



For Immediate Release:

November 2, 2006

**Austin Semiconductor, Inc. launches new Asynchronous SRAM iPEM
16Mb, 512K x 32, 5.0V, SRAM in 68LD. PLCC**

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 the product release of an asynchronous SRAM device grouping within its iPEM family. The first of the asynchronous iPEM's is a 16Mb, 512K x 32, 5.0V, SRAM packaged in a 68LD.-PLCC. This Austin Semiconductor product family is based on integrated multiple silicon devices, manufactured on an organic laminate micro-substrate with integral lead-frame and then encapsulated using industry standard plastic materials (iPEM).

This product is available today, currently sampling 15ns devices at full military temperature and 12ns devices available for our enhanced (-40C to +105C) temperature range. Production orders are being accepted now, lead-time and unit pricing available via all Austin Semiconductor sales channels. A complete datasheet is available for download at www.austinsemiconductor.com. ASI continues to show their support to HI-REL markets by continuously developing products defined for use in these environments.

AS8S512K32PEC features include:

- Total Density: 16Mb, Organized as 512K x 32
- Fast Access Speeds = 12, 15, 17 and 20ns
- 5.0v +/- 0.25V Power Supply
- Fully Static: No Clocks
- No Refresh Cycles or Operational Latency
- Parallel READ/WRITE Interface
- TTL Compatible I/O
- User Configurable as x32, x16 or x8 via Multiple Enables (E0\, E1\, E2\, E3\, W\, G\)
- Small, Surface Mount Footprint: 0.990 Sq. Inch
- 68-Lead PLCC, JEDEC M0-47AE Package
- Multiple Power and Ground Pins, Minimizing Switching Noise

Austin Semiconductor, Inc. (ASI) is proactively and aggressively changing the component availability landscape for integrated components for use in Hi-Reliability and harsh environments. We have an aggressive development plan for our iPEM product offerings, including additional Asynchronous SRAM devices, a 16Mb, 512K x 32, 3.3v version as well as a 64Mb, 3.3v, 2M x 32 upgrade device, later this year. For additional information on these Asynchronous iPEM devices or for many other product solutions, please contact us or visit our newly enhanced website at www.austinsemiconductor.com.

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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 Medical¹. 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 manufactures these products exclusively for the global HI-REL marketplace and service industry.

For additional information, contact:
David Harrison, VP of Market Development
dharrison@austinsemiconductor.com
Main: 512.339.1188 x7169
Direct: 603.472.7477
Mobile:508.380.0495

¹ Diagnostic/Monitoring, Non-Life support Medical Applications

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