



SIGNAL MONITORING ADAPTERS FOR CONNECTORS

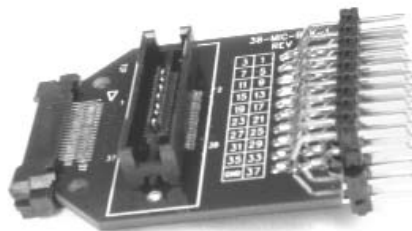
These new Bug Katchers allow designers easy access and probing capability for individual and hard to reach signals in high-speed electronic designs. Using these connectors with a logic analyzer or an oscilloscope reduce capacitive input loading and improve isolation between adjacent channels.

HOW THE ADAPTER WORKS

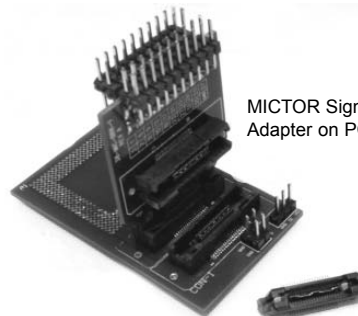
Users simply unplug the Agilent probe from their test setup and plug in either the Samtec or MICTOR Bug Katcher adapter. Each Bug Katcher adapter is manufactured with .025" square test points on the top to connect an oscilloscope to individual signals, the Samtec or MICTOR connector on the bottom connects to the target board, and an additional Samtec or MICTOR connector is mounted on the side of the Bug Katcher adapter to connect to the Agilent logic analyzer.

FEATURES & BENEFITS

- Users can perform logic analysis and monitor signals with an oscilloscope or other instrument at the same time using the .025" square test points provided on both sides of the adapter.
- Samtec and MICTOR connectors ensure a one-step secure and easy attachment.
- Test points also provide quick connection of test cable assemblies or test probes.
- 4 layer PCB with ground plane for reduced noise and cross talk.
- Each signal pin number is silk-screened on the probe adapter for easy signal identification.



MICTOR Signal Monitoring Adapter



MICTOR Signal Monitoring Adapter on PCB MICTOR Splitter.



Samtec Signal Monitoring Adapter



Male Samtec Connector

Ordering Information Example

Product Code BCM-038-MICTOR-0000 Generic Test Point Pin Numbering
 Pin Count of Connector 38 Connector Style 0000

Pin Count	Product	Description	Mates w/ Vendor Part#	Mates w/ ET Part #	Drawing #
38	BCM-038-MICTOR-0000	MICTOR Bug Katcher Adapter	AMP 2-767004-2, 767054-1, 767044-1	CON-MICTOR-FEM-38-SMT	F7293
38	CON-MICTOR-FEM-38-SMT	38-pin Female MICTOR Connector	AMP 2-767004-2, 767054-1, 767044-1	CON-MICTOR-MALE-38-SMT	F1416
38	CON-MICTOR-MALE-38-SMT	38-pin Male MICTOR Connector	AMP 767055	CON-MICTOR-FEM-38-SMT	F6741
100	BCM-100-SAMTEC-0000	Samtec Bug Katcher Adapter	Samtec BTJ-050-01-L-D-EM2	CON-100-5FEM-SM	F7297
100	CON-100-5FEM-SM	100-pin Female Samtec Connector	Samtec BTJ-050-01-L-D-EM2	CON-100-5MAL-SM	F7317
100	CON-100-5MAL-SM	100-pin Male Samtec Connector	Samtec ASP-6507-01	CON-100-5FEM-SM	F7318

For a complete list of Samtec adapter specifications, pricing and delivery information, please see:

Web Link: www.emulation.com/159

For a complete list of MICTOR adapter specifications, pricing and delivery information, please see:

Web Link: www.emulation.com/062