

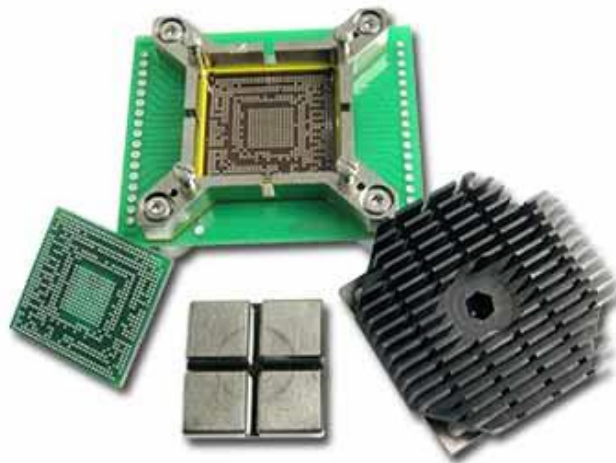


Ironwood
ELECTRONICS

Sockets for High Speed Applications

Ironwood introduces the 0.3mm pitch GT socket with bandwidth up to 75 GHz !!

EAGAN, MN - September, 2015 - Ironwood Electronics is proud to offer an extension of our GT-BGA socket product line. GT-BGA368 and GT-BGA1800 were developed for 0.3mm pitch devices and have proven successful in the field. The GT product line utilizes a unique contact technology at an extremely low cost. GT is a new elastomer technology that has silver particles held in a conductive column like buttons which are embedded in a non-conductive polyamide substrate. The GT product offers high compliance and extreme temperature ranges. GT is available for all package types including BGA, LGA, QFN, and PoP with pitches from 0.3mm to 1.27mm.



75GHz BGA socket with Heat Sink

Typical specifications for the GT contact technology include:

- Contact resistance <30 mOhms
- Bandwidth >75GHz @-1dB (simulated)
- Force 50-80grams per contact
- Operating temperature -55 to +160°C
- Insertion/Extraction cycles >1000
- Contact length (compressed): 0.08mm
- Compliance: 0.15mm

GT sockets are small footprint sockets and compatible with our GHz elastomer and spring pin socket lines.

Custom design and short lead-time is our specialty.

For more information on GT sockets, please visit our website:

http://www.ironwoodelectronics.com/products/sockets/silver_button_sockets.cfm

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B.C.E. S.r.l. - Via Regina Pacis, 54/c - I 41049 Sassuolo (MO), Italy

Tel: (+39) 0536 811616

Fax: (+39) 0536 811500

E-mail: bce@bce.it

Web: www.bce.it