



**Ironwood**  
ELECTRONICS



**High Performance**  
**Sockets & Adapters**

## Latest LPDDR5 Grypper Sockets available from Ironwood

*Socket your BGA315 using Grypper Socket same size as device with Superior Electrical Performance*

EAGAN, MN - June, 2020 - Ironwood Electronics, continues to design and manufacture new Grypper test sockets for the latest releases of memory devices - LPDDR5. Ironwood Grypper socket, part number GR1032-0001, allows testing of the newest generation LPDDR5 devices that have 315 Ball - 0.7 x 0.8mm pitch, with speeds up to 6400Mb/s. The LPDDR5 Grypper socket fits to the same location/PCB footprint as the device allowing development and failure analysis. 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 socket has excellent electrical performance of - 1dB insertion loss up to 40.0 GHz. Force required to insert a device is 45 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.



(June, 2020)

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