



SMART Modular Technologies Introduces 2GB DDR2 Mini-DIMMs for Next-Generation Telecom and Network Blade Applications

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FREMONT, CA -- (MARKET WIRE) -- 07/18/2005 -- SMART Modular Technologies, a leading independent manufacturer of memory module products and services, introduces DDR2 Mini-DIMMs now available in 2GB densities to support next-generation telecom and network blade applications, many of which require high-density memory modules in small form factors.

Optimized for use in blade and single board computer (SBC) applications, the new DDR2 Mini-DIMMs are offered in registered and unbuffered versions to meet growing OEM needs for increased memory capacity and reduced board space. SMART's comprehensive, high-density DDR2 product line serves current-generation as well as cutting-edge new blade server and communications designs.

According to a forecast published in May 2005 by Semico Research Corp., communications and server applications are expected to be the leading drivers for the DRAM market over the next few years. Emerging blade applications place similar demands on DRAM -- more memory in a smaller footprint. With the addition of 2GB densities, SMART's DDR2 Mini-DIMM product offerings satisfy a wide range of these applications in terms of performance, density requirements, reliability, and price.

Specifically designed to meet the vibration specifications for telecommunications applications, SMART's Mini-DIMMs can use robust vertical, angled (22.5 degrees), and right-angle connectors. The right-angle connector option meets tight vertical clearance constraints while offering the additional advantage of board space underneath for passive devices. Each connector type is targeted to meet stringent Network Equipment Building Systems (NEBS)-type reliability test requirements. In addition, SMART Mini-DIMMs are equipped with built-in error correction code (ECC) for data-sensitive applications.

Measuring only 30 mm in height, SMART's JEDEC-derivative Mini-DIMMs support current and emerging OEM applications and have been designed to meet RoHS and Pb-free industry specifications. SMART offers Mini-DIMMs in 128MB, 256MB, 512MB, 1GB, and now 2 GB densities, as shown in the table below.

SMART P/N	Type	Module Density	Module Config	Device Config.
SG572568HG8RRuu	Reg	2 GB	256Mx72	128Mx8
SG572288FG8RWuu	Reg	1 GB	128Mx72	128Mx8
SG572648FG8RZuu	Reg	512 MB	64Mx72	64Mx8
SG572328FG8RWuu	Reg	256 MB	32Mx72	32Mx8
SG564163FG8RWuu	Reg	128 MB	16Mx72	16Mx16
SG572568HG8SWuu	Unb	2 GB	256Mx72	128Mx8
SG572288FG8SWuu	Unb	1 GB	128Mx72	128Mx8
SG572648FG8SZuu	Unb	512 MB	64Mx72	64Mx8
SG572328FG8SWuu	Unb	256 MB	32Mx72	32Mx8

Prefix 'SG' = RoHS Compliant

Suffix options for 'uu': 'DB'=PC2-3200 3-3-3; 'DG'=PC2-4200 4-4-4 or

'IL'=PC2-5300 5-5-5

About SMART

SMART Modular Technologies is a leading provider of memory products and liquid-crystal display (LCD) solutions, offering more than 500 standard and custom products to top-tier OEMs working in computer, industrial, networking, gaming, telecommunications, and embedded applications. Taking innovations from the design stage through manufacturing and delivery, SMART has developed a comprehensive memory product line that includes DRAM, SRAM, and Flash in various form factors. The Display Products Group operates from two locations, the U.S. and Asia (through its affiliate, Estecom), allowing it to quickly and cost-effectively deliver worldwide thin film transistors (TFT) LCD solutions to customers developing casino gaming systems as well as embedded applications such as kiosk, ATM, point-of-service, and industrial control systems. Manufacturing facilities, design centers, and sales offices in the U.S., Europe, Asia, and Latin America enable SMART to provide its customers with proven expertise in international logistics, asset management, and supply chain management.

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