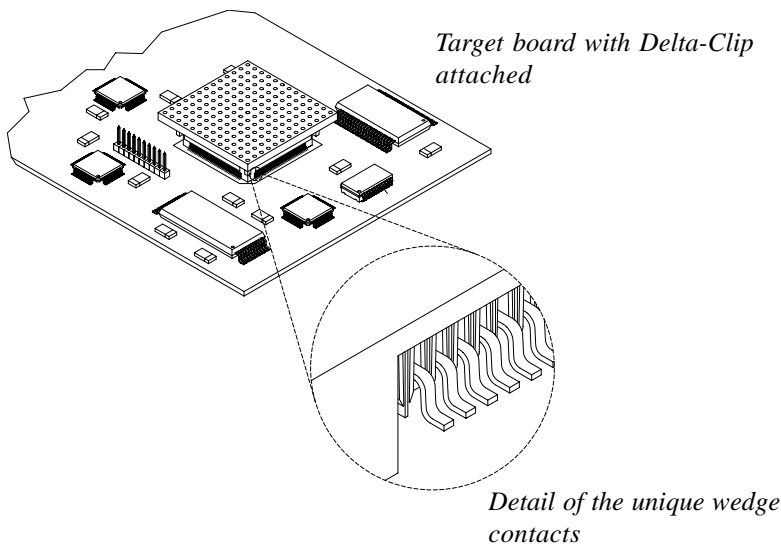


The Delta-Clip, High density Clip-on adapters

The Delta-Clip Clip on adapter for QFP, SSOP and TSOP devices



QFP, SOIC, & TSOP TestClips

Adapters.com has NEW test clips

Our high density IC package TestClips are for QFP, SOIC, to TSOP packages. The Delta clip is designed to wedge onto your IC with little or no IC keepout area, and then it does something no other IC testclip on the market does -- it stays on.

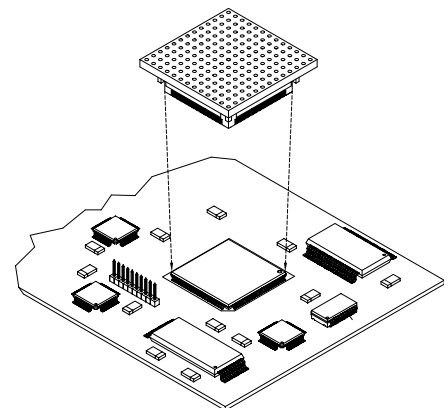
True hands free testing. Reliable, consistent access to all your fine pitch high density surface mount IC's.

IMPORTANT INFORMATION!

What makes these test clips so unique? The problem of attaching to fine pitched devices has been an issue in the industry for a long time. The reason is that IC packages strictly adhere to footprint standards, but there is enough deviation in the body molding from one plant to the next that grabbing onto and maintaining connections is tricky. Thus more information about the chip is required to guarantee a perfect fit.

QFP-DELTA CLIP

The QFP-DeltaGrip Clip is an off-the-shelf clip for popular QFP packages. It is tested to work with popular pin counts. You will need to provide all critical dimensions for your IC, including the thickness.



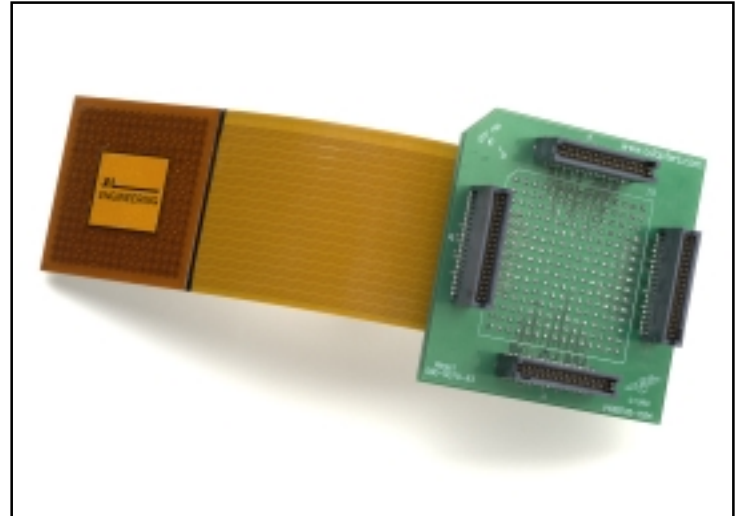
Virtually no IC keep out area!

QUICK ORDER GUIDE; DETERMINE:

- Package type and ALL critical dimensions including: pitch, package width and pin count (see page 4)
- Send a package sample if available

QFP IC Testclips

Qfp IC package	Test Interface	Part Number
80 pin .5mm	.1 WW test points	150-6926-10
80 pin .65mm	.1 WW test points	150-6933-10
100 pin .5mm	.1 WW test points	150-7026-00
100 pin .65mm R	.1 WW test points	150-7033-00
120 pin .5mm R	.1 WW test points	150-7092-10
128 pin .5mm R	.1 WW test points	150-7110-15
128 pin .8mm	.1 WW test points	150-7115-10
132 pin "Jedec" Motorola	.1 WW test points	150-7135-00
132 pin "Jedec" Intel	.1 WW test points	150-7135-10
144 pin .5mm	.1 WW test points	150-7177-05
144 pin .65mm	.1 WW test points	150-7187-00
160 pin .65mm	.1 WW test points	150-7234-05
208 pin .5mm Pqfp	.1 WW test points	150-7413-10
208 pin .5mm Mqfp	.1 WW test points	150-7413-30
240 pin .5mm	.1 WW test points	150-7505-55



Testclip with PGA-PGA flex cable

Flex Extenders, Clip Combos

Flex Extenders	Interface	Part Number
169 Pga 13*13 80-100 pin qfp	Female-Female	110-7960-00
256 Pga 16*16 144-240 pin qfp	Female-Female	110-7975-00
208 pin .5mm with Flex	.1 WW test points	150-7414-00
240 pin .5mm with Flex	.1 WW test points	150-7506-00

SSOP & TSOP Testclips

Qfp IC package	Test Interface	Part Number
32 TSOP .5mm	.050 Sq. test points	150-7968-00
40 TSOP .5mm	.050 Sq. test points	150-8018-00
48 TSOP .5mm	.050 Sq. test points	150-8082-00
56 SSOP .8mm	.050 Sq. test points	150-8130-00
Transition Pcb 32-48 tsop	.050 Sq. test points	210-7168-50
Transition Pcb 56 ssop	.050 Sq. test points	210-7310-55

Cross-Flex adapters

Qfp IC package	Test Interface	Part Number
80 pin	11*11 cross flex	150-7655-00
100 pin	11*11 cross flex	150-7658-00
128 pin	13*13 cross flex	150-7660-00
132 pin	13*13 cross flex	150-7662-00
144 pin	13*13 cross flex	150-7665-00
160 pin	15*15 cross flex	150-7668-00
184 pin	15*15 cross flex	150-7671-00
208 pin	16*16 cross flex	150-7676-00
240 pin	16*16 cross flex	150-7680-00