



It is the latest Microcontroller based Electronic Components Functional Tester. It functionally tests a variety of electronic active components and linear ICs including Diodes, Zener Diode, Transistor, SCR, UJT, FET Operational Amplifiers, Comparators, Transistor Arrays, Optocouplers, Analog switches, Multiplexers, Voltage followers, A to D converters, D to A converters, Timers, VCO, PLL, Waveform Generators, Voltage Regulators, Seven Segment Displays, Relays & Other selected special function analog ICS.

- No Personality cards/reference IC/IC data required.
- Automatic testing of IC after entering the IC number. No wiring is required.
- Continuous mode of testing ICs until aborted. Number of times the test was successful is displayed.
- Step mode to locate the faulty pin. Step number and faulty pin number are displayed.
- Backspace clear select option and number keys for editing IC number.
- Remembers the IC number for repeated testing of same IC.
- Self test facility during power-on and through keyboard.
- Help key for short description of the various key function.
- Potential free 20 pin ZIF (Zero Insertion Force) socket for easy insertion and removal of ICs under test and component holder to hold components.
- Computer Interface through RS232C for enhancement of IC test library
- Buzzer to indicate bad IC.

Note: Specifications are subject to change.

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TEST LIBRARY

Operational Amplifiers

LM101, LM107, LM108, LM112, LM124, LM143, LM144, LM148, LM149, LM158, LM192, LM201, LM207, LM208, LM212, LM216, LM224, LM248, LM249, LM258, LM292, LM301, LM307, LM308, LM312, LM316, LM324, LM343, LM348, LM349, LF351, LF356, LF357, LM358, LM392, LM709, LM714, LM725, LM741(8/14pin), LF747(10/14pin), LM748, LM1458, LM1558, LM2902, LM2924, LM3301, LM3401, HA17080, HA17082, HA17083, HA17084, HA17301, HA17324, HA17358, HA17458, HA17474, HA17558, HA17741(8/14pin), HA17747, HA17747, HA17902, HA17904, UCOPO1, UCOPO2, CA3130, CA3140, TL074, TL084.

Comparators

LM106, LM111(8/14pin), LF11, LM119, LM139, LM160(8/14pin), LM161, LM193, LM206, LM211(8/14pin), LF211, LM219, LM239, LM260(8/14pin), LM261, LM293, LM311(8/14pin), LF311, LM319, LM339, LM360(8/14pin), LM361, LM393, LM710, LH2111, LH2211, LH2311, LM2901, LM3302, HA173302, HA17339, JA17393, HA17901, HA17903,

Transistor Arrays

ULN2001, ULN2002, ULN2003, ULN2004, ULN2005, ULN2064, ULN2065, ULN2066, ULN2067, ULN2068, ULN2069, ULN2074, ULN2075, TD62501, TD62502, TD62503, TD62504, TD62505, TD62506, TD62507, 75064, 75065, 75066, 75067, 75068, 75069, 75074, 75075, 75430, 75446, 75447, 75448, 75449, 75450, 75460, 75465, 75466, 75467, 75468, 75469, 75470, 75491, 75492.

Voltage Regulators (upto +/-15V).

LM78xx, LM79xx.

Miscellaneous Linear Ics.

75182, 75183, 75189, DS7820A, DS7830, DS8820A, DS8830.

Transistors

2n2xxx, 2n3xxx, 2n4xxx, 2N4xxx, 2N6xxx, RCA4xxx, BC1xx, BC2xx, BC3xx, BC5xx, BC6xx, BCWxx, BCYxx, BDIxx, BD2xx, BD4xx, BD5xx, BD5xx, BD5xxx, BFxx, BFXxx, BFRxx, BFYxx, BSSxx, BUxx, BUXxx, MJxxx, MJExx, MJSxx, SL100.

Other Components

Diodes, Zener Diodes, 7 Segment Displays, Relays

Specifications

- 16 Character back lit alphanumeric LCD
- 24 Keys Keyboard
- 20 Pin ZIF socket to test DIPICs.
- Component holder to test Components.
- 230v AC operated table-top equipment

OPTOCOUPLERS

MCT2, MCT2E, 4N25, 4N26, 4N27, 4N28, 4N32, 4N33, 4N35, 4N36, 4N37, 6N135, 6N136, 6N137, 6N138, 6N139, TIL111, TIL112, TIL113, TIL114, TIL115, TIL116, TIL117, TIL118, TIL119, TIL127, TIL128, TIL153, TIL154, TIL155, TIL156, TIL157, TIL181, TIL189, TIL190, MOC3009, MOC3010, MOC3011, MOC3012, MOC20, MOC3021, MOC3022, MOC3023, HCPL2502, HCPL2601, HCPL2630, OP18012, OP18013, OP18014, OP18015.

Analog/Crosspoint Switches.

CD22100, CD4051, CD4052, CD4053, HI200, HI201, HI300, HI301, HI302, HI303, HI304, HI305, HI306, HI307.

Voltage Followers

LM102, LM202, LM302, LM110,(14PIN), LM210(14PIN), LM310,(8/14PIN), LM2110, LM2210,

Timers

LM555, NE555, HA17555

A TO D Converters

ADC0801, ADC0802, ADC0803, ADC0804.

D TO A Converters

DAC0800, DAC0806, DAC0807, DAC0808, HA17008R, HA17408,

VCO

LM566, NE566

Drivers

(RS232)-MC1488, 75188, MC1489, 75189 (RS422)-AM26LS31, AM26LS32.

Waveform Generators.

ICL8038

FET

BF245, BF247, BF256, BF960, BFW10, BFW11, BS107, BSS92, BSS129, E112, E113, E174, E175.

UJT

2N1671, 2N2160, 2N2646, 2N2646, 2N2647, 2N4851, 2N4852, 2N4870, 2N4871

SCR

BT134, BT136, BT137, NT138, BT139, BT151, BT169D(2N6565).

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