



Ironwood
ELECTRONICS

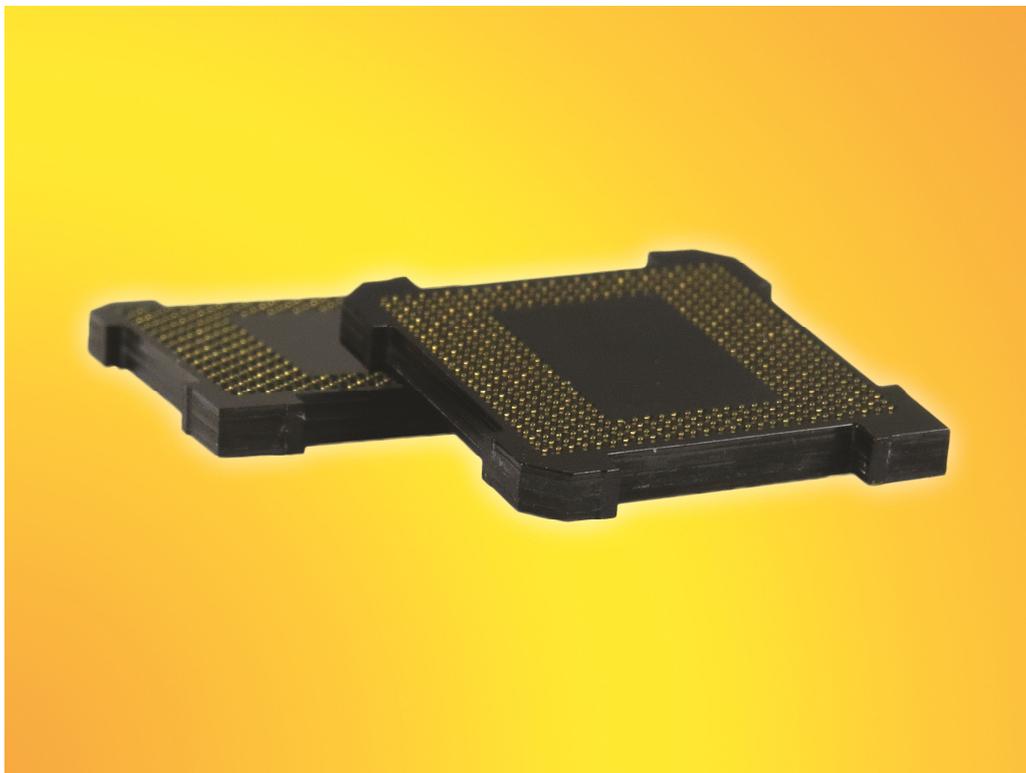


High Performance
Sockets & Adapters

Zero footprint LPDDR5 Grypper Socket

*Socket your BGA496 using **Grypper Socket** same size as device with Superior Electrical Performance*

EAGAN, MN - January, 2020 - Ironwood Electronics, continues to design and manufacture new Grypper/G40 test sockets for the latest releases of memory devices - LPDDR5. Ironwood Grypper socket, part number **109111-0003**, allows testing of the newest generation of Package-On-Package type LPDDR5 devices that have 496 Ball 0.4mm pitch, with speeds up to 5500Mb/s. The LPDDR5 Grypper/G40 socket fits to the same location/PCB footprint as the device allowing development and failure analysis. This PoP type socket is surface mounted using standard soldering methods to the same location onto the top of Microprocessor, or directly to a PCB. To connect a device, simply insert into the socket by pressing on top of the device, no lid is required. The unique geometry of the contact grips onto the solder balls of the device. To remove the device a simple extraction tool can be used to pop the device back out of the socket and it is ready to install another device. This Grypper/G40 socket has excellent electrical performance of - 1dB insertion loss up to 21.5 GHz. Force required to insert a device is 25 grams / contact. The socket is sold in three configurations; Sockets with a Rohs solder ball (SAC 305) replicates the device. The socket configured with SnPb solder ball allow easy reflow/attachment onto a PCB that already has components mounted. The lower melting temperature of the SnPb solder will not affect any adjacent components that might be close to the target area where the socket is to be placed. The socket can also be purchased with NO solder balls. No solder ball version requires the use of a 0.2mm thick stencil for the correct amount of solder paste allowing any type of solder paste the customers lab might use for attachment.



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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