



Innovation in a Flash.

SPANSION. REDEFINING THE NOR FLASH MEMORY INDUSTRY.

FLASH FORWARD





Spansion Enabling a More Mobile, Digital Media-Rich Global Society

Flash memory is one of the most exciting and fastest growing segments of the semiconductor industry. In fact, Flash memory is incorporated into nearly all of today's electronic devices – from cell phones, cars, printers, networking equipment, set-top boxes, and high-definition TVs, to electronic games and other consumer electronics.

As people continue to demand more multimedia content in their homes, at work and on the go, and as electronic products become increasingly complex, the amount of Flash memory in electronic devices will continue to grow.

Spansion is the world's largest company exclusively focused on Flash memory – with a complete family of Flash memory solutions that enables electronic products to operate - from running the operating system and applications to storing digital, media-rich content. With a primary focus on the integrated Flash memory market, our solutions are incorporated into electronic products from Original Equipment Manufacturers (OEMs), including the top ten handset, consumer electronics and automotive OEMs around the world.

THE INTEGRATED FLASH MEMORY CATEGORY

Spansion is a leading provider of Flash memory solutions to the integrated Flash memory category, where Flash memory is integrated into electronic devices. The integrated category includes products such as cell phones, cars, printers, high-definition TVs, and set-top boxes.

By focusing on the integrated category, Spansion has the opportunity to differentiate through value-added solutions that help our customers to innovate with faster time to market, more efficiently.



KEY FACTS AT-A-GLANCE

Largest company exclusively dedicated to Flash memory

\$2.6 billion revenue

Top OEM customers

- Top 10 mobile phones
- Top 10 consumer electronics
- Top 10 automotive

9,400+ employees worldwide

Proprietary MirrorBit® technology



MirrorBit® Technology

The Foundation for Value-Added Flash Memory Solutions



OUR PROPRIETARY MIRRORBIT® TECHNOLOGY

MirrorBit technology is Spansion's proprietary, patented technology, which forms the foundation for enabling cost-effective, smaller and more powerful Flash memory solutions optimized for both code execution and data storage.

MirrorBit Quad Technology for Content Delivery Solutions

MirrorBit Quad Technology stores a charge that equates to four-bits-per-cell or 16 different states doubling the storage density compared to the two-bits-per-cell and four states implemented today. This means not only great capacity and smaller die sizes, but also lower costs, enabling MirrorBit technology to address new applications and reduce the cost of storing significant amounts of digital content inside electronic devices.



MIRRORBIT® TECHNOLOGY AT-A-GLANCE

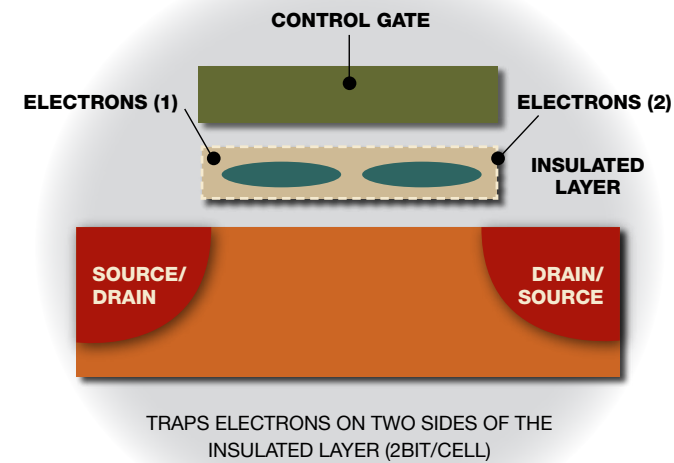
- Highly flexible & adaptable technology
- Optimal Flash memory technology for logic integration
- Scalable to advanced process nodes and higher densities
- Product families optimized for wireless and embedded applications
- Total sales of \$1.3 billion in 2006

Within a single technology platform, MirrorBit technology has demonstrated the ability to scale to meet the needs of customers and a variety of applications such as automotive infotainment systems, cell phones, consumer electronics, and networking equipment for the home and enterprise to name a few.

With higher performance and more flexibility than competitive floating-gate NOR technologies, MirrorBit technology requires 40 percent fewer of the most critical manufacturing steps, resulting in a broad variety of cost-effective Flash memory solutions featuring NOR, serial peripheral (SPI) and NAND interfaces, as well as solutions with integrated logic – all from the same manufacturing lines and process flows.

MirrorBit technology provides the foundation for Spansion's NOR, SPI, ORNAND™, HD-SIM™ and Quad solutions that address a wide range of our customers' code and data storage requirements in the integrated market.

MIRRORBIT® TECHNOLOGY



Cross-section of a cell. A revolutionary approach, MirrorBit technology stores information in a non-conducting storage medium in two separate locations, thus doubling the storage capacity of a floating-gate cell.

SPANSION® SECURE TECHNOLOGY — PROTECTING AND SECURING DATA AND CONTENT

Spansion Secure is the company's secure Flash strategy, designed to embed a range of encryption, authentication and other security features inside Spansion Flash memory solutions, enabling protection of valuable consumer data, content and code. The first line of products with these security capabilities have been developed for handsets. By securing the handset's memory – both the embedded memory and the SIM card – Spansion is playing a vital role in securing applications such as mobile commerce, DRM, and account access.

INNOVATIVE LOGIC-ON-FLASH SOLUTIONS

MirrorBit technology easily integrates with logic—up to one million gates—and can therefore be used to build powerful logic-on-Flash solutions that create new categories of products and applications for our OEM customers as well as mobile operators.

One example of our logic-on-Flash capabilities is the MirrorBit HD-SIM solution. Leveraging Spansion Secure technology, Spansion's high-capacity SIM card chip combines MirrorBit ORNAND with a CPU and a cryptography engine in a single die. The result is a SIM card that is secure and has 1,000 times the capacity of today's SIM cards as well as a lower cost structure.



Our Promise to Our Customers: To Deliver More Genuine Value in Everything we do.

In addition to MirrorBit technology, we intend to deliver more genuine value even in the way we interact with customers and partners to bring them complete customer satisfaction. We call this our promise – to deliver more genuine value. Through innovative technology, total solutions and complete customer satisfaction, as well as an efficient manufacturing operation, Spansion helps customers innovate more quickly and more broadly.



Researchers throughout our global organization develop the latest technology at Spansion's Submicron Development Center (SDC) in Sunnyvale. And our assembly and final testing facilities in Penang, Kuala Lumpur, Bangkok and Suzhou allow us to respond to demand on a global scale. Spansion has nine specialized centers of design and excellence - dedicated to the seamless integration of Spansion solutions into a variety of end products and delivering maximum system-level performance.

TOP SUPPLIER AWARDS FROM CUSTOMERS

We are proud of the recognition we receive from our customers and partners. The recognition we get from our customers proves that we're well on our way to achieving our goals. The following customers have given Spansion special recognition as preferred partners or suppliers to their companies.

CISCO | INVENTEC | LENOVO | RICOH | SAMSUNG | SIEMENS



Spansion aspires to be a very different kind of Flash memory company. While the memory industry has operated primarily as a commodity industry, with little differentiation among products and competition based mostly on supply and demand, Spansion has the vision to completely redefine what it means to be a Flash memory company. From total Flash memory solutions that incorporate software, hardware, packaging and are fully verified and compatible with third-party silicon, to innovative solutions that combine logic and Flash memory on a single-chip, our goal is to accelerate the proliferation and accessibility of rich digital content throughout the world.

SYSTEMS AND SOLUTIONS EXPERTISE IN SOFTWARE AND HARDWARE

Our world-class, system-level design support leverages the expertise of a dