

Board Fault Locator

- Digital IC Tester
- Live Comparison
- Graphical Test Generator
- Digital IC Identifier
- Short Locator
- EPROM Verifier

mem

proudly
presents
the
abi

Product

Board

Fault

Locator

Weitere Informationen, Beratung, Verkauf und technische Betreuung unter:

mem Meßtechnik & Elektronik GmbH

Pilartzstraße 9, 83549 Eiselfing

tel 08071 923060

www.mem-gmbh.de

fax 08071 9230619

mail@mem-gmbh.de

Board Fault Locator

- **Digital IC Tester**
- 64 test channels per module
- 4 bus disable outputs per module
- 5 V/5 A power supply
- Truth table, voltage, connections, thermal and V-I tests

- **Live Comparison**
- Compare characteristics from good and bad boards simultaneously
- Alter board conditions and track changes in results through automatic comparison
- 2 Board Fault Locator modules required

- **Graphical Test Generator**
- 64 channels
- Graphically programmable for PCB setup and test
- Vectors can be saved, loaded and compared

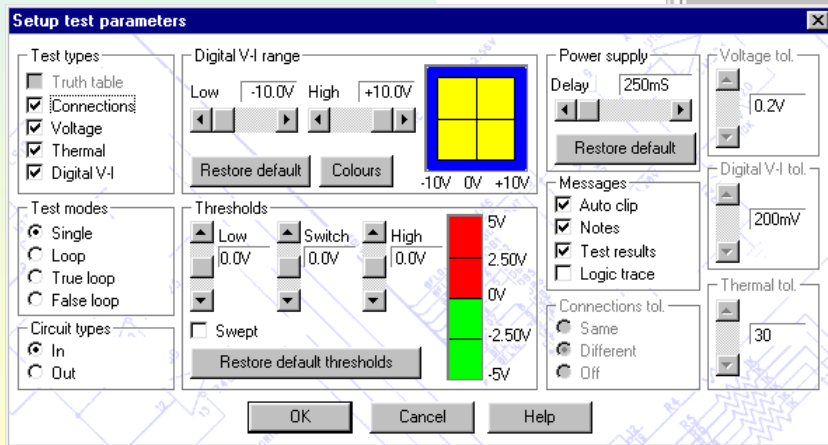
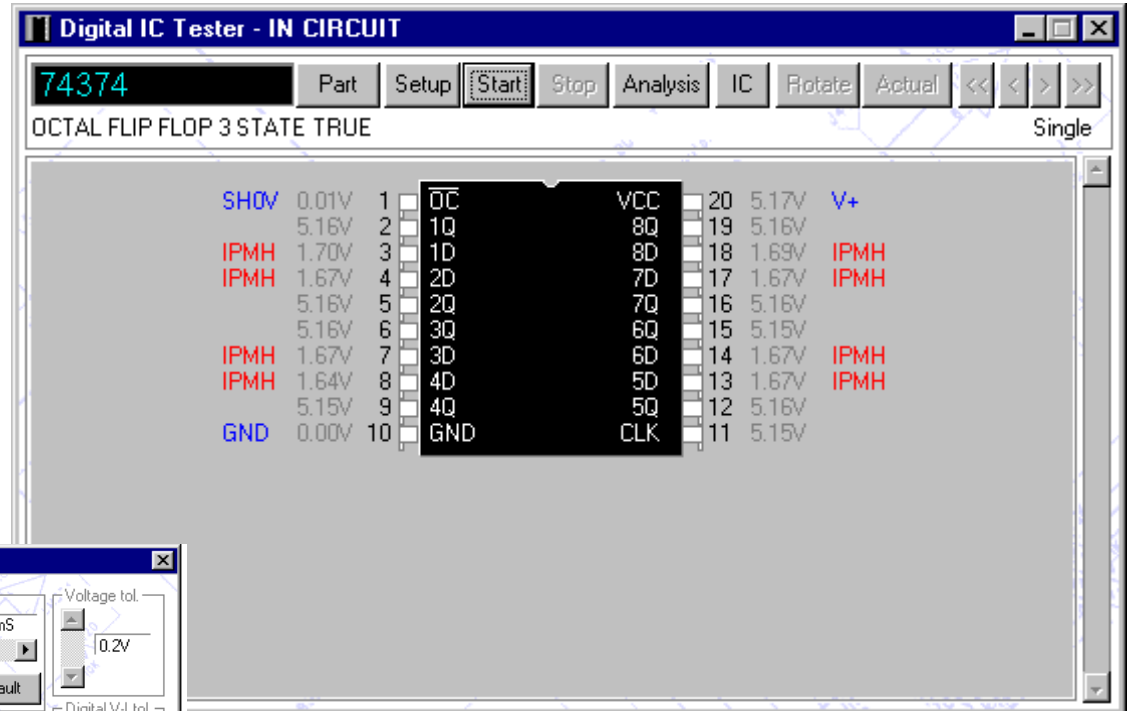
- **Digital IC Identifier**
- Unknown, illegible or house coded ICs
- Full library search by size
- In-circuit
- Out-of-circuit with adapter

