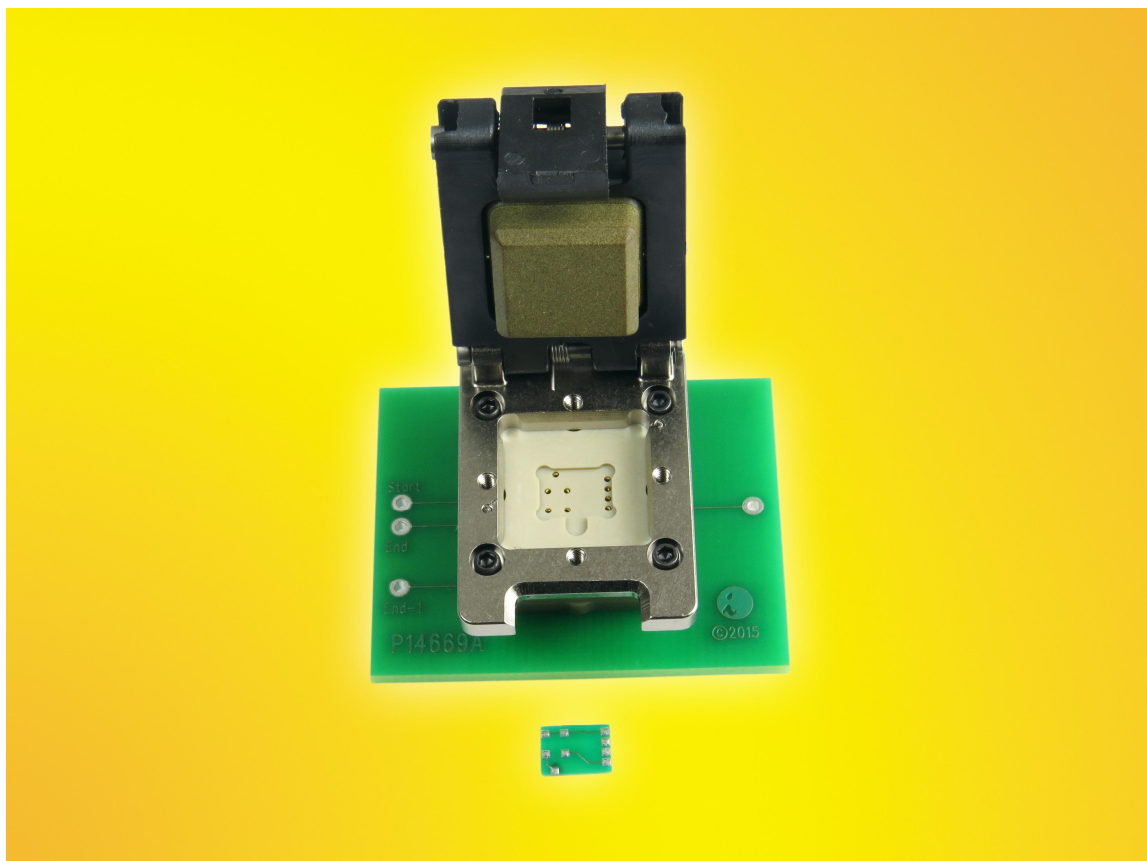




Clamshell Spring Pin Socket for Power Transistors

Socket your 9 lead QFN using Extreme Temperature Socket with Superior Electrical Performance

EAGAN, MN - April, 2015 - Ironwood Electronics recently introduced a new QFN socket addressing high performance requirements for testing power transistor - CBT-QFN-7043. The contactor is a stamped spring pin with 19 gram actuation force per ball and cycle life of 125,000 insertions. The self inductance of the contactor is 0.93 nH, insertion loss < 1 dB at 23 GHz. The current capacity of each contactor is 4 amps at 80C temperature rise. Socket temperature range is -55C to +180C. Socket also features a floating guide for precise device to pin alignment. The specific configuration of the package to be tested in the CBT-QFN-7043 is a QFN, 6.512x4.961mm, 1mm pitch, 9 positions with 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 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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