

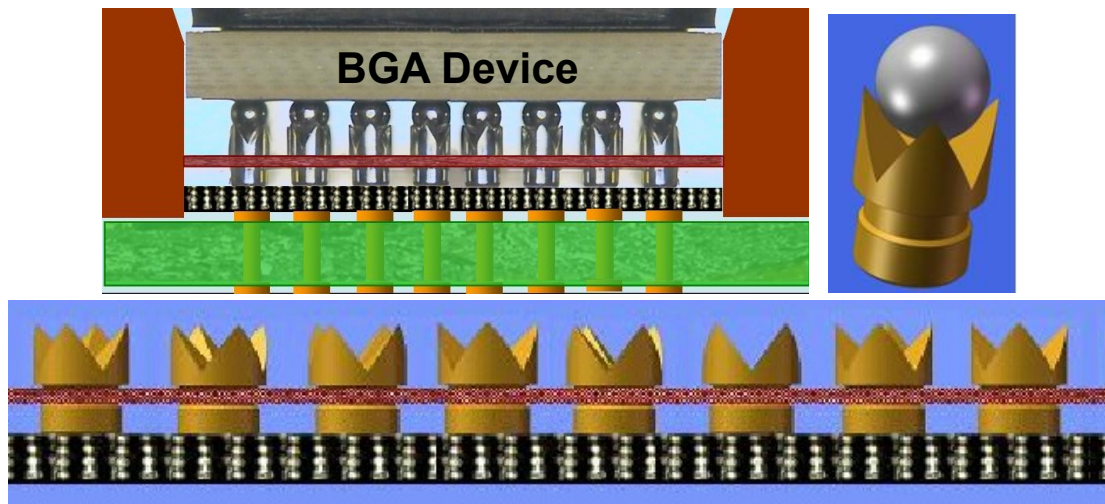
PariProbe® BGA Contactor Family

Working in Today's World means that electronic devices are smaller, faster, smarter, and far more complex than ever before.

The need for packaged devices operating at very high frequencies presents a new set of challenges in both the test and production environments.

Paricon Technologies has combined the best of Crown contact design with the PariPoser® contact system to create a BGA contact that provides un-matched electrical performance at the lowest cost of ownership. The unique, patented design allows the rapid manufacture of BGA test sockets for all size devices.

By using a PariProbe Socket, true system cost may be greatly reduced.



FEATURES AND BENEFITS.....

- Insertion Loss - < 1 dB loss at 40 GHz
- Contact Mechanical Length - < 1mm
- Contact Electrical Length 4-9 ps *
- Characteristic Impedance - 47-57 Ω*
- DC Resistance - <30 mΩ
- Capacitance - <0.2mm
- Inductance - 0.1-0.4 nh *
- Return Loss - >-10dB at 40 GHz
- VSWR - better than 2:1 at 40 GHz
- Delay - <5 ps*
- Contact Pitch - 1.0 to 0.4 mm

* Varies with contact pitch

Markets....

- Telecom
- Computer
- Instrumentation
- Medical
- Automotive
- Military
- Space

Applications....

- Memory
- Processor
- Test Fixtures
- Military Equipment
- Ground and Flight Space Application

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PariPoser® Interconnect Technology

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