

NEC ELECTRONICS AMERICA, INC.

MANUFACTURING PLANT
7501 Foothills Boulevard
Roseville, California 95747-6565

HEADQUARTERS

2880 Scott Boulevard
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U.S. MANUFACTURING FACT SHEET JULY 2008

In 1982, NEC Corporation became the first Japanese company to invest in semiconductor manufacturing in the U.S. Today the NEC Electronics America plant, located in Roseville (near Sacramento) in California, encompasses 709,000 square feet on 153 acres and has an employee population of approximately 800. The Roseville site has low seismic activity and is only a two-and-a-half-hour drive away from NEC Electronics America's corporate headquarters, in the heart of Silicon Valley.

By having a manufacturing plant in the U.S., NEC Electronics America is making sure its customers have access to exceptional local support, high-quality local design processes and reliability/quality assurance services, lean and cost-conscious local manufacturing and seamless access to both local and global resources.

Features

- Continual expansion since its opening in 1984
- Class 1 (ISO class 3) clean rooms
- Operation 24 hours a day, seven days a week
- Design flow for customer-owned tools (COT)
- Statistical process control (SPC) tool to minimize manufacturing variability
- Back-end design services using leading-edge layout tools
- Special I/O or cell development
- Experienced design and production engineers
- Local support backed by global resources
- ISO 9000-certified quality management system
- ISO 14001-certified environmental management system
- ISO/TS 16949:2002-certified automotive quality management system

Major Markets Served

Automotive, computer, consumer

Environmental and Community Awards and Recognition

- Four-time recipient of “WasteWise Mid-Size Partner of the Year Award” from the U.S. Environmental Protection Agency in recognition of efforts to recycle and reuse product
- Recipient of “WasteWise Program Champion Award” from the U.S. Environmental Protection Agency in recognition of successful waste reduction program
- Six-time recipient of “WRAP Award” from the California Environmental Protection Agency in recognition of efforts to reduce, recycle and reuse
- Recipient of 2004 and 2006 “Artie Awards” from the City of Roseville's Cultural Arts Commission and the Art Council of Placer County in recognition of sponsorship and volunteer activities at the One Root Festival

History

1982:	Began construction of 5-inch wafer fab (K Line) with initial investment of \$100M
1984:	Completed K-Line and began producing 64 Kb DRAM on 5-inch wafers
1991:	Completed M-Line and began producing 4 Mb DRAM on 6-inch wafers
1994:	Expanded building space (170,000 square feet)
1994:	Eliminated all chlorofluorocarbons (CFCs)
1994:	Implemented 0.5-micron process technology
1997:	Implemented 0.35-micron process technology
1999:	Implemented 0.25-micron process technology
2001:	Began offering foundry services
2007:	Implemented 0.15-micron wafer process technology on new 8-inch fabrication line

NEC Electronics America, Inc.

NEC Electronics America, Inc., 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 multi-market 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 LCD modules from NEC Technologies, Ltd., a global leader in innovative display technologies. More information about NEC Electronics America can be found at <http://www.am.necel.com>.

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