

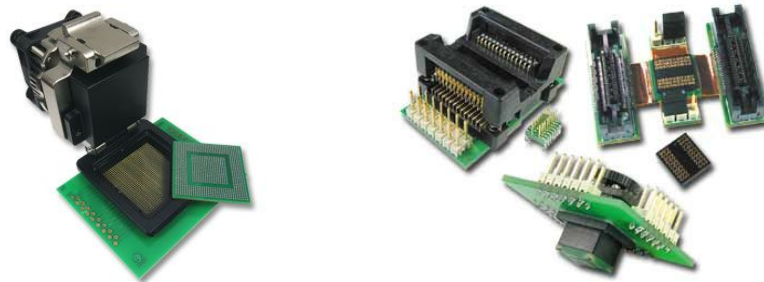


**Ironwood**  
ELECTRONICS



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

### *GRYPPE/G80 Socket for TELEDYNE's Radiation Tolerant DDR4 Memory Multi-Chip Package*



Ironwood Electronics offers high performance test sockets and adapters for both engineering and production use of semiconductor devices. IC packages covered include; QFN, BGA, SOIC, QFP, LGA, WLCSP and other SMT packages. Our GHz line of sockets with 6 different contact technologies supports up to 110 GHz bandwidth,  $\geq 0.2\text{mm}$  pitch,  $\leq 10000$  pins, 500K insertions and the smallest footprint in the industry.

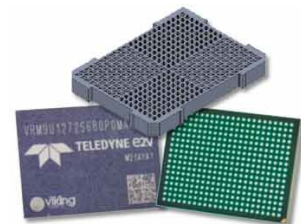
### *GRYPPE/G80 SOCKETS*



- Package-size PCB footprint: Since the PCB footprint of GRYPPE/G80 is identical to the package, only one PCB design is required, enabling a seamless transition from test and validation through production and reducing overall cost of test
- Low insertion force: Unique contact design reduces the insertion force required to insert and retain higher-ball-count packages safely and securely within the test socket
- No lid required: The package snaps directly without a lid, enabling easy probing, scoping and troubleshooting the topside of the device
- Excellent signal performance: A short signal path achieves low inductance and low insertion loss, providing a nearly invisible electrical connection

The GRYPPE/G80 Socket shown is for **DDR4T04G72AZ** TELEDYNE's - 4GB / 8GB Radiation Tolerant DDR4 Memory Multi-Chip Package (MCP) Device.

Ironwood Part Number **GR1140-XXXX** Pricing for socket Socket with SAC305 solder balls, P/N: GR1140-0002, or Eutectic (Tin/Lead) – GR1140-0001 for attachment



(September, 2021)

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