

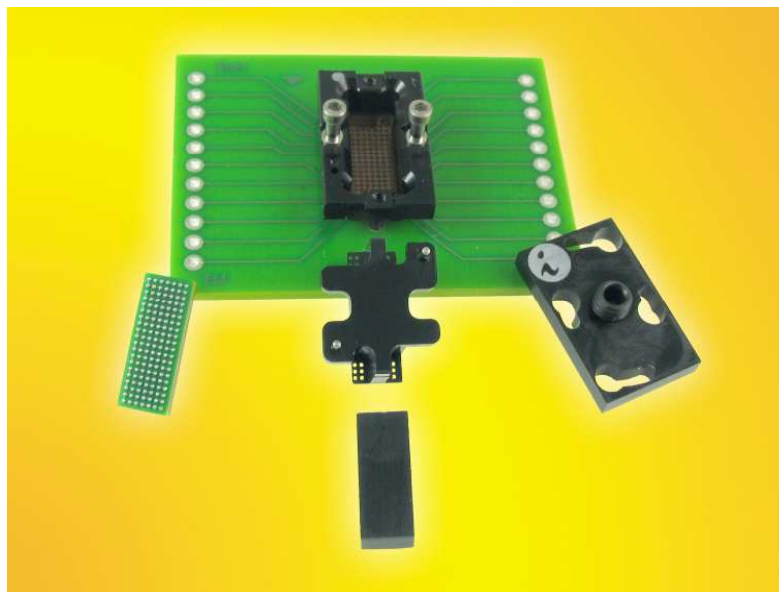


Ironwood
ELECTRONICS

10 GHz Bandwidth Socket for 0.65mm Pitch Renesas BGA Packages

Socket your 140 pin BGA packages on any PCB without significant performance loss and with no soldering and no mounting hardware or screws

EAGAN, MN - December, 2012 - Ironwood Electronics has recently introduced a new high performance BGA socket for 0.65mm pitch BGA 140 pin IC's. The SG-BGA-7249 socket is designed for a Renesas Code PVBG0140JA-A package and operates at bandwidths up to 10 GHz with less than 1dB of insertion loss. The sockets are designed to dissipate up to several watts without extra heat sinking and can handle up to 100 watts with custom heat sink. The contact resistance is typically 20 milliohms per pin. The socket connects all pins with 10 GHz bandwidth on all connections. The socket is mounted with a patented technology that allows for mounting with no holes in the target PCB, no soldering, and minimal footprint. It can be mounted on any existing PCB with our exclusive placement/epoxy system.



The SG-BGA-7249 sockets are constructed with high performance and low inductance elastomer contactor. The temperature range is -35 C to +100 C. The pin self inductance is 0.15 nH and mutual inductance of 0.025 nH. Capacitance to ground is 0.01 pF. Current capacity is 2 amps per pin. Works with IC's such as Renesas PVBGA140, 5x13.5x1mm with 0.65mm pitch and 7x20 ball array.

DOWNLOAD

Download complete Catalogue or Tech. Specifications from our website: www.bce.it

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