iceMASTER-SC

- PC-Hosted Via RS-232 Serial Link
- Interchangeable Probe Cards
- 256K Emulation Memory
- 16K Frame Trace Buffer
- 128K Hardware Breakpoints
- 128K Trace On/Off Triggers
- Supports Third-Party Assemblers & Compilers
- Full Symbolic & Source-Level Debug
- Built-In Low Cost Logic Analyzer
- Built-In Performance Analyzer

The iceMASTER-SC is a modular emulator for the MCS® 251 architecture where the emulator base unit uses interchangeable probe cards. The probe card plugs directly into a target application or operates in stand-alone mode. A 16K frame trace buffer captures data in real-time and can be viewed while code is still executing. Trace information consists of the code address, external data values and logic values from external probe clips. The trace buffer can be triggered to capture data on all instructions leading up to a breakpoint, around (before and after) a breakpoint, or following a breakpoint. Trace ON/OFF points are also available to filter data before storing in the trace buffer, allowing the user to focus only on areas of interest.

All iceMASTER emulators are controlled from a windowed user interface where commands can be accessed from pull-down menus or through redefinable hot keys. Full source-level debugging is available for most Assemblers and C-compilers. Once loaded into the emulator, the user can view code memory in assembly language, 'C' source code and a mixed mode where the assembly language instructions are shown directly below each high-level source code instruction.

MICROCONTROLLERS SUPPORTED:
8xC251Sx

DEVELOPMENT PLATFORMS:
PC (Non-Windows)

AVAILABILITY:
Now

CONTACT:
MetaLink Corporation
325 E. Elliot Rd., Suite 23
Chandler, AZ 85225
Phone: (602) 926-0797
FAX: (602) 926-1198
e-mail: sales@metaice.com
For international contacts, see Appendix B.