

LEAPER-1A

Handy Digital IC Tester

Introduction

LEAPER-1A is a portable IC Tester that is especially designed for digital ICs. It has 24-PIN ZIF socket to suit different digital ICs. No PC is required to operate LEAPER-1A, it works complete in stand-alone mode through power adaptor or batteries.



- Standard Accessories**
- Main unit.....x1
 - User manual.....x1
 - DC 9V/500mA
 - Power adaptor.....x1
- Optional Accessories**
- SOP, SSOP , TSSOP adaptor

Features

- Easy-operating, particularly designed for the digital ICs.
- Support low voltage device test
Voltage range: 2.5V/3.0V/3.3V/5V
Device type:
54/74 xxxx TTL series
40/45/14xxx CMOS series
20xx/28xx Driver IC series
LEAPER-1A also supports other digital ICs which have same logic function as supported digital ICs.
- Provide idle mode for saving power.
- High-test speed: Generally test an IC in 0.6 second.
- Small, portable, light and power-saving, usable with batteries.
- Display: 16 characters in 1 line LCD.

Specification

Display	16 x 1 character LCD
Test Pins	14~24 pin
Power	DC 9V/500mA or 9V Alkaline battery x 2
Dimension	160 x 110 x 45mm
Test Voltage	2.5V / 3.0V / 3.3V / 5.0 VDC
Alarm	Various tones for the test result
Weight	312g
Operating Altitude	up to 5000m
Operating Humidity	90% (non-condensing)
Temperature	+5°C~+45°C

Device Type

- 74 Series
- 40 Series
- 45 Series
- Driver

Device Supported

74 Serial	7400	7401	7402	7403	7404	7405	7406	7407	7408	40 Serial	4000	4001	4002	4006	4007	4008	4009	
	7409	7410	7411	7412	7413	7414	7415	7416	7417		4010	4011	4012	4013	4014	4015	4016	
	7418	7419	7420	7421	7422	7423	7424	7425	7426		4017	4018	4019	4020	4021	4022	4023	
	7427	7428	7430	7432	7433	7434	7435	7436	7437		4024	4025	4026	4027	4028	4029	4030	
	7438	7439	7440	7441	7442	7443	7445	7446	7447		4031	4032	4033	4035	4038	4040	4041	
	7448	7449	7450	7451	7453	74H54	7454	7455	7460		4042	4043	4044	4048	4049	4050	4051	
	7463	7464	7465	7470	7472	7473	7474				4052	4053	4054	4056	4060	4063	4066	
	7475	7477	7478	74H78	7480	7481	7482	7483	7484		4067	4068	4069	4070	4071	4072	4073	
	7485	7486	7487	7489	7490	7491	7492	7493	7494		4075	4076	4077	4078	40H78	4081	4082	
	7495	7496	74105	74107	74109	74110	74111	74112	74113		4085	4086	4093	4094	4095	4096	4097	
	74114	74116	74125	74126	74128	74132	74134	74135	74136		4099	40100	40101	40102	40103	40104	40106	
	74137	74138	74139	74140	74141	74142	74143	74144	74145		40109	40110	40147	40160	40161	40162	40163	
	74147	74148	74150	74151	74152	74153	74154	74155	74156		40174	40175	40181	40182	40192	40193	40194	
	74157	74158	74159	74160	74161	74162	74163	74164	74165		40257							
	74166	74168	74169	74170	74173	74174	74175	74176	74177		45 Serial	4501	4502	4503	4504	4506	4508	4510
	74178	74179	74180	74181	74182	74183	74184	74185	74189		4511	4512	4513	4514	4515	4516	4517	
	74190	74191	74192	74193	74194	74195	74196	74197	74198		4518	4519	4520	4522	4526	4527	4529	
	74199	74230	74231	74240	74241	74242	74243	74244	74245		4532	4539	4543	4551	4553	4555	4556	
	74246	74247	74248	74249	74251	74253	74257	74258	74259		4560	4561	4566	4572	4581	4584	4585	
	74260	74265	74266	74273	74274	74276	74279	74280	74283		Driver	ULN2001	ULN2003	ULN2004	ULN2005	ULN2803	ULN2804	
	74289	74290	74293	74295	74298	74299	74322	74323	74347									
	74348	74350	74351	74352	74353	74363	74364	74365	74366									
	74367	74368	74373	74374	74375	74377	74378	74379	74382									
	74386	74390	74393	74395	74399	74412	74425	74426	74445									
	74447	74465	74466	74467	74468	74490	74518	74519	74520									
	74521	74522	74533	74534	74539	74540	74541	74563	74564									
	74574	74573	74576	74580	74597	74620	74621	74622	74623									
	74638	74639	74640	74641	74642	74643	74644	74645	74646									
	74647	74652	74654	74668	74669	74670	74682	74683	74684									
	74685	74688	74689	74795	74796	74797	74798	74804	74805									
	74808	74810	74811	74821	74827	74832	74841	74874	741000									
	741002	741003	741004	741005	741008	741010	741011	741020	741034									
	741035	741036	741244	741245														
	74H54 (749054)	74H78 (749078)			40H78 (409078)													