

FaultFinder VIP

Portable PCB troubleshooting system

Rapidly identifies the cause of faults on a PCB.



- Proven Impedance Signature method to locate digital and analog faults.
- No need for schematic diagrams or board knowledge.
- Auto-learn of known good board.
- Quick to learn and intuitive graphical interface.
- Built-in libraries with device symbols.
- Interactive live mode or automatic program.
- Fault identified to network level.

FaultFinder VIP

<ul style="list-style-type: none"> Digitally Synthesised Waveforms 	<ul style="list-style-type: none"> 96 or 192 Test Channels providing inter-pin shorting algorithms
<ul style="list-style-type: none"> Built-in Libraries and Symbols 	<ul style="list-style-type: none"> USB 2.0 communication
<ul style="list-style-type: none"> Auto-learn of known good board 	<ul style="list-style-type: none"> RoHS compliant product
<ul style="list-style-type: none"> Automatically stored signatures 	<ul style="list-style-type: none"> Signatures and software compatible with other FaultFinder systems and also the PinPoint range.
<ul style="list-style-type: none"> Easy to use graphical software for fast introduction and programming 	<ul style="list-style-type: none"> Alternative signatures for different manufacturers devices

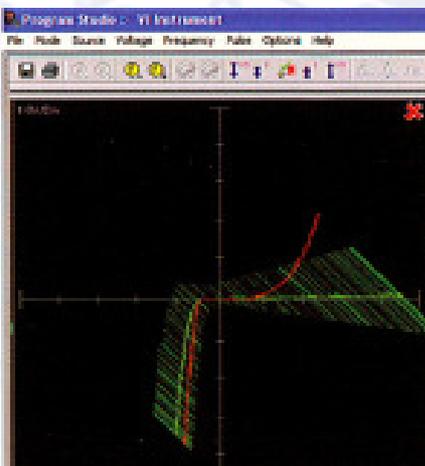
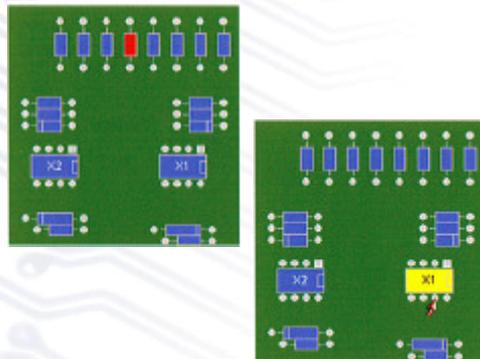


Portable and compact:

The FaultFinder VIP performs exactly where you need it, in the lab, repair centre or even in the field. Simply connect the unit to a local PC, laptop or network via the USB 2.0 connection and you have a small, compact, network capable test system with 192 test channels.

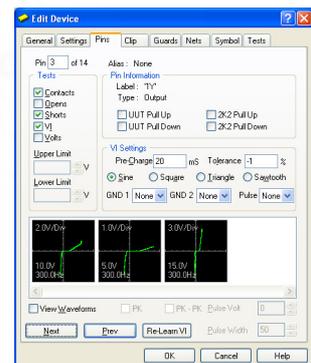
Quick and safe fault finding:

Finding PCB faults quickly, when speed is imperative, FaultFinder test program software guides you to the exact point of failure. Utilising impedance signature analysis, FaultFinder provides a completely safe method of test for either newly manufactured or in-service boards.



Rapid program creation:

Featuring a comprehensive Auto Learn process, test programs are generated in minutes. Simply select the node to be learnt and FaultFinder automatically selects the best voltage and frequency test waveforms for optimum results, storing these signatures for comparison, or as part of a simple automatic test program.



Specification FaultFinder VIP



The FaultFinder Portable provides:

- 2 VI Channels plus Common / 2 Pulse Channels plus Common
- 96 channels as standard and can be extended to 192 channels as an option.
- USB 2.0 communication.
- 256 Point, 8 bit Comparison architecture
- Fully flexible inter-pin shorting algorithms
- Pulse mode for gate fired devices.

Waveforms:	Sine, Square, Triangle & Ramp
Current Ranges:	Current limited to less than 200 mA peak
16 Resistors selectable across all Voltage and Frequency Ranges:	Resistor values: <ul style="list-style-type: none"> • 10R, 20R, 50R, 100R, 200R, 500R, 1K, 2K, 5K, 10K, 20K, 50K, 100K, 54R, 1K21 & 26K7
Frequency Ranges:	<ul style="list-style-type: none"> • 5, 15, 25, 50, 150, 300, 750, 1500Hz • 5 Hz to 1.5KHz, 0.1 Hz resolution
Voltage Ranges:	<ul style="list-style-type: none"> • 0.2 Volt to 25 Volt Peak • Voltage ranges are user adjustable in software with a resolution of 0.1 Volt • Default Ranges: 1, 5, 10, 15, 20 & 25 Volts



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