



For Immediate Release:

February 4, 2009

Austin Semiconductor Announces DSCC Approved 32Mb & 64Mb Hermetic Flash Multi-Chip Modules

Austin, Texas - Austin Semiconductor, Inc. (ASI), a leading supplier of high reliability (HI-REL) as well as, plastic encapsulated semiconductor products and services is pleased to announce the addition of two new DSCC approved hermetic flash multi-chip modules (MCM) to their extensive line of product and services.

The 32Mb and 64Mb flash multi-chip modules are available in a 66PGA or 68CQFP low profile ceramic package, and feature a reliable non-volatile high speed memory access of <70ns, very low operating (120mA max) and Std-by power (150uA), -55C to 125C temperature operation and boot block sector architecture. Ideal applications for the MCM's are core program boot code storage, navigation / GPS / radar, missile control & guidance, automotive & industrial applications, as well as weapons control & guidance.

"Austin Semiconductor has always been committed to producing the highest quality products to support both the space and defense markets. Release of these two new SMD products reaffirms our commitment to continue to supply the products required by our customers at the highest levels of quality and reliability." says Frank Muscolino, Vice President of Business Development of Austin Semiconductor.

FEATURES

- DSCC SMD 5962-09205 Approved (1M x 32)
- DSCC SMD 5962-08245 Approved (2M x 32)
- 32Mb device: total density, organized as 1M x 32
- 64Mb device: total density, organized as 2M x 32
- Bottom Boot Block (Sector) Architecture
- Operation with single 3.3V Supply
- Available in multiple Access time variations
- Individual byte control via individual byte selects (CSx)
- Low Power CMOS
- 100,000 Erase/Program Cycles
- Minimum 100,000 Program/Erase Cycles per sector guaranteed
- Sector Architecture: One 16K byte, two 8K byte, one 32K byte and thirty-one 64Kbyte sectors (byte mode)
- Any combination of sectors can be concurrently erased
- MCM supports full array (multi-chip) Erase
- Embedded Erase and Program Algorithms
- Erase Suspend/Resume: Supports reading data from or programming data to a sector not being Erased
- TTL Compatible Inputs and Outputs

Austin Semiconductor, Inc. has been supplying technology solutions to the high reliability marketplace for over twenty years. Being fully QML certified and ISO 9001 / AS9100 registered, Austin Semiconductor meets and exceeds the demands of the Military, Aerospace, Transportation, Industrial-Embedded and Medical Diagnostic markets. Current product offerings include I/C components and Multi-Chip Modules, as well as, integrated product solutions to their customers through a broad line of HI-REL Ceramic products, Integrated Plastic Encapsulated Microcircuits (iPEM), Commercial-Off-The-Shelf (COTS) up-screened products and a Solid State Disk. Austin Semiconductor is located in Austin, Texas and works with their sister company, TS2 Micro in Alton, England to provide optimum products and services for the world wide high-reliability marketplace. For more information, please visit our website at www.austinsemiconductor.com.

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