

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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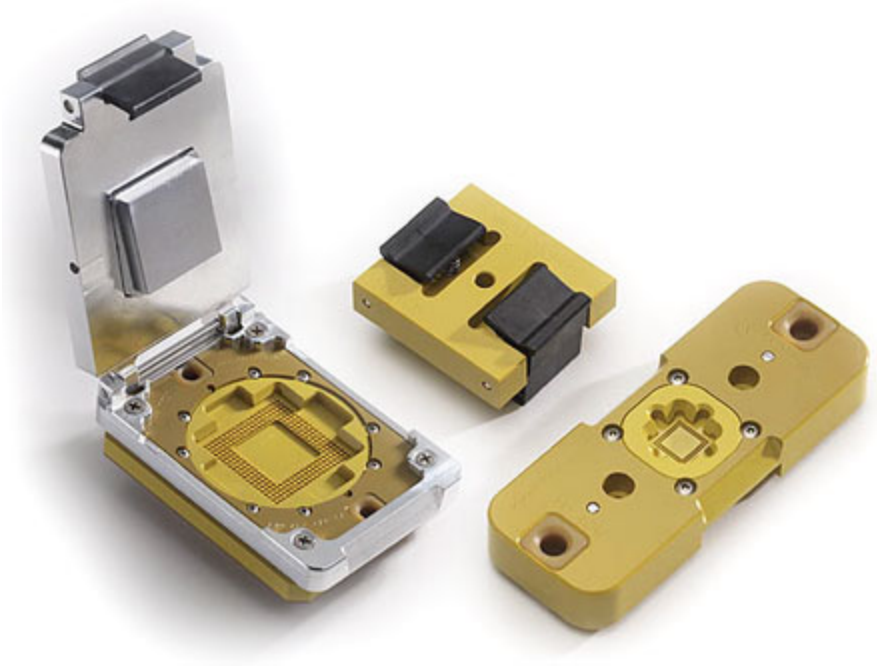
Visit our website - *Click HERE*

High Performance Test Home Site

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High Performance Test is a leading supplier of custom test sockets to the semiconductor industry

High Performance Test
48531 Warm Springs Blvd., Suite #413
Fremont, CA 94539
Tel: (510)445-1182
Fax: (510)445-1183
info@hptestusa.com



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High Performance Test, Inc. - Features

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Features

- Spring Loaded Double Ended Contacts
- Compression Mount/Solder Less
- Low Profile
- Low Contact Force
- Frequency >3 GHz
- Repairable
- Custom and Standard Designs



Auto Handler Chip Scale IC Test Socket



Isometric View

Consider These Advantages

- Low Cost
- Repairable
- Quick Delivery
- Best Service

High Performance Test, Inc. - Customizatio

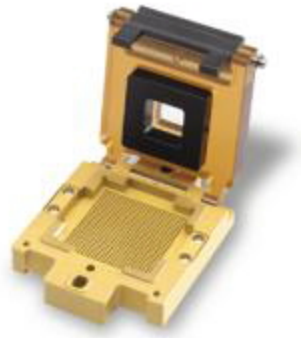
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Customization

- Custom Designed IC Test Sockets Are Available for All Kinds of Standard/Non Standard Packages Such As Micro BGA, CSP, PBGA, QFP, TAB (TCP), CQFP, PGA and LGA.
- Custom Designed Through Hole and Surface Mount Foot Prints and Outside Dimensions to Fit Any Existing Hardware, DUT Board, Docking Plate, etc.



Delta Flex® Compatible PBGA IC Test Socket



Cross Sectional View

Socket Receptacles

- Easy Socket Replacement of Any Make of Socket
- Socket Replacement without Desoldering

High Performance Test, Inc. - Applications

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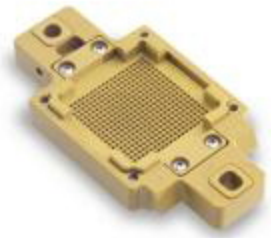
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Applications

- Production Test
- Engineering Evaluation
- BIAS Humidity (85/85) Reliability Test
- HAST
- Burn In
- Hand Test and Automated Test



Delta Flex® Compatible QFP
IC Test Socket



Delta Flex® Compatible PBGA
IC Test Socket

Substrate Material

- Torlon, ULTEM, PEI, pes, VESPEL

Contact Material

- Typically Gold Plated Beryllium Copper

High Performance Test, Inc. - Specifications

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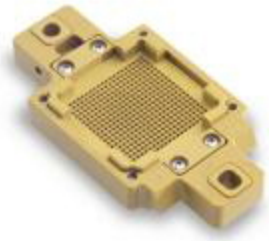
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Mechanical Specifications

- Temperature Range: 50o C to +150o C
- Typically 100,000 Cycles, up to 300,000
- Cycles for 1.27 Pitch BGA
- Minimal Solder Ball Deformation
- Compliance for Co-planarity Variations



0.5 mm Pitch Micro-BGA HAST SocketCompQd



Delta Flex® Compatible PBGA IC Test Socket

Electronical Specifications

- 50 ohms Characteristic Impedance
- Low Inductance, 0.4 nH
- Frequency >3 GHz
- Low Capacitance, 0.03pF to .06 pF
- Electrical Current Rating: 5.0 Amp

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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