



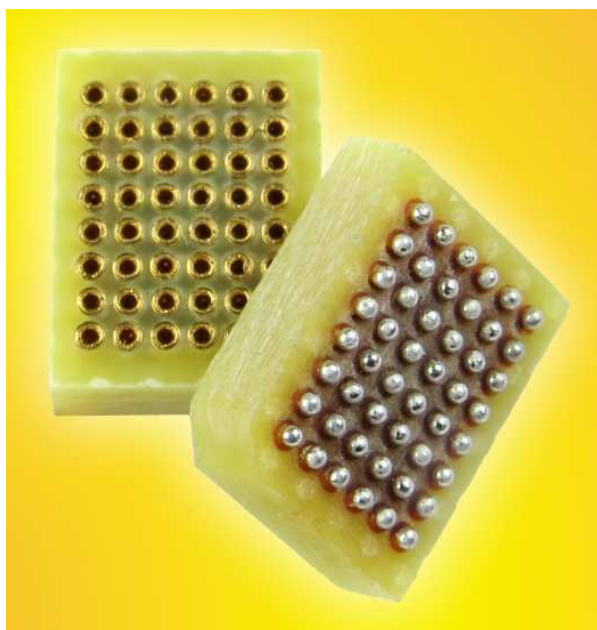
Ironwood
ELECTRONICS

Chip Size 0.8mm Pitch BGA Socket Adapter for 8Mbit Flash Memory

Users can socket their 48 pin 0.8mm pitch EN29LV800C BGA IC's with socket whose footprint same as IC footprint

EAGAN, MN - October, 2013 - Ironwood Electronics' new high performance socket - SF-BGA48U-B-64F allows 0.8mm pitch, 8x6mm body, 8x6 array flash memory to be socketed and operate without compromising performance in demanding CMOS applications. Socket with chip installed is used in electrically erasable, read/write, non-volatile flash memory application.

The [Giga-snaP™ BGA socket adapter](#) pair consists of SF-BGA48U-B-64F, patented female BGA sockets with machined pins epoxy over molded into an assembly that matches the male pin adapter. The RoHS compliant SF-BGA48U-B-64F BGA socket is soldered to a PCB using standard soldering methods without warping which results in reliable connection to PCB. Both BGA socket and adapter are constructed with high temperature FR-4 body assuring match with target PCB's and preventing failures that occur due to CTE mismatch. BGA adapter (top part), to which the user attaches a target 48 ball flash memory chip or other compatible chip, is plugged into the female BGA socket on the board, thereby chip is interconnected and the system is ready to go.



The [BGA socket adapters](#) have the same solder ball types as the IC they are emulating. The Giga-snaP BGA socket adapters require half the force of conventional adapters enabling easy insertion/extraction cycles. The electrical path of the Giga-snaP™ BGA socket adapters is a high priority performance issue with the physical length from the top connection point on the male adapter to the solder ball on the female socket is 4.5 mm. This is the shortest connection length by far for machined pin sockets, therefore providing better transmission of high frequency signals. These adapters passed environmental tests (MIL-STD) and qualified for flash memory applications. The 0.8mm Giga-snaP™ BGA socket adapter line is available in many different pin counts and customs can be delivered in days.

(November, 2013)

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