

Analogue Functional Test

The 24 test channels available on the Analogue IC Test Solution have the facility to drive analogue voltage onto the PCB and measure analogue responses (in both voltage and current) from the device under test. The same channels can also be set to restrict the output of the device under test to a specified voltage in order to protect connected circuitry and facilitate a more comprehensive test of the device.

The inclusion of these features in the SYSTEM 8 Analogue IC Tester means that analogue ICs can be verified by a functional in-circuit test by simply attaching a clip.

Discrete Devices

Testing discrete devices is easy using three dedicated channels. A wide range of programmable voltage and current stimulus and measurement features are offered. This allows many different devices to be tested ranging from power transistors to high-gain Darlington transistors.

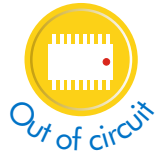
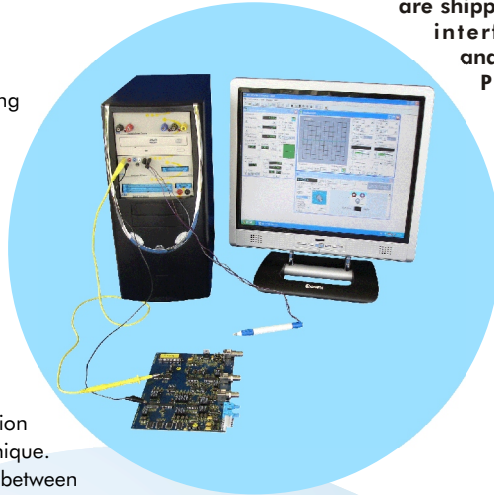
24 channel Matrix V-I

Matrix V-I testing is a powerful extension to the normal Analogue V-I technique. The Matrix V-I test performs a V-I test between every pair of pins on the device under test (DUT) and in every single combination. This technique also allows ICs to be tested out-of-circuit as well as

finding shorts between pins that would otherwise not have been found.

The SYSTEM 8 Analogue IC Tester can be used to efficiently diagnose faults on analogue PCBs down to component level, or for functionally testing ICs. No other product offers such comprehensive test and fault diagnosis facilities at such a low price.

The Analogue IC Tester module requires a PC for operation. Modules are shipped with PCI interface card and SYSTEM 8 Premier software.



AICT
analogue
in-circuit

- Analogue Functional Test •
- Board comparison fault diagnosis •
- In- and out-of-circuit functional analogue test •
- Clear pass or fail results •
- Circuit diagrams not required •
- 24 analogue channels •
- Auto comparison with stored results •
- Powerful Matrix V-I Test •
- Auto clip positioning •

SYSTEM 8 Analogue IC Tester

Combining power-on and power-off tests, the Analogue IC Tester is the ideal solution to find faults on analogue PCBs

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Making Light Work