



Ironwood
ELECTRONICS

40 GHz Bandwidth Socket for 0.4mm Pitch QFN Packages

Socket your 56 pin QFN packages without significant performance loss and with minimal increase in PC Board footprint

Ironwood Electronics has recently introduced a new high performance QFN socket for 0.4mm pitch QFN 56 pin IC's. The DG-QFN56B-01 socket is designed for a 7X7mm package size and operates at bandwidths up to 40 GHz with less than 1dB of insertion loss. The socket is designed to dissipate 12 watts with lid mounted heat sink and fan. The contact resistance is typically 3 milliohms per pin. The socket connects all pins and the center ground pad with 40 GHz bandwidth. The socket is mounted on the target PCB with no soldering, and uses industry's smallest footprint (only 2.5mm more on each side). The socket is constructed with shoulder screw and swivel lid which incorporates a quick insertion method so that IC's can be changed out quickly.



The DG-QFN56B-01 is constructed with high performance and low inductance diamond particle interconnect contactor. Contactor is capable of 100,000 insertions. The temperature range is -70 C to +200 C.



DOWNLOAD

Download complete Catalogue or Tech. Specifications from our website: www.bce.it

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