



**For Immediate Release:**  
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### **Austin Semiconductor, Inc. launches new 64MEG Flash Memory Module**

**Austin, Texas** - Austin Semiconductor, Inc. (ASI), a leading supplier of high reliability (HI-REL) as well as, ruggedized plastic encapsulated semiconductor products and services, announces a new 64 Megabit (2M x 32), 68 pin CQFP (ceramic quad flat pack) flash memory component. The AS8F2M32, is a Multi-Chip Package (MCP) and designed to be programmed in-system with a single 5.0-volt, VCC supply. This 64-Megabit device is offered with access times of 90ns to 150ns, and allows for the long-term non-volatile storage of the micro-code for the end platforms computational core. To eliminate bus contention, the device has separate chip enables (CE\), for each byte, write enable (WE\), and output enable (OE\), controls.

A complete datasheet is available for download at [www.austinsemiconductor.com](http://www.austinsemiconductor.com). ASI continues to show their supports to HI-REL markets by continuously adding products such as the AS8F2M32 to their already comprehensive product portfolio.

#### **AS8F2M32 features include:**

- Fast access times of 90ns, 120ns, and 150ns
- 5.0V  $\pm$ 10%, single power supply operation
- Low power consumption (TYP): 4 $\mu$ A CMOS stand-by
  - \* TYP ICC (active) <120mA for READ/WRITE
- 20 year data retention
- 100,000 program/erase cycles
- 32 equal sectors of 64 Kbytes each
- Any combination of sectors can be erased
- Group sector protection
- Supports full chip erase
- Compatible with JEDEC standards
- Embedded erase and program algorithms
- Data\ polling and toggle bits for detection of program or erase cycle completion
- Erase suspend / resume
- Hardware reset pin (RESET\)
- Built in decoupling caps and multiple ground pins for low noise operation
- Separate Power and Ground pines to improve noise immunity

Austin Semiconductor, Inc. (ASI) is a fully QML certified, ISO registered company that supports the high reliability requirements of industries including Military, Aerospace, Transportation and Medical<sup>1</sup>. ASI offers I/C components and modules / MCM's to their customers through a broad line of HI-REL and COTS products composed of standard & specialty memory and digital & analog solutions that are available in a wide array of ceramic and plastic packages. ASI also offers DMS services, obsolescence support and radiation tolerant products. ASI designs, develops and manufacturers these products exclusively for the global HI-REL marketplace and service industry through our locations in Austin, TX and Alton, UK.

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<sup>1</sup> Diagnostic/Monitoring, Non-Life support Medical Applications

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