- **Short Locator**
- 3 resistance ranges
- Audible and visual indications of proximity to short
- Audible continuity checker

- **EPROM Verifier**
- Read EPROMs in and out of circuit
- Save data to file
- Display CheckSum
- Compare data against Master file

Digital IC Tester

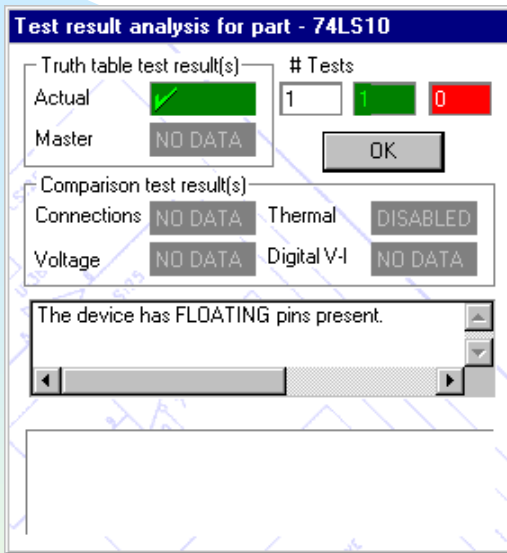
- Expandable to 256 test channels in 64 channel steps
- 4 bus disable outputs for guarding signals
- Loop modes for intermittent faults



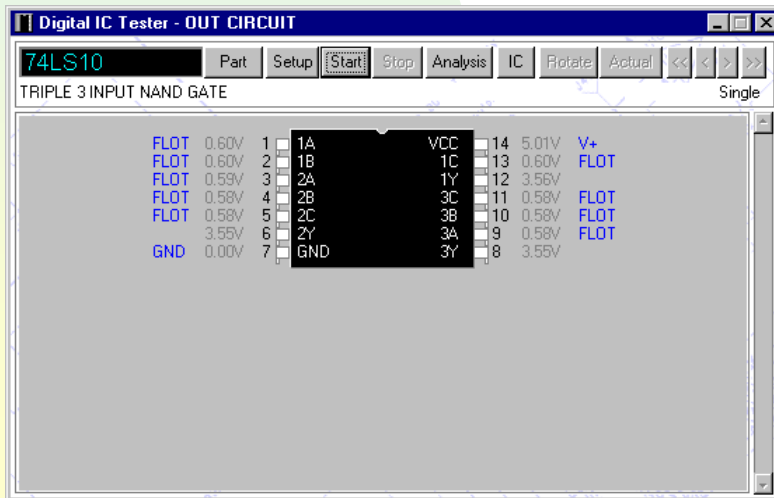
- Circuit compensation allows 'as wired' testing for fast fault-finding

- Programmable logic thresholds
- Logic trace mode to analyse test waveforms
- Automatic clip positioning

