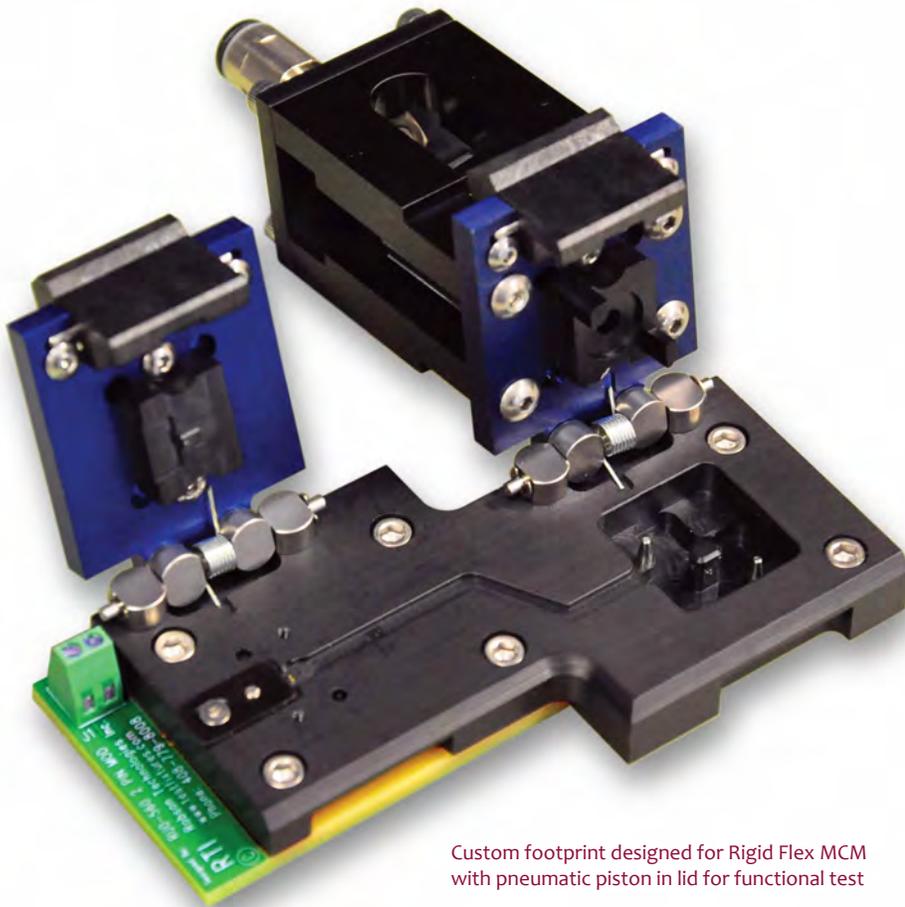




Robson Technologies, Inc.

IOT Test Socket & Fixture Solutions



Custom footprint designed for Rigid Flex MCM with pneumatic piston in lid for functional test



Module test socket with custom pin position and opening for access to MCM on-board connector



Sensor module with physical access for functional test and cutouts for SMT components



Custom MCM test socket contacts bottom of PCB and castellated pads on perimeter of PCB



Open top lids for forced air temperature control

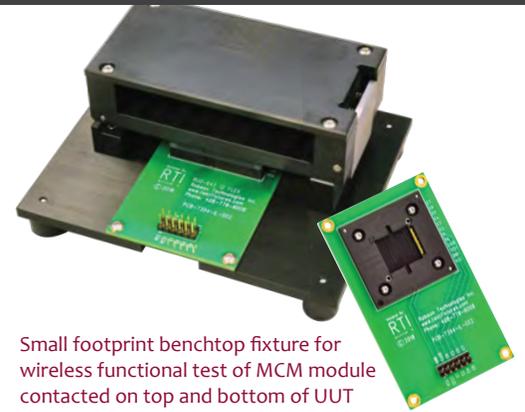
IOT Module Test Socket Design Options:

- ◇ Milled clearances in the socket body and/or lid for SMT components
- ◇ Contact multiple sides of UUT via pogo pins
- ◇ Precise alignment of UUT to contacts
- ◇ High speed, low inductance and shielded contact sets available
- ◇ Contact to castellated pads on UUT perimeter
- ◇ Device level thermal control and measurement
- ◇ Pogo pin contact at multiple depths for MCMs with various z-height

IOT Test Socket & Fixture Solutions (cont.)



Custom breakout benchtop fixture for Rigid Flex MCM device includes variety of header pins, terminals and standard connectors



Small footprint benchtop fixture for wireless functional test of MCM module contacted on top and bottom of UUT



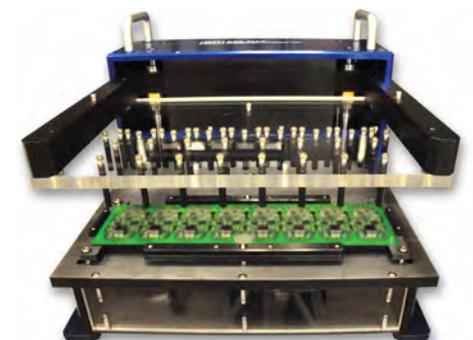
RFID multi-site benchtop test press to remotely update digital price tag and product info displays



Singulated MCM sensor module in 750 series test press with breakout to connectors of choice

IOT Module Benchtop Fixture Design Options:

- ◇ Integration of sub assemblies for functional test of companion devices
- ◇ Custom breakout configurations to connectors or header pins
- ◇ Standard connectors such as USB, HDMI, RJ45, and more
- ◇ Connector Savers extend the lifespan of fragile connectors
- ◇ Partial and full alodine coated enclosures for RF shielding
- ◇ Direct and cable interfacing to existing tool kits such as Raspberry Pi, Arduino, Beagleboards, etc.
- ◇ Controlled impedance, matched trace length, and fine pitch layouts
- ◇ Panelized, multi-site, and singulated board test configurations



Panelized MCM sub-assemblies in 752 series test press aligned by non plated through holes