

Sockets Offer Performance-Efficiency

A high performance Universal BGA socket for 0.8-mm pitch DDR2 and DDR3 packages comes with many IC size variations ranging from 7.5 to 15.5 mm. The SG-BGA-6292 socket is designed to accommodate any of those package sizes and operates at bandwidths up to 8 GHz, with less than 1 dB of insertion loss. The sockets are designed with replaceable IC guides for each package size. The contact resistance is typically 20 milliohms per pin. The socket connects all pins with 8 GHz bandwidth on all connections. The socket is mounted on the target PCB with no soldering, and minimal footprint.

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