

It is the latest Microprocessor controlled linear IC Functional tester. It functionally test a variety of linear ICs including commonly used Operational amplifiers, Comparators, Transistor arrays, Optocouplers, Analog switches, Multiplexers, Voltage followers, Timers, A to D converters, D to A converters, cross point switches and other selected special function analog Ics.



## 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, LM 312, LM316, LM324, LM343, LM348, LM349, LF351, LF356, LF357, LM358, LM392, LM709, LM714, LM725, LM741(8/14pin) LF747(10/14pin), LM748, LM1458, LM1558, LM2902, LM2924, LM 3301, LM3401, HA17080, HA18082, HA17083, HA17084, HA17301, HA17324, HA17358., HA17458, HA17474, HA17558, HA17741(8/14pin), HA17747, HA17747, HA17902, HA17904, UCOP01, UCOP02, CA3130, CA3140, TL074, TI084.

### 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.

### Features:

- 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 id displayed.
- Buzzer to indicate bad IC
- Separate field for display of mode of operation (One/Con/Stp).
- 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 functions
- Potential free 20 pin (ZIF Insertion Force) socket for easy insertion and removal of IC under test
- Computer interface through RS232C for enhancement of IC test library

Note: Specifications are subject to change.

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### OPTOCOUPERS

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 SWITCHES/MULTIPLEXERS

CD4016, CD4066, 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,LM2310.

### TIMERS

LM555, NE555, HA17555

### A TO D CONVERTERS

ADC0801, ADC0802, ADC0803, ADC0804.

### D TO A CONVERTERS

DAC0800, DAC0806, DAC0807, DAC0808, HA 17008R, Ha17408,

### MISCELLANEOUS LINEARICS

75182, 75183, 75189, DS7820A, Ds7830, DS8820A, Ds8830, Mc1489

### Technical Specifications:

Package	Linear ICs and Analog & digital combined ICs of 6 , 8, 10, 14, 16, 18, 20, pins dual in line. (Also round pack if inserted after bending leads to suit DIP)
Range	Operational amplifiers, Comparators, Transistor arrays, Optocouplers, Analog switches, Multiplexers, Voltage Followers, Timers, A to D converters, D to A converters and other selected special function analog ICs,
Method	Output test with simulated inputs and at nominal loads. It performs only functional test and not parameter test.
Socket	20 pin DIP ZIF
Keyboard	24 feather touch keys
Display	16 character LCD dot matrix display
Voltage	230V ± 10% 50Hz AC
Enclosure	Sheet metal box with powder coating and screen printing