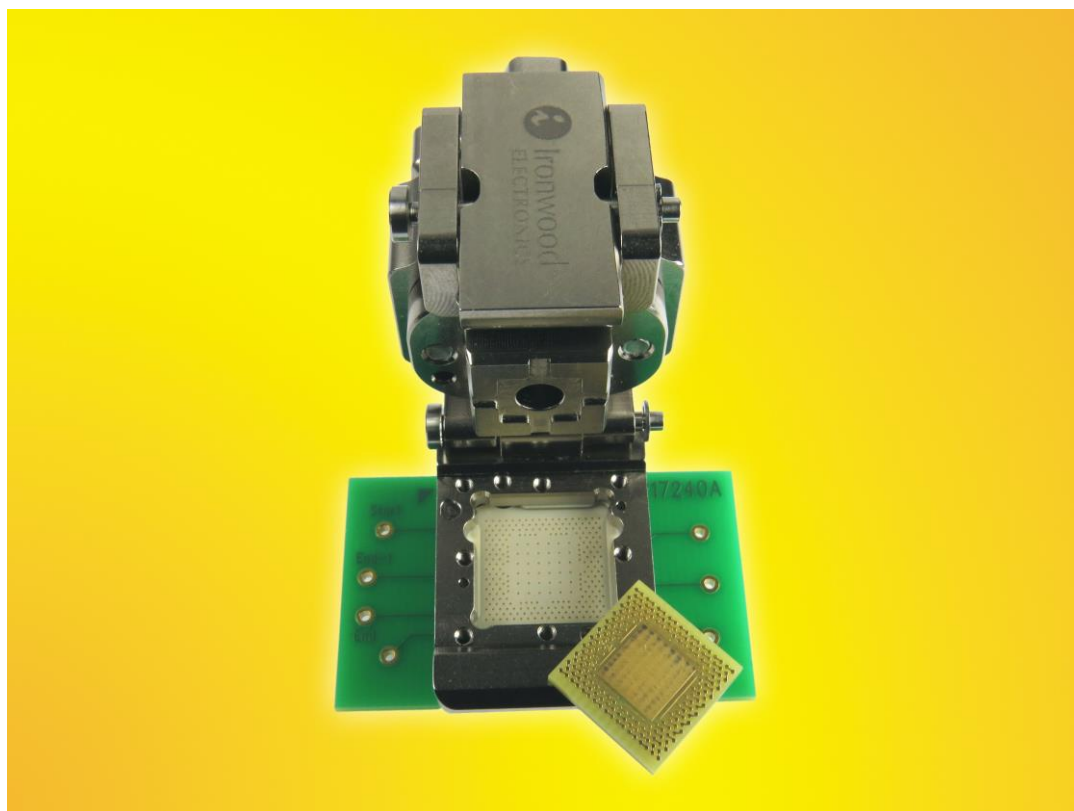


High Performance Socket for 0.65mm Pitch QFN

*Socket your 204 position QFN without significant performance loss and with minimal increase in PC Board footprint
at high temperature !!*

EAGAN, MN - August, 2017 - Ironwood Electronics has recently introduced a new high performance QFN socket for 0.65mm pitch devices. The SS-QFN204A-01 socket, designed for a 12mm package size, operates at bandwidths up to 6.5Ghz with less than 1dB of insertion loss. Designed for up to 500,000 actuation cycles, the socket is able to dissipate up to 4 watts over a temperature range of -40C to +150C without the need for an additional heat sink. This is all accomplished within a 2.5mm larger border, the smallest footprint available to the industry. It accommodates a chip with 204 pins plus ground pad in the center of the QFN is contacted with additional spring pins for highest bandwidth interface.



The SS-QFN204A-01 socket utilizes high endurance spring pins, which allow for product use in multiple applications including burn-in, production test, and prototype development. In addition to its wide temperature range and high endurance the pin operates with an inductance of 1.3nH and with a capacitance to ground of 0.53pF. Current carrying capacity is 1.5 amps per pin. Normal force for actuation is only 16gms per pin with a typical contact resistance of 82 mOhms.

To use mount the socket onto board, drop in chip, close lid and hand tighten.

(August, 2017)