



Ironwood
ELECTRONICS



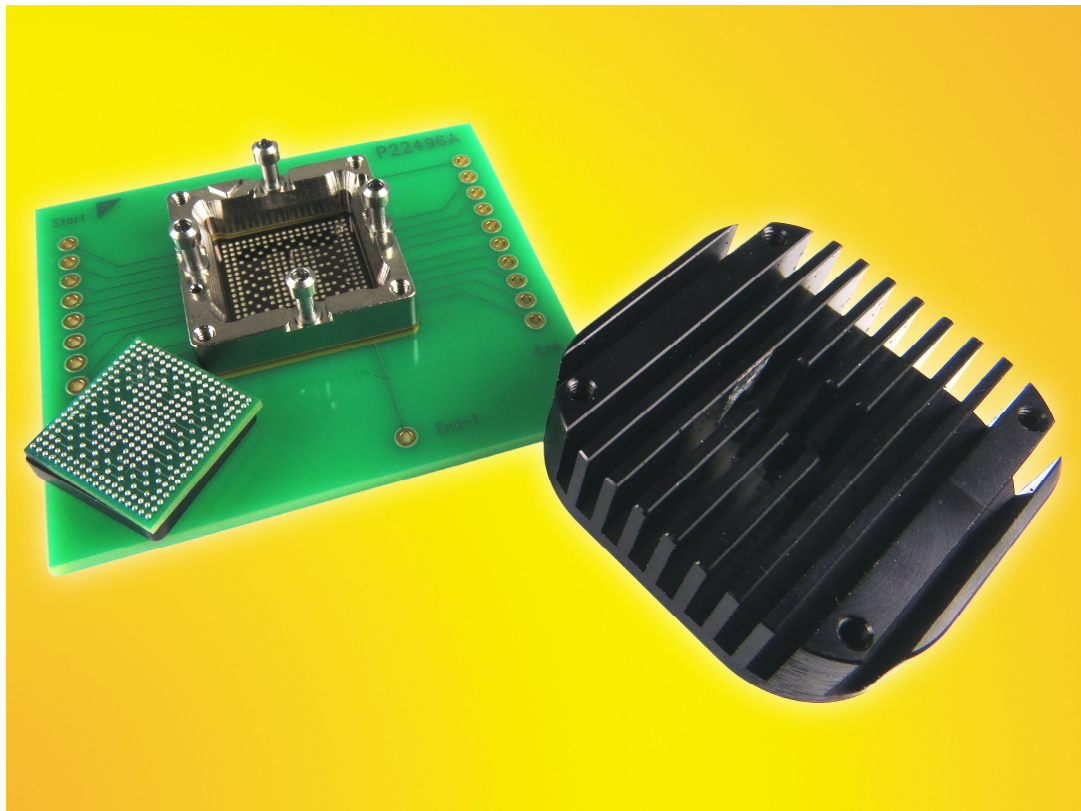
High Performance
Sockets & Adapters

94GHz BGA Socket for TI's NanoFree™ BGA

Quickly and easily Socket your 19x19 array, NFBGA285 packages on any application board with performance equivalent to direct solder version

EAGAN, MN - August, 2020 - Ironwood Electronics has recently introduced a new BGA socket design using high performance elastomer capable of 94GHz, very low inductance and wide temperature applications. The **GT-BGA-2137** socket is designed for 13x13 mm package size and operates at bandwidths up to 94GHz with less than 1dB of insertion loss. The socket is designed to dissipate 4 watts using a heat sink compression screw. 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 swivel 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-2137** 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 285 BGA, 13x13mm with 19x19 array with 0.65mm pitch.

NanoFree™ is registered trademark of Texas Instruments.



(August 2020)

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