



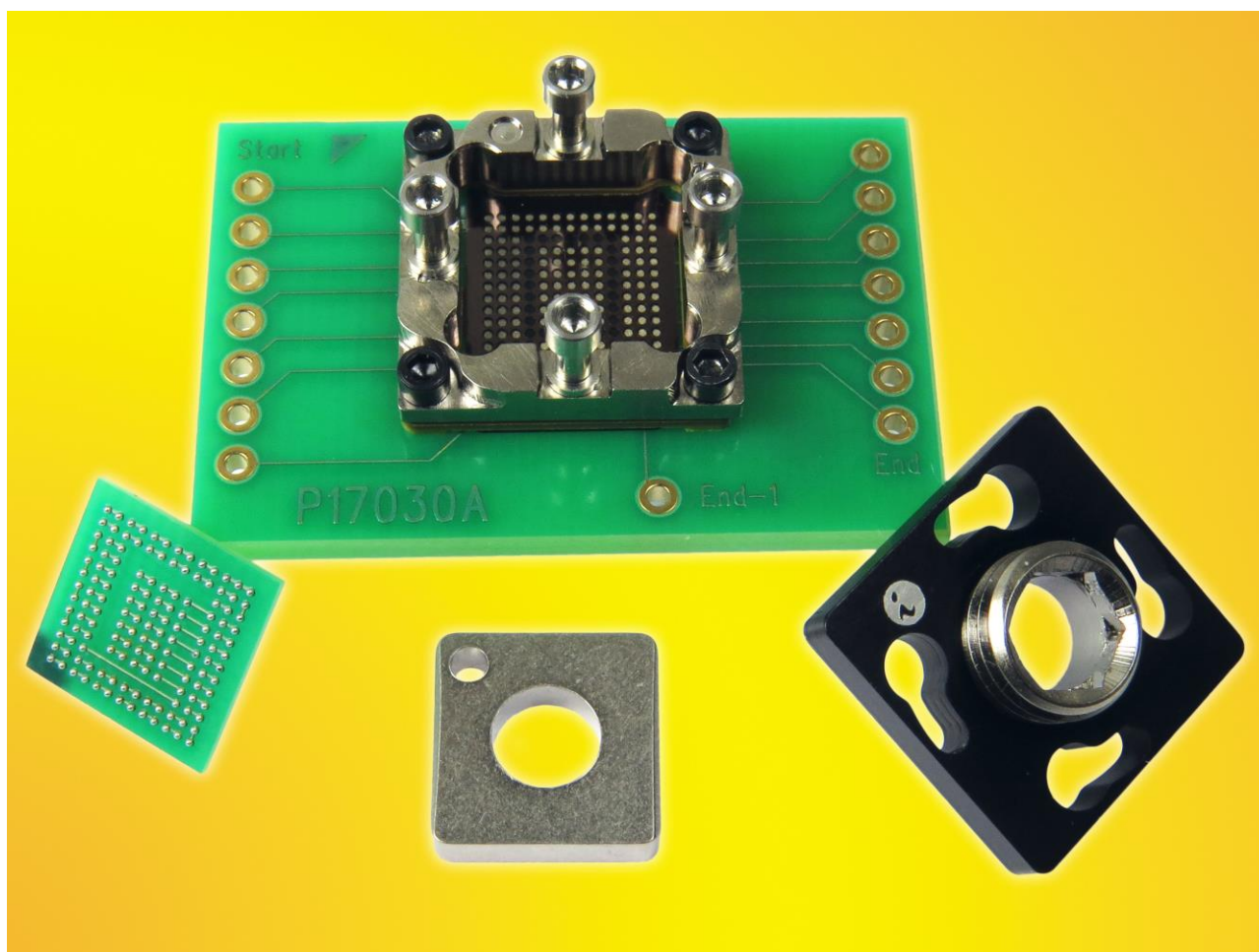
**High Performance
Sockets & Adapters**

75GHz Clamshell Socket for NXP's BGA141

Quickly and easily Socket your 0.65mm pitch 13x13 array, 141BGA packages on any application board with performance equivalent to direct solder version

EAGAN, MN - January, 2017 - 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-2061 socket is designed for 10x10 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 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 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, swivel the lid and apply downward pressure by turning compression screw.

The GT-BGA-2061 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 141 BGA, 10x10mm with 13x13 array and 0.65mm pitch.



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