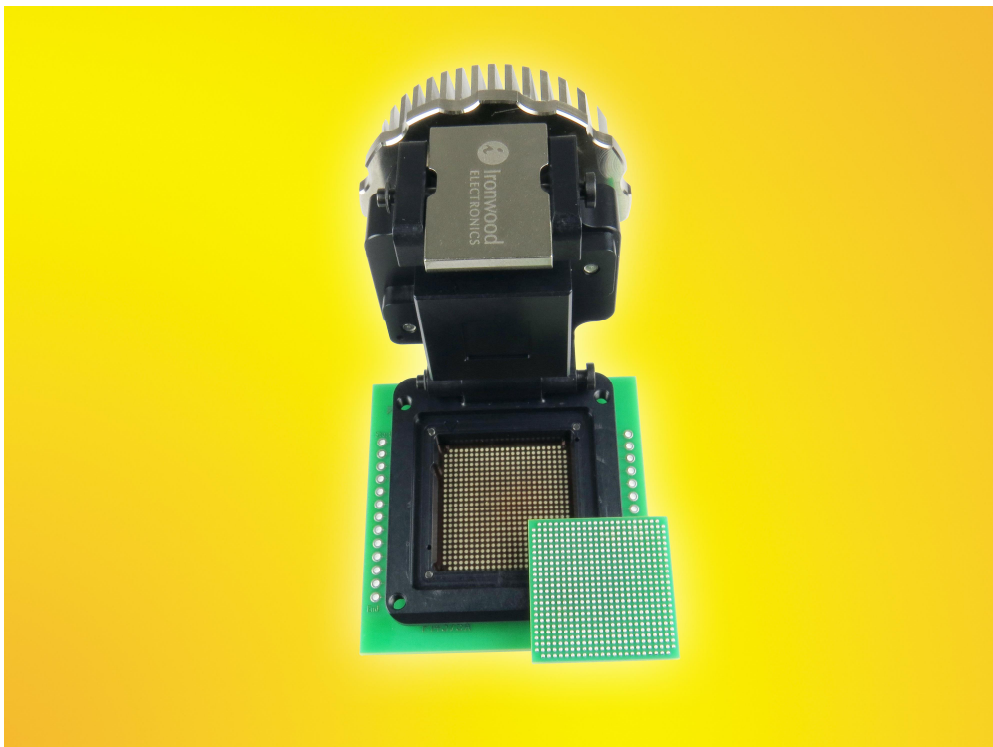




Ironwood
ELECTRONICS

75GHz Clamshell BGA Socket with Heat Sink Lid

EAGAN, MN - February, 2015 - 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-2019 socket is designed for 25x25 mm package size and operates at bandwidths up to 75GHz with less than 1dB of insertion loss. The socket is designed to dissipate 7 watts using compression screw with heat sink fins and can be customized up to 100 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 clamshell lid which incorporates a quick insertion method so that ICs can be changed out quickly. To use, place the device inside the socket, close the lid by latching and apply downward pressure by turning heat sink compression screw.



The GT-BGA-2019 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 BGA, 25x25mm with 24x24 array and 1mm pitch.

(February, 2015)

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