



**Ironwood**  
ELECTRONICS

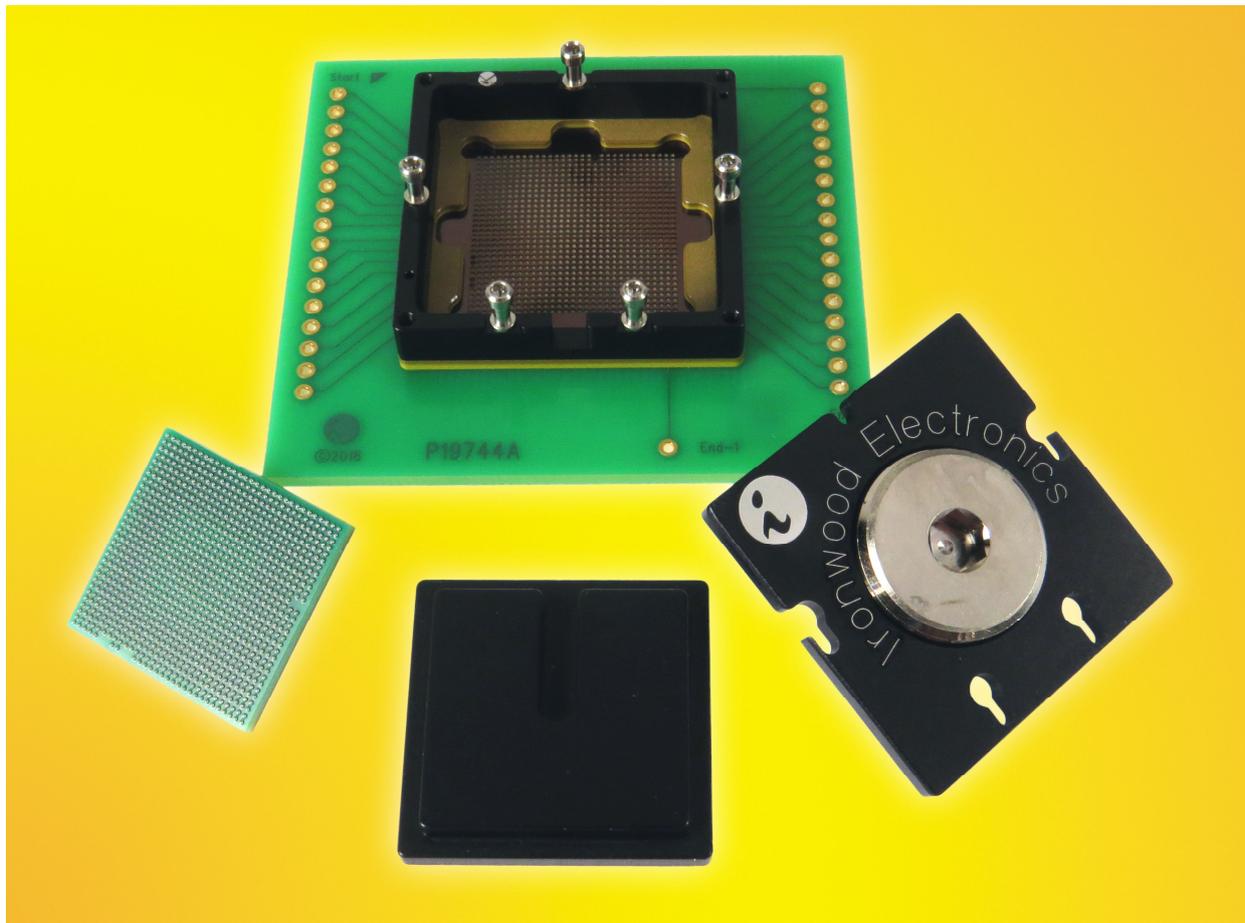


**High Performance**  
**Sockets & Adapters**

### 75GHz BGA Socket for FCBGA955

*Quickly and easily Socket your 0.65mm pitch 31x31 array, BGA955 packages on any application board with performance equivalent to direct solder version*

EAGAN, MN - September, 2018 - Ironwood Electronics has recently introduced a new BGA socket design using high performance elastomer capable of 75GHz, very low inductance and wide temperature applications. The GT-BGA-2086 socket is designed for 21x21 mm package size and operates at bandwidths up to 75GHz with less than 1dB of insertion loss. The socket is designed to dissipate few watts using compression screw and can be customized up to 300 watts with modified fin design on top of the screw and adding axial flow fan. The contact resistance is typically 30 milliohms per pin. The socket is mounted on the target PCB with no soldering, and uses very small real estate allowing capacitors/resistors to be placed close by. Other passive components can be placed on the back side of PCB by creating custom cutouts in the stiffener plate. The socket is constructed with sliding lid which incorporates a quick insertion method so that IC's can be changed out quickly. To use, place the device inside the socket, slide the lid and apply downward pressure by turning compression screw ! The GT-BGA-2086 socket is constructed with high performance and low inductance elastomer contactor. The temperature range is -55 °C to +160 °C. Works with IC's such as 955 BGA, 21x21mm with 31x31 array and 0.65mm pitch !!



(September, 2018)

**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](mailto:bce@bce.it)

Web: [www.bce.it](http://www.bce.it)