

# ICT-7A

## Linear IC Tester

### Introduction

The new ICT-7A is a desktop IC Tester to determine the quality of linear ICs. It automatically tests IC without keying in IC part number. Built in a 3-PIN regulated socket for user to test Regulator ICs.



- Standard Accessories**
- Main unit.....x1
  - User manual.....x1
  - AC power cord.....x1

### Features

- Reliable desktop design.
- User friendly.
- 16x1 character 8x5 dot matrix LCD backlight display.
- Built in 6 function keys and 10 numerical keys.
- The following IC series can be tested under +/-5 ~ +/-24V. TIMEER, OP AMP, COMPARATOR, REGULATORS, ZENER, PHOTO COUPLER, COMMUNICATIONS IC, DIRVER, SWITCHING POWER SUPPLY IC.
- Automatically identify the unknown ICs and list the part number of the IC that has same function.
- Various "BUZZER" sounds to present the test result "FAIL" or "PASS".

### Specification

Button/ Switch	6 Function Keys : TYPE, AUTO, BEEP, TEST, SEARCH, ←
	10 Numeric Keys : 0-9
	Test Socket, Double binding posts
Display	16 character LCD display
Test Socket	One position for 24-pin IC socket
Power	110V AC~220V AC
Frequency Range	50/60 Hz
Buzzer	Various tones for the test result
Dimension	335 x 300 x 105mm
Weight	1.5Kg
Operating Humidity	90% (non-condensing)
Temperature	+10°C ~ +40°C

### Device Supported

<b>OP (OPERATIONAL AMPLIFIERS, COMPARATORS)</b>											
LM101	LM107	LM108	LM113	LM124	LM148	LM158	LM201	LM207	LM208	LM218	LM224
LM248	LM258	LM307	LM308	LM310	LM318	LM324	LM348	LM358	LM458	LM2900	LM2902
LM2904	LM3900	LMC660	CA358	CA3130	CA3140	CA3160	CA3240	CA3260	CA3401	TL022	TL061
TL062	TL064	TL071	TL072	TL074	TL081	TL082	TL084	TL094	MC3303	MC3403	MC3503
MC34004	NE5532	NE5534	LF347	LF351	LF353	LF355	LF356	LF357	LF411	LF412	ICL7611
ICL7621	ICL7641	ICL7642	AD648	AD711	AD712	LT1013	LT1014	RC4558	uA741	uA747	uA748
OP07	OP27	OP37	OP42	OP90	OP97	OP290	OP490	TLC252	TLC272	LP124	LP324
HA17324	uPC451	C4082									
<b>COMPARATORS</b>											
LM139	LM193	LM239	LM293	LM339	LM393	LM2901	LM2903	LM3302	LP239	LP339	LP2901
TLC339	TLC393										
<b>OPTO (OPTOCOUPERS)</b>											
4N25	4N26	4N27	4N28	4N29	4N32	4N33	4N35	4N36	4N37	4N38	4N45
4N46	CNY75	H11A1	H11B1	H11D1	H11D2	H11D3	H11D4	K827P	K847P	MCT2	PC817
PC827	PC837	PC847	TIL111	TIL116							
<b>VOLTAGE REGULATORS</b>											
uA7805, . (LM2930-5.0, LM2931-5.0, LM2940CT-5.0)											
uA7806	uA7808	uA7809	uA7810	uA7812	uA7815	uA7818	uA7824	uA7905	uA7908	uA7912	uA7915
uA7924	LM217	LM317	Zener								
<b>REG. (VOL TAGE REGULATORS)</b>											
NE555	NE556	TLC555	TLC556	4016	4066	LM723					
<b>TRANSISTOR ARRAY</b>											
ULN2001	ULN2003	ULN2004	ULN2005								