

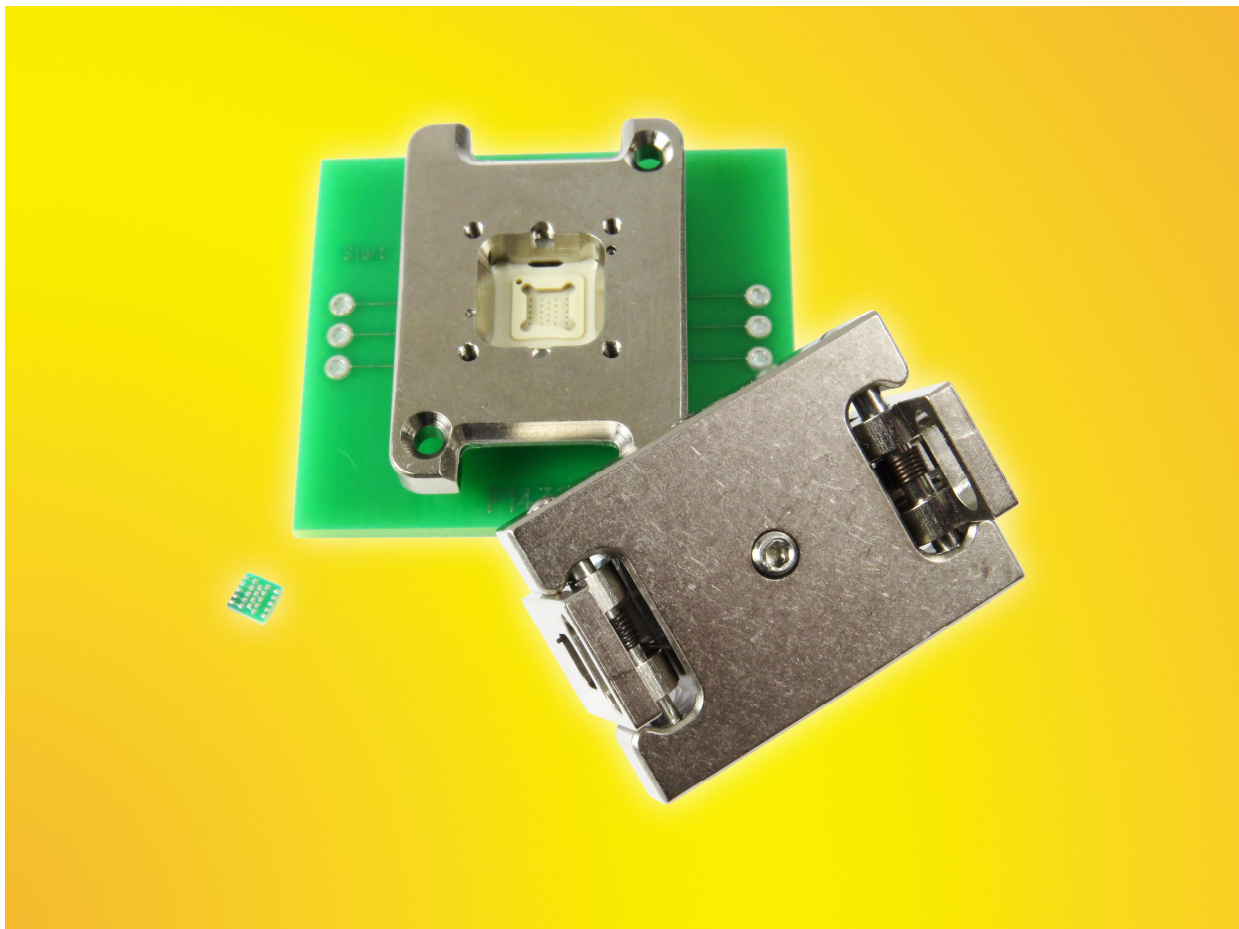


**Ironwood**  
ELECTRONICS

## Clamshell Spring Pin QFN Socket for Microchip's 10TDFN

EAGAN, MN - February, 2015 - Ironwood Electronics recently introduced a new [QFN socket](#) addressing high performance requirements for testing QFN devices - CBT-QFN-7039.

The contactor is a [stamped spring pin](#) with 17 gram actuation force per ball and cycle life of 50,000 insertions. The self inductance of the contactor is 0.75 nH, insertion loss < 1 dB at 31.7 GHz. The current capacity of each contactor is 1.5 amps at 20C temperature rise. Socket temperature range is -55C to +180C. Socket also features an alignment guide for precise device to pin alignment. The specific configuration of the package to be tested in the CBT-QFN-7039 is a QFN, 3x3mm, 0.5mm pitch, 10 positions with center ground pad. The socket is mounted using supplied hardware on the target PCB with no soldering. To use, place the QFN device into the socket base and lock the double latch socket lid on to the base using the latch. The socket uses a compression wave spring to apply constant downward pressure enabling the device be interconnected to the target PCB. This socket can be used for hand test and quick device screening applications with the most stringent requirements.



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