

NEC Electronics America, Inc.
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MEMORY PRODUCTS

Fact Sheet
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NEC Electronics America provides an extensive lineup of memory products with high capacities, high speeds and small sizes for the wired and wireless communications markets.

Fast SRAM for Wired Communications Market

NEC Electronics America offers numerous fast SRAM solutions to meet the price/performance requirements of a variety of end products.

- ◆ Asynchronous SRAM
- ◆ Standard synchronous SRAM
- ◆ Late-write synchronous SRAM
- ◆ ZEROSB™ SRAM
- ◆ DDRII SRAM
- ◆ QDRII SRAM

Pseudo-SRAM and Mobile-Specified RAM for Wireless Communications Market

NEC Electronics America . . .

- ◆ Functionally compatible with low-power SRAM but with DRAM cells to enable a capacity much higher than could be achieved with conventional SRAM
- ◆ Low current consumption; standby current in 64 Mb device is 100 μ A or less)
- ◆ Page read and data hold capacity select functions in 128, 64 and 32 Mb products
- ◆ 128 Mb products compliant with COSMORAM specification (the specification adopted by Fujitsu, Toshiba and NEC Electronics for pseudo-SRAM, making it possible for the companies to serve as second sources for each other)
- ◆ Small FBGA package and wide operating temperature range
- ◆ Suitable for cell phones and a number of other applications

NEC Electronics America, Inc.

NEC Electronics America, headquartered in Santa Clara, California, is a wholly owned subsidiary of NEC Electronics Corporation (TSE: 6723), a leading provider of semiconductor products encompassing advanced technology solutions for the broadband and communications markets; system solutions for the mobile, PC, automotive and digital consumer markets; and platform solutions for a wide range of customer applications. NEC Electronics America offers a local manufacturing facility in Roseville, California, and the global manufacturing capabilities of its parent company. NEC Electronics America is also the marketing and sales channel in the Americas for industrial-type active-matrix LCDs from NEC LCD Technologies, Ltd., a global leader in innovative display technologies. More information about the products offered by NEC Electronics America, Inc. can be found at <http://www.am.necel.com>.

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