical interface
- Built-in libraries with symbols
- Proven method for finding both digital and analog faults



FaultFinder PCI

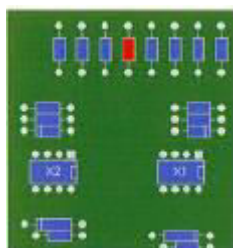
Impedance Signature Analysis test with:

- Digitally synthesised waveforms
- Auto-learn of known good board
- Automatically stored signatures
- Alternative signatures for different manufacturers devices
- Easy to use graphical software for fast introduction and programming
- Signatures and software compatible with other FaultFinder systems and also the PinPoint and UDA



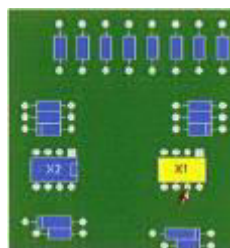
Finding PCB faults fast:

The FaultFinder quickly identifies the exact point of a failure guiding the user through intuitive and easy to use software. Using impedance signature analysis, the FaultFinder provides a completely safe method to test any electronic circuit.



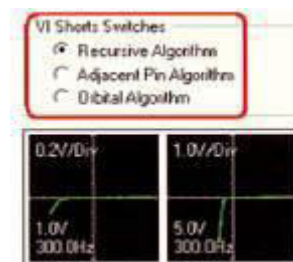
Rapid program creation:

With the comprehensive auto-learn process, test programs can be generated in minutes. Simply select the node to be programmed and the FaultFinder automatically selects the best test ranges from an extensive combination. Signatures are stored for comparison, or as part of a automatic guided probe test program.



Scanner unit (option):

The FaultFinder Scanner Unit increases the number of test points that can be consecutively tested automatically up to a maximum of 192 nodes. Incorporating full inter-pin shorting algorithms and extensive built-in libraries, the FaultFinder and Scanner Unit make programming large, complex boards simple allowing you to concentrate on the task of finding failures quickly with increased fault coverage.



Specification

Two VI Channels plus common TCP/IP communication

Voltage ranges: User adjustable in software with a resolution of 0.1 Volts

Default ranges: 1, 5, 10, 15, 20 & 25 Volts

Frequency Ranges: 5, 15, 25, 50, 150, 300, 750 & 1500 Hz

Current ranges: Current limited to less than 200mA peak.
16 resistors selectable across all voltage and frequency ranges.

Resistor values: 10R, 20R, 50R, 100R, 200R, 500R, 1K, 2K, 5K, 10K, 20K, 50K, 100K, 54R, 1K21 & 26K7

Waveforms: Sine, Square, Triangle & Ramp
5 Hz to 1.5KHz, 1.0Hz resolution, 0.2 volt to 25 volt peak, 0.1 volt resolution, 256 point, 8 bit comparison architecture

Diagnosys has a policy of continuous product development and reserves the right to change technical specifications at any time without prior notice. Diagnosys does not accept liability for any errors or misprints in this document.