Live Comparison

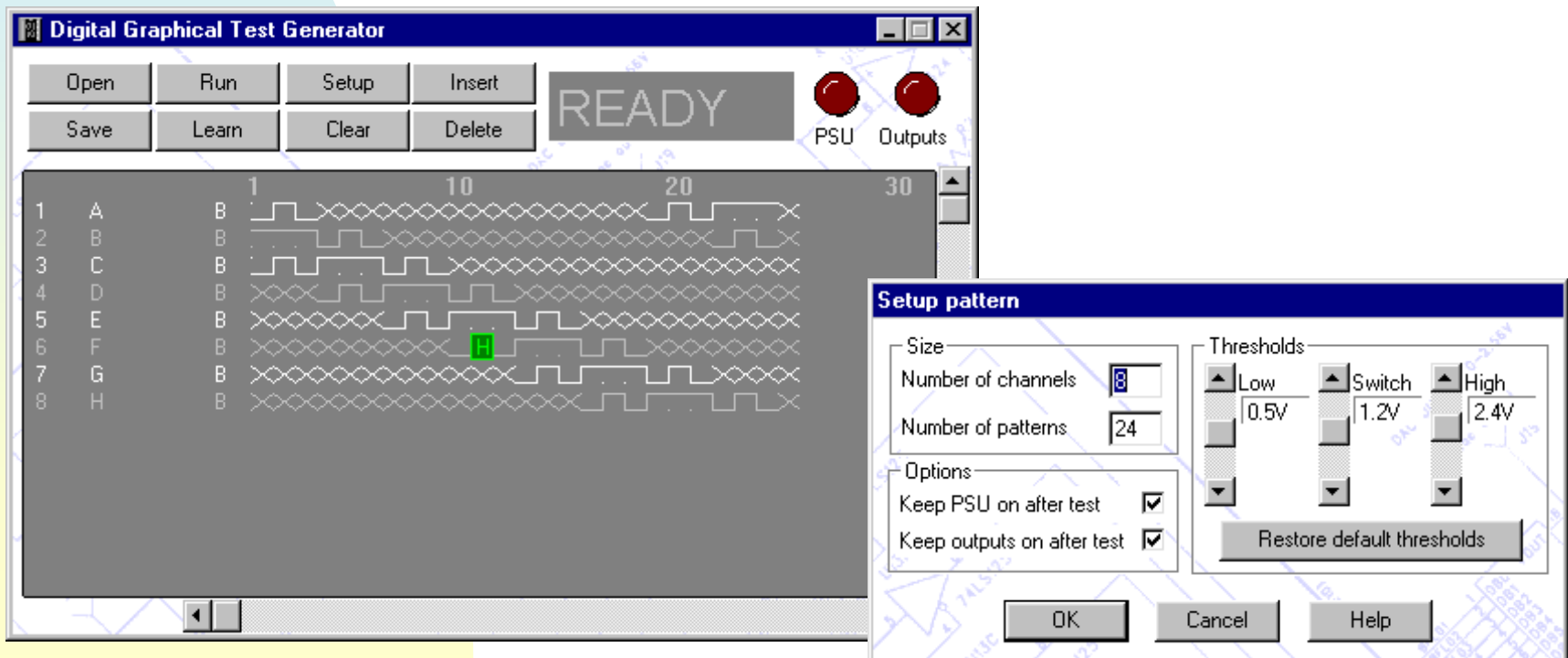


- Compare a faulty PCB with a known good board for both digital and analogue devices
- Compare results from a suspect PCB and a known good PCB at the same time
 - Vary conditions on the good PCB and track changes against the faulty PCB
 - Quickly identify a wide range of faults by comparing both power-on and power-off results



