

Universal PGA IC Inserter and Extractor



- Fits any size PGA from 16 16 to 22 22
- Static Safe
- Prevents damage to exposed IC pins
- High quality, robust metal construction
- Large knurled disc provides effortless lifting/lowering
- Designed to accommodate PGA heatsinks up to 15mm overall height

Mfrs. List No. TW2400 = 877-621, TW2300D = 877-610.

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	Order Code	1+	Price Each	5+
Inserter	877-621			
Extractor	877-610			

PLCC Insertion Tools



- Slimline, pencilstyle tools
- Vacuum trigger operated
- 877-633 is supplied with interchangeable suction heads
- Static safe

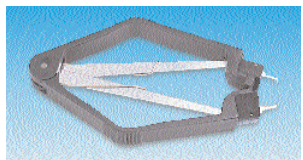
Mfrs. List No. TW2250-28/44 = 877-633,
TW2250-68/84 = 877-645

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PLCC Size	Order Code	1+	Price Each	5+	25+
28 to 44	877-633 †				
68 to 84	877-645 †				

† Available until stocks are exhausted

PLCC Extraction Tools



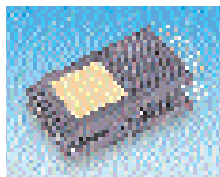
A well designed and easy to use tool suitable for different sizes of socket. The tool fits into two opposite corners of the socket and the chip is drawn out of the socket by squeezing the plastic arms of the tool, giving positive protection for both chip and socket.

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Order Code	1+	Price Each	5+	10+
.517-082				

IC Test Clips

DIL IC Test Clip/Extractor



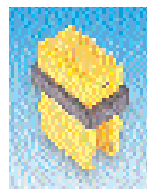
- Unique design provides accurate, reliable contact
- Non-shorting, positive spring clamping
- Narrow nose for greater dexterity in densely populated boards
- Exposed contacts allow probing at IC legs
- Phosphor bronze contacts
- Glass filled polyester body, UL94V-0 rated

Mfrs. List No. 923690-xx, where xx = No. of ways, except 178-274 = 923689-24

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	Order Code	1+	Price Each	10+	25+
0.3" (7.62mm) Row Spacing					
8 way	178-270				
14 way	178-271				
16 way	178-272				
20 way	178-273				
24 way	178-274				
0.6" (15.24mm) Row Spacing					
24 way	178-275				
28 way	178-276				
40 way	178-277				

DIL IC Test Clip



The IC test clip is the ideal tool for testing DIL IC's in situ, and will hold firmly to the IC even on densely packed PC boards. Test probes may be attached to the tester pins.

The body is of yellow acetal polymer with a black nylon sliding band for minimum friction. The phosphor bronze contact pins are gold over nickel plating, which achieves the low contact resistance required on such a tool.

Mfrs. List No.

ICTC1416 = 103-957, ICTC2428 = 103-958, ICTC40 = 103-959

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	Order Code	1+	Price Each	10+	25+
14/16 way	103-957				
24/28 way	103-958				
40 way	103-959				

SOIC, PLCC and PQFP Test Clips and Leads



0.64 skt-0.64 skt SOIC/PLCC Lead length = 250
0.64 skt-1.0 pin SOIC/PLCC Lead length = 250
0.64 skt-4.0 plug SOIC/PLCC Lead length = 1000

- Wide range
- Short circuit protected
- Strong springs/clips
- Gold plated beryllium copper contacts

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	Mfrs. List No.	Order Code	1+	Price Each	5+	10+
SOIC						
14 way	SOIC-T-14	517-100				
16 way	SOIC-T-16	517-112				
20 way	SOIC-T-20	517-124				
24 way	SOIC-T-24	517-136				
PLCC						
20 way	PLCC-T-20	517-148 †				
28 way	PLCC-T-28	517-150				
32 way	PLCC-T-32	517-940				
44 way	PLCC-T-44	517-951				
52 way	PLCC-T-52	517-963				
68 way	PLCC-T-68	517-975				
84 way	PLCC-T-84	517-987				
PQFP (JEDEC)						
100 way	JEDEC-T-100	517-999				
132 way	JEDEC-T-132	518-001				
196 way	JEDEC-T-196	518-013 †				
Leads			1+	10+	100+	
0.64 skt-0.64 skt Blk		518-025				
0.64 skt-1.0 pin Blk		518-037				
0.64 skt-4.0 plug Red		518-049				
0.64 skt-4.0 plug Blk		518-050				

† Available until stocks are exhausted

PLCC



These test clips are for the easy and convenient testing of surface mounted Plastic Leaded Chip Carrier (PLCC) IC's. Strong helical compression springs and insulating contact combs ensure integrity during testing. The clips allow testing of IC's with as little as 0.2" (5.08mm) row to row spacing between devices.

Probes or single row female socket connectors will connect to the 0.025" (0.64mm) square contacts on 0.1" (2.54mm) centres.

Mfrs. List No. 923670-xx, where xx = No. of ways

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	Order Code	1+	Price Each	5+	10+
28 way	178-285				
44 way	178-286				
68 way	178-287				
84 way	254-228 †				

† Available until stocks are exhausted