

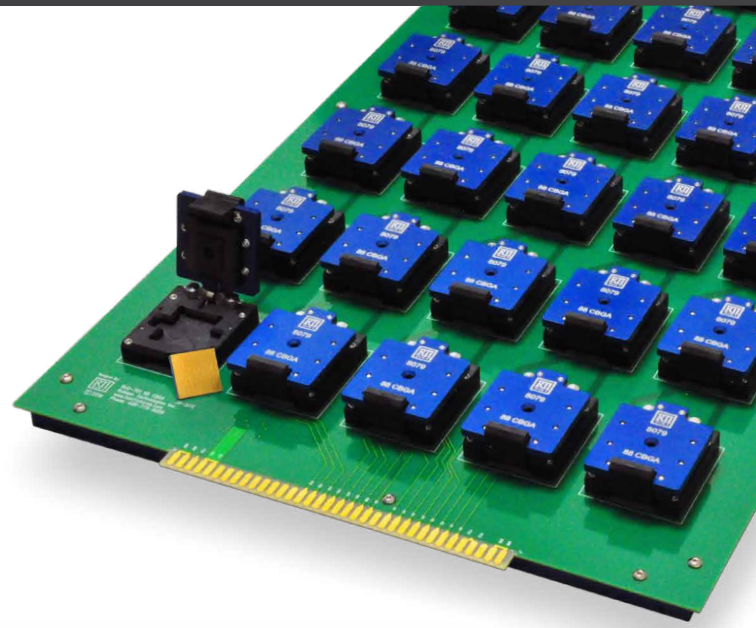


Robson Technologies, Inc.

Burn-in Board Testing Services

Out of the box - Into the oven:

RTI offers validation testing of all completed Burn-in board installations at the individual socket level and overall board level. Using custom manufactured shorting blocks that match the footprint of the DUT, RTI can quickly perform continuity tests of each signal in every socket. Benchtop signal verification testing is performed on boards with passive components such as resistors, diodes, and capacitors. Each burn-in board is tested at the edge connector to ensure board functionality at the system level.



Burn-in Board Test Capabilities:

- ◇ Manual continuity and leakage test (alternative to flying probe)
- ◇ Bench Test for Signal Integrity check
- ◇ Verifies insulation resistance up to 1,000M Ω
- ◇ 2wire and 4wire low voltage test
- ◇ Test assemblies with passive components
 - » **Resistors:** 0.1 Ω to 100k Ω \pm 1% \pm 0.1 Ω
100k Ω to 5 M Ω \pm 10%
 - » **Capacitors:** 5 nF to 100 μ F \pm 10% \pm 0.02 nF
 - » **Diodes:** Silicon, LEDs, zeners with breakdown <4V



Custom Shorting Blocks:

RTI's custom shorting blocks are used as a test-setup and test-failure forensic tool. These blocks are manufactured to emulate the physical dimensions of your DUT and allow the test engineer to verify electrical continuity between the DUT, test socket, burn-in board, and edge connector that plugs into your oven.

- ◇ Emulates your DUT for continuity testing
- ◇ Nickel coated aluminum for balled devices
- ◇ Hard gold coated FR4 sheets are cut to size
- ◇ Short runs available, no minimum quantity