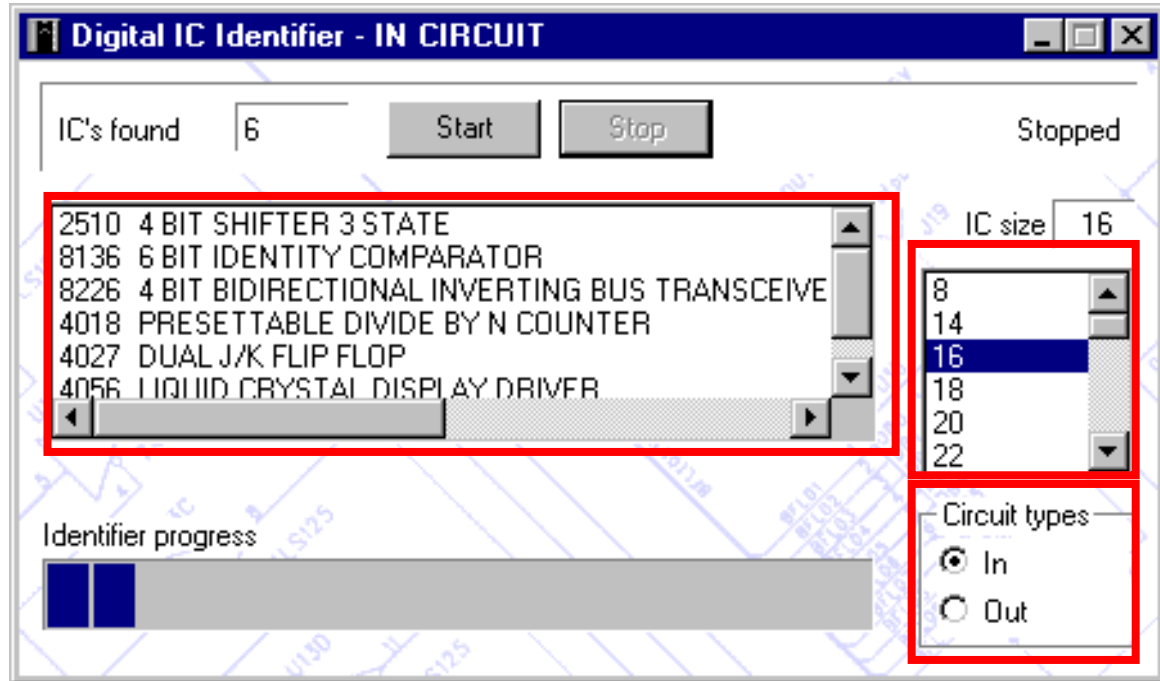
Graphical Test Generator

- Allows a direct graphical interface with available test channels
- User programmable test vectors through use of the mouse
- Auto-learn simplifies the test generation process
- Vectors can be saved to file, loaded and run in TestFlows



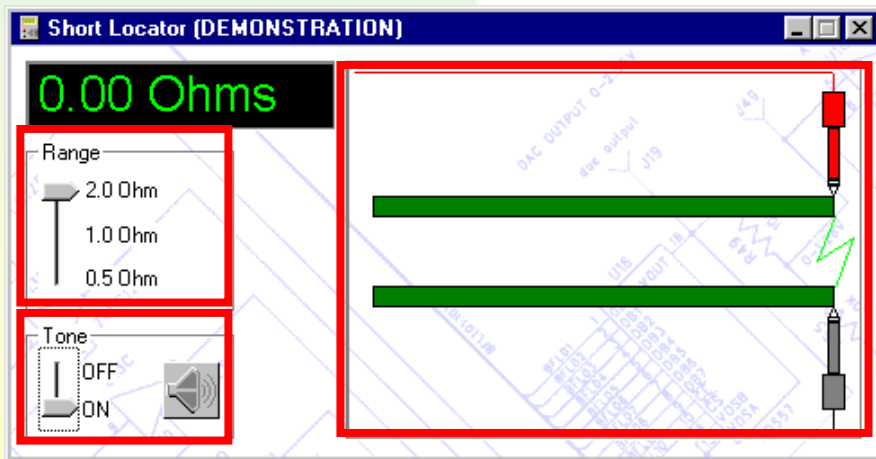
Digital IC Identifier

- Full library search by size
- In-circuit, accounting for all logical connections
- Out-of-circuit with adapter
- Equivalent devices listed (where available) for unknown or illegible ICs
- House coded ICs are normally standard types and easily found within the library



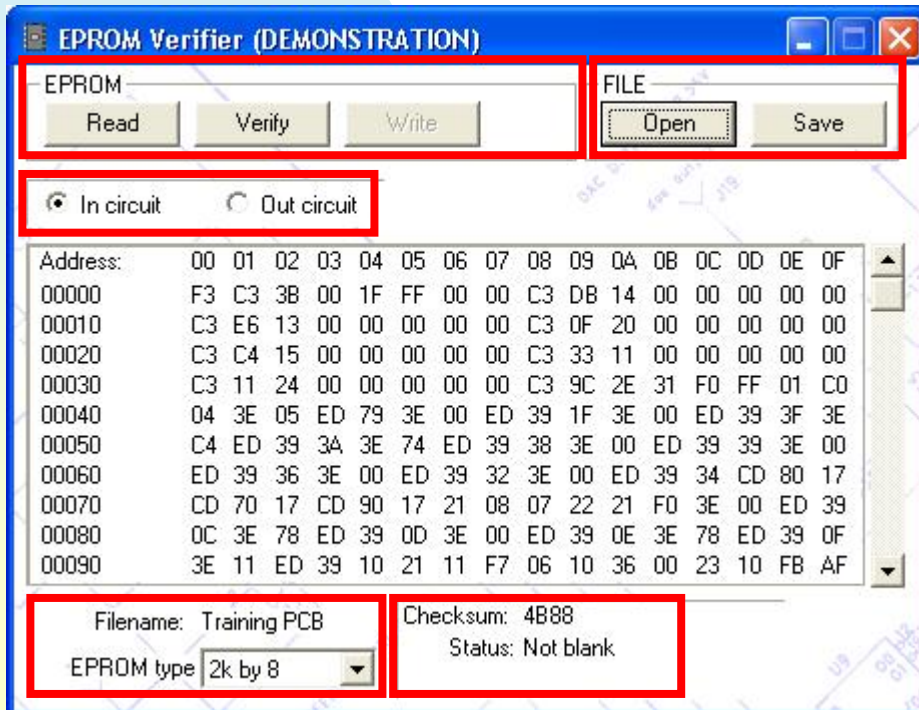
Short Locator

- 3 resistance ranges
- Audible indication of proximity to short
- Audible continuity checker
- Visual indication of proximity to short
- Automatic probe calibration

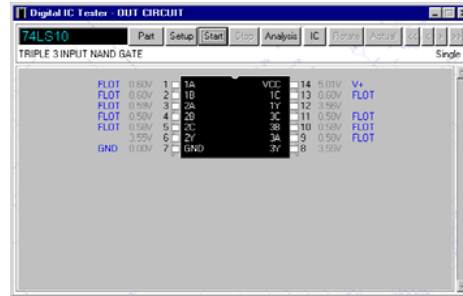


EPROM Verifier

- Read / Verify EPROM file
- Load / Save file
- In / Out Circuit testing
- 16k to 2M EPROMs
- Checksum and Status

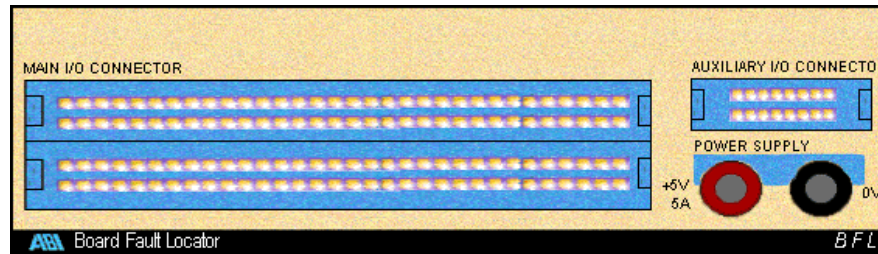
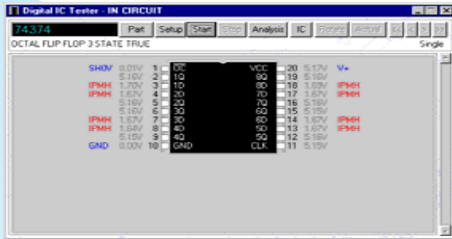
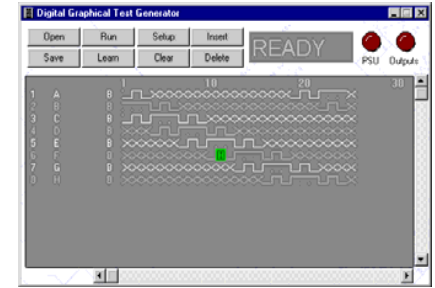


Live Comparison

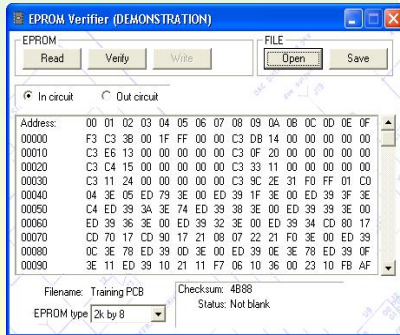


Summary

Graphical Test Generator

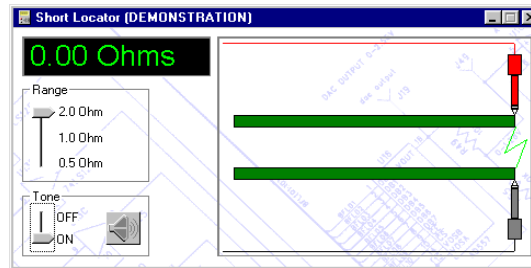


EPROM Verifier



Board Fault Locator

Short Locator



Digital IC Identifier

