



## IC TESTER TESTS MICROPROCESSORS TOO!

It is the latest MICROPROCESSOR based Digital IC Testers. It functionally tests a variety of digital ICs including Microprocessors, Peripheral ICs, EPROMs, RAMs, etc., apart from the standard 74 & 54 series of TTL ICs and 40 & 45 series of CMOS ICs.

### Features

- No. personality cards / reference IC/IC data required.
- Automatic testing of ICs at 4.75V & 5.25V to locate marginally bad ICs.
- Continuous mode for testing ICs until Aborted. Number of times the test was successful if displayed.
- Step mode to locate faulty pin through discrete LEDs for find the number of unknown good digital IC with facility to locate its functional equivalents for ICs upto 20 pins
- Memory test for EPROM indicates non blank location address with data content. For RAMs bad location address is displayed.
- Buzzer to indicate bad IC,
- Separate field for display of mode of operation (ONE/CON/STP)
- Current drawn is displayed in s separate field for Good ICs.
- Backspace, clear and double digit entry keys for editing IC number
- Remembers IC Numbers for repeated testing of same IC.
- SELFTEST facility during power ON and through keyboard
- Potential free 20 pin and 40 pin ZIF (zero insertion force)
- Protection against wrong insertion of IC under test.

Note: Specifications are subject to change.

### *Tesca Technologies Pvt. Ltd.*

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,  
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,  
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com  
Website: www.tesca.in

### Test Library

MICROPROCESSORS	8085	8086	8088	Z80CPU (8400)	6502					
PERIPHERAL ICs	8253	8255	8259	8279	8155	8205	8212	8216	8226	8123 8555
Memory Ics	8121	8221	8251	Z80PI0 (8420)						
	2716	2732	2764	27128	27256	27512	2147	6116	6264	62256 4164

74 and 54 series TTL/CMOS ICs (All versions as applicable)							
7400	7401	7402	7403	7404	7405	7406	7407
7408	7409	7410	7411	7412	7413	7414	7415
7416	7417	7418	7419	7420	7421	7422	7424
7425	7426	7427	7428	7430	7432	7433	7437
7438	7439	7440	7442	7443	7444	7445	7446
7447	7448	7449	7450	7451	7454	7464	7470
7472	7473	7474	7475	7476	7477	7480	7482
7483	7485	7486	7487	7490	7492	7493	7494
7495	7496	74101	74102	74103	74106	74107	74108
74109	74112	74113	74114	74125	74126	74128	74132
74133	74134	74135	74136	74137	74138	74139	74140
74145	74147	74148	74150	74151	74152	74153	74154
74155	74156	74157	74158	74160	74161	74162	74163
74164	74165	74166	74168	74169	74170	74173	74174
74175	74176	74177	74180	74181	74182	74190	74191
74192	74193	74194	74195	74196	74197	74199	74240
74241	74242	74243	74244	74245	74247	74248	74249
74251	74253	74256	74257	74258	74259	74260	74266
74273	74279	74280	74283	74290	74293	74295	74298
74299	74347	74350	74352	74353	74363	74364	74365
74366	74367	74368	74373	74374	74375	74377	74447
74490	74534	74540	74541	74563	74564	74573	74574
74640	74641	74642	74645	74670	96101	96103	96106
9300	9301	9302	9309	9321	9322	9324	9346
Ds7810	DS7811	DS7812	DS7819	DS8810	DS8812	DS8819	DS7810

40 and 45 series CMOS Ics			
4000	4001	4002	4006
4008	4009	4010	4011
4012	4013	4014	4015
4017	4018	4019	4020
4021	4022	4023	4024
4025	4026	4027	4028
4029	4030	4032	4033
4034	4035	4037	4038
4040	4041	4042	4043
4044	4048	4049	4050
4051	4052	4053	4063
4066	4068	4069	4070
4071	4072	4073	4075
4076	4077	4078	4081
4082	4085	4086	4093
4094	4095	4096	4099
40101	40102	40103	40104
40106	40107	40117	40147
40160	40161	40162	40163
40174	40175	40182	40192
40193	40194	40195	40257
40518	4501	4502	4503
4506	4508	4510	4511
4512	4513	4514	4515
4516	4518	4519	4520
4529	4530	4531	4532
4543	4553	4554	4555
4556	4560	4561	4572
4724	4584	4585	

### Technical Specifications

Package	:	Digital ICs of 14, 16, 18, 20, 24, 28 & 40 pins dual in line.
Range	:	Tristate, open collector & bidirectional. TTL/CMOS ICs.
Method	:	Truth table comparison.
Sockets	:	20 and 40 pin ZIF.
Keyboard	:	24 feather touch keys.
Display	:	16 digit 0.5" Seven segment LED display
Voltage	:	230volts + 10% 50Hz, AC
Enclosure	:	Sheet metal box with powder coating and engraving
Dimensions	:	31 x 30 x 8cm.
Weight	:	4.5 Kgs. appr.

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