

FACT SHEET

NEC Electronics America, Inc.

ADVANCED SYSTEM-LEVEL INTEGRATION CAPABILITIES

- › Customized solutions to meet customers' cost, performance and time-to-market requirements
- › Easy upgrades to more highly integrated next-generation designs
- › Extensive IP core portfolio
- › Leading-edge design tools and methodologies
- › Wide range of lead-free packaging options

LOCAL AND GLOBAL MANUFACTURING

- › Local production at the company's 709,000-square-foot manufacturing facility in Roseville, California
- › Global production, including 90 nm and 55 nm process technologies, at the worldwide manufacturing facilities of parent company
- › Local foundry services and design support

NEC Electronics America is a developer, manufacturer and supplier of semiconductor-based advanced technology solutions, system solutions and multi-market IC solutions.

A wholly owned subsidiary of NEC Electronics Corporation, the company offers to the Americas a broad range of semiconductor solutions comprising standard and custom products, all backed by outstanding local support and global manufacturing resources.

An extensive network of regional sales, representative and distributor offices serves customers throughout the Americas. In addition, NEC Electronics America is the sales and marketing channel in the Americas for industrial-type active-matrix LCD modules from NEC LCD Technologies, Ltd.



YUICHI KAWAKAMI
President and CEO
Chairman of the Board

Established:

1981

Headquarters:

2880 Scott Boulevard
Santa Clara, CA 95050-2554

Manufacturing:

7501 Foothills Boulevard
Roseville, CA 95747-6565

PRODUCTS

With an inventory of more than 5,000 device types, NEC Electronics America offers innovative products and design and development tools for a variety of applications.

ASICs

- › SoC Design Solutions including application-specific and high-speed interface cores
 - » USB 3.0
 - » PCI Express™
 - » Serial ATA
- › Full-service COT with embedded DRAM
- › Gate arrays and embedded arrays
- › Standard cells

AUTOMOTIVE ASSPs

- › 8-, 16- and 32-bit microcontrollers supporting CAN, LIN and FlexRay™ protocols
- › Optimized peripherals for safety, body, audio and dashboard systems
- › System LSI products for audio, connectivity and navigation systems
- › Vision processors for advanced safety systems

COMMUNICATIONS AND CONSUMER ASSPs

- › Advanced memory buffer (AMB)
- › Embedded DRAM buffer IC for mobile VGA graphics
- › EMMA®-based MPEG encoders, decoders and codecs for STB, DTV, DVD and handheld devices
- › USB 2.0/USB 3.0 and Wireless USB products

FLAT PANEL DISPLAY MODULES

- › AM-LCD modules (2.7 to 23-inch)

MEMORY PRODUCTS

- › FIFO memory
- › Low-power SRAM
- › Asynchronous fast SRAM
- › QDRII SRAM
- › DDRII SRAM
- › Low-latency DRAM

MICROCONTROLLERS

- › 8- and 16-bit 78K microcontrollers
- › 32-bit V850™ microcontrollers

POWER MANAGEMENT DEVICES

- › ESD protection diodes
- › Low-dropout voltage regulators
- › Low-voltage power MOSFETs
- › Power management ICs