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FOR IMMEDIATE RELEASE

EMULATION TECHNOLOGY ANNOUNCES NEW ET MICROCLIP™

Use surface mount passive components to create probe points on any PCB

SANTA CLARA, Calif, September 9, 2005—Emulation Technology (ET), the world leader in adapters, clips and test accessories for digital design and test, has expanded its broad line of probing and logic analysis accessories with its new ET MicroClip™. The MicroClip is specially designed for providing new or additional test points on existing Printed Circuit Boards (PCB). The MicroClip attaches onto passive Surface Mount (SMT) 0201, 0402, 0603 or 0805 components. 13 different cable assemblies are available to connect the MicroClip to various test instruments.

Application

The engineer trying to debug an existing system will find this as an indispensable tool for probing and viewing signals on a logic analyzer, oscilloscope, meter or other instrument for almost any location on the PCB with a mounted passive device. The MicroClip attaches to surface mount passive components, including resistors, capacitors and inductors. Its unique design allows it to attach directly to both terminals of the Device Under Test (DUT) and used in hands-free operation. Isolated probe leads from the MicroClip can then be connected to the test instrument using a variety of available cables (see the accessories listing below). A complete hands-free probing system can be created when used in conjunction with Emulation Technology's MicroGrippers™: <http://www.emulation.com/170>. This system allows the engineer to focus on the analysis rather than on how to physically probe the system, regardless of the availability of test points on the PCB.

Features and Benefits:

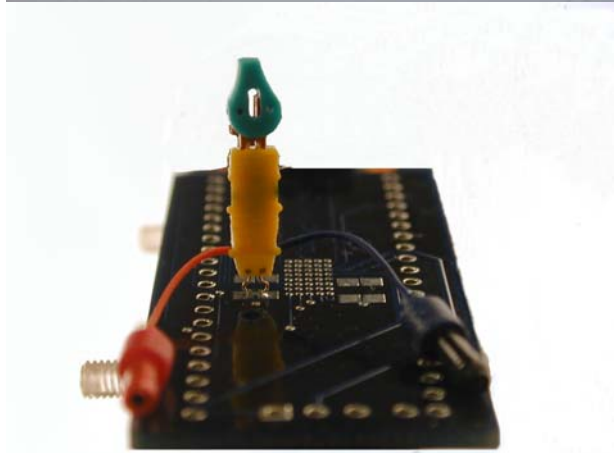
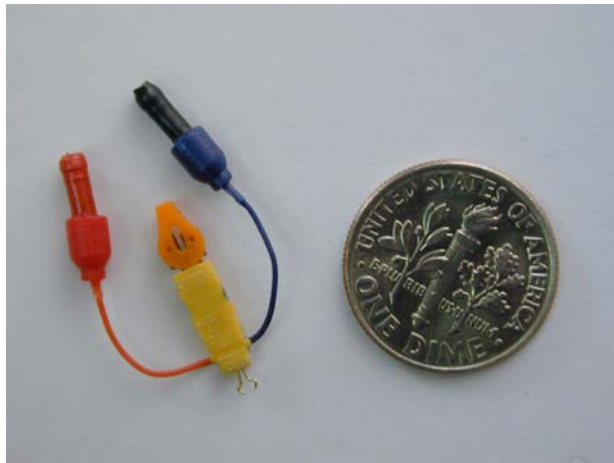
- Allows probing of system even if test points or break-out pins are unavailable.
- Allows hands free probing of surface mount components.
- Spring-tensioned pointed conductors grip firmly onto soldered terminals of DUT.
- Available probe holder to allow hands-free use with un-mounted DUT.
- Allows the engineer to focus on logic or oscilloscope analysis, rather than focusing on attaching probes to components.
- Eases system power supply monitoring.
- Greatly reduces debug and analysis time.
- Reduces PCB costs by eliminating the need to have test points.
- 13 different cable assemblies available to adapt the MicroClip to different applications, including logic analyzers, oscilloscopes, meters and other test instruments.

Pricing & Availability

ET provides four different MicroClips to fit four EIA standard component sizes: 0201, 0402, 0603 and 0805. Various accessories, including a holding stand, integrated magnifying glass and tweezers set, and 13 cable assemblies are also available. ET also provides an assortment of MicroGrippers to create a complete hands-free probing system. Pricing is as listed below with two week delivery. Contact ET Technical Sales at 1-800-232-7827 or sales@emulation.com.

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MicroClip
2-2-2



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MicroClip
3-3-3

ET MicroClip™ Pricing

Model	Description	Price (USD)
FP-T23-02	MicroClip (0201 Components)	\$54
FP-T23-04	MicroClip (0402 Components)	\$47
FP-T23-06	MicroClip (0603 Components)	\$44
FP-T23-08	MicroClip (0805 Components)	\$42

ET MicroClip™ Accessory Pricing

Model	Description	Price (USD)
FP-T10	MicroClip Holder	\$7
FP-T101	MicroClip Holder Wires (Set of 5)	\$2
FP-T20	Integrated magnifying glass and tweezers set	\$50
T23-10	13mm length x ϕ 0.75mm copper pin (Set of 5)	\$5
T23-11	40mm length probe extension; ϕ 0.75mm female end	\$4
T23-12-2.5	40mm length oscilloscope probe adapter for ϕ 2.5mm probe ground rings	\$7
T23-12-3.5	40mm length oscilloscope probe adapter for ϕ 3.5mm probe ground rings	\$7
T23-12-5	40mm length oscilloscope probe adapter for ϕ 5mm probe ground rings	\$7
T23-13	35mm length probe cable for connection to MicroGripper; see: http://www.emulation.com/170	\$6
T23-2	100mm length open-ended probe cable	\$3
T23-3	300mm length probe cable; ϕ 0.75mm male end	\$4
T23-4	90mm length probe cable; alligator clip end	\$4
T23-PC1	40mm length oscilloscope probe adapter for ϕ 0.4mm to ϕ 0.9mm probe tips	\$9
T23-PC2	40mm length oscilloscope probe adapter for ϕ 0.9mm to ϕ 1.4mm probe tips	\$9
T23-PL	40mm length oscilloscope probe adapter for M2.6 x 0.45 pitch probe tips; ϕ 8mm max probe head	\$8
T23-PS	40mm length oscilloscope probe adapter for M2.6 x 0.45 pitch probe tips; ϕ 6mm max probe head	\$8

EMULATION TECHNOLOGY

ET is celebrating its 22nd year of providing quality interconnect solutions for design and development engineers. The company's experience helping engineers create quality products and reducing costs associated with design, development, and time to market has made it the leader in this industry. Emulation Technology has more than 50,000 customers and operations in 23 countries worldwide. The company is privately held and is headquartered at 2344 Walsh Avenue, Bldg. F, Santa Clara, California 95051.

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