



**Ironwood**  
ELECTRONICS

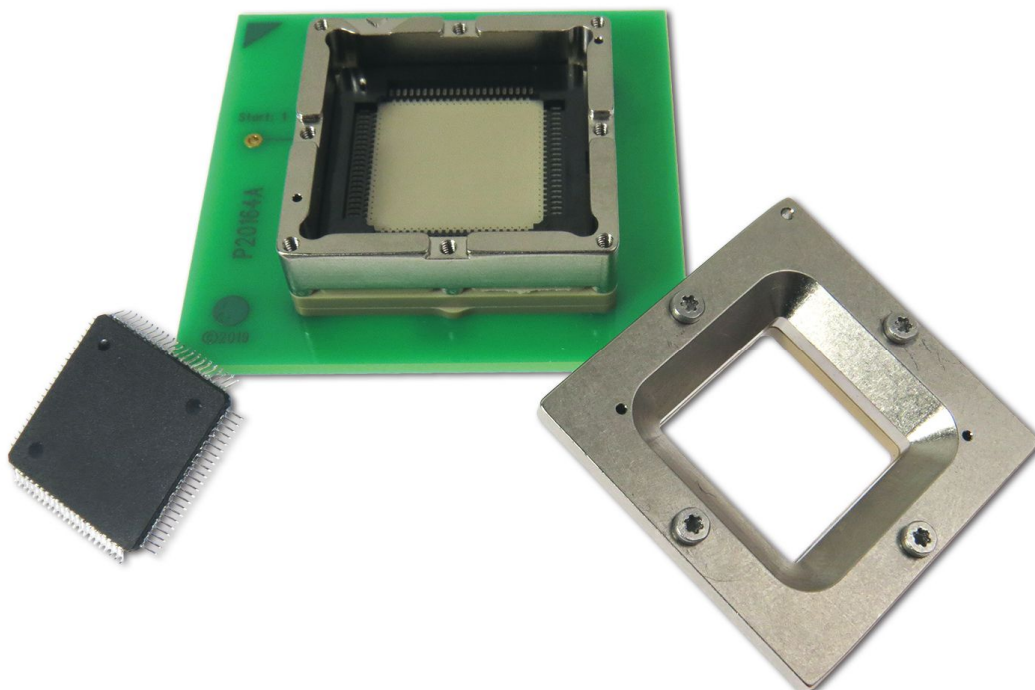


**High Performance**  
**Sockets & Adapters**

### Stamped Spring Pin Socket for Dual Row QFP

*Socket your QFP172 using Extreme Temperature Socket with Superior Electrical Performance*

EAGAN, MN - October, 2022 Ironwood Electronics recently introduced a new socket addressing high performance requirements for Burn-in and Test applications – **SBT-QFE-3035**. The contactor is a stamped spring pin with 14 gram actuation force per ball and cycle life of 125,000 insertions. The self inductance of the contactor is 0.88 nH, insertion loss of < 1 dB at 20.5 GHz and capacitance 0.097pF. The current capacity of each contactor is 2.9 amps. Socket temperature range is -55°C to +180°C. Socket features a floating guide for precise lead to pin alignment. Socket also includes additional floating compression plate that has a cavity to accommodate mold case. The specific configuration of the package to be tested in the **SBT-QFE-3035** is QFP, 16x16mm body size, 0.65mm pitch and 19mm lead tip to tip distance. To use, drop IC into the socket, place floating compression plate, screw down the lid, and apply down force. This socket can be used for hand test and quick turn custom burn-in applications with the most stringent requirements.



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