



## ISSI and Microcross Components Announce Agreement to Supply MIL Temp Memory

**SAN JOSE, Calif., and AUSTIN, Tex., March 3, 2011** – Integrated Silicon Solutions, Inc. (Nasdaq: ISSI), a leader in advanced memory solutions, and Microcross Components, a global provider of distributed and specialty electronic components, announce an agreement to supply MIL Temp memory to benefit military and other harsh environment applications. Under the agreement, Microcross will offer selected ISSI SDRAM, asynchronous SRAM and synchronous SRAM parts under the Microcross brand as Mil Temp memory, after certifying their operation to the extended military temperature range (i.e., -55°C to +125°C). While this agreement will certainly increase the availability of MIL Temp commercial-off-the-shelf (COTS) product in the marketplace, the most promising aspect of this venture is the decision to focus the offerings on ISSI's copper lead frame plastic packages. Microcross will be ISSI's exclusive provider for Mil Temp memory.

Copper lead frames offer significant benefits for high-temp, harsh environment applications. As component engineers and system designers know, copper enhances the long-term reliability of both parts and systems because of its superior thermal conductivity and its greater compatibility with the coefficient of thermal expansion (CTE) of most printed circuit boards (PCB's). "More simply," says Sean Long, director of marketing, industrial/medical/military for ISSI, "copper (1) dissipates heat faster, allowing systems to run cooler, and (2) results in more reliable solder joints because the leads and the PCB's expand and contract at the same rate. Since both of these factors play a significant role in making these parts viable options for high-temp, harsh-environment applications, we're excited that Microcross will be able to expand availability of these products to military and other specialty customers."

The first offerings, which can be previewed at [www.microcross.com/cotsipems](http://www.microcross.com/cotsipems), will be released in early April, with both companies committed to providing long-term product support to the line. "That's one of the shared values that made this business opportunity so attractive to us," says Jeff Kendziorski, Microcross' director of marketing & new product development. "ISSI's product life cycles are driven more by customer need, than market forces, so engineers and designers who incorporate these parts into their systems can do so with confidence, knowing that ISSI and Microcross will support their programs from start to finish."

### About ISSI

ISSI is a fabless semiconductor company that designs and markets high performance integrated circuits for the following key markets: (i) digital consumer electronics, (ii) networking, (iii) mobile communications, (iv) automotive electronics, and (v) industrial, medical, and military. The Company's primary products are high speed and low power SRAM and low and medium density DRAM, and with its acquisition of Si En, the company also designs and markets high performance analog and mixed signal integrated circuits. ISSI is headquartered in Silicon Valley with worldwide offices in Taiwan, Japan, Singapore, China, Europe, Hong Kong, India, and Korea. Visit our web site at <http://www.issi.com/>.

### About Microcross Components

Microcross Components is a global provider of specialized products & services and distributed components for the electronics community. Operating as a single source for specialty electronics, Microcross provides leadership in the design, manufacture, logistics and distribution processes necessary to support an application from start to finish. Microcross has been serving the Military & Aerospace customer for over 30 years and has been a certified QML supplier for more than 14 years, with over 1600 DLA listed products. For more information, please visit [www.microcross.com/cotsipems](http://www.microcross.com/cotsipems).

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