

Product Name :
Universal IC Tester

Product Code :
ALABS-A53-013



Description :

Universal IC Tester

IC tester- word processor- mC development system- simple cable tester

It Can test gates, buffers and decoder ICs in-circuit. IC test clip is optionally provided with which the IC could be tested without removing from board. A maximum of six logic inputs could be driven and three logic outputs could be monitored in-circuit testing mode (F9) It is the latest microcontroller based universal IC tester. It functionally tests a wide variety of Analog / Linear ICs including Microprocessor, Microcontrollers, EPROMs, Peripheral devices apart from 74 series of TTL ICs and 40/45 series of CMOS ICs.

Features:

- No personality cards / reference IC / IC Data required.
- ONE mode to test IC Once
- CON Mode to test IC continuously
- STEP mode to test step by step
- Buzzer to indicate bad ICs
- Reliable PC Keyboard to enter IC number and commands
- Potential free 40 pin ZIF socket for easy insertion of IC under test
- Protection against wrong insertion
- Simple cable tester with learn facility.
- Alphanumeric 40 x 2 backlit LCD for displaying messages
- Interface expansion of IC Test Library
- Built in self Test to test hardware, display, Keyboard and buzzer
- Built in Word processor mode which converts system into an Electronic typewrite
- Indigenously developed universal pin driver technology used
- Help message through F1 key

It has facility for expansion of test library through If the data sheets of the new IC is furnished along with sample ICs, we could develop the testing program if the IC is testable. After downloading this test program in the tester, the new IC could be tested.

Technical Specifications:

- Test Range Digital Analog/Linear ICs 6, 8, 14, 18, 20, 24, 28 & 40 Pin in dual in line (DIP) package
- Socket 40 Pin Universal type ZIF (Zero Insertion Force)

- Display 40 x 2 Backlit alphanumeric LCD display
- Keyboard External IBM-PC PS/2 keyboard
- Voltage 230V, AC 50Hz \pm 10%
- Enclosure Sheet Metal cabinet with powder coating and Engraving
- Dimensions 34 x 31 x 9 cm
- Weight 5.5 Kgs. Approximately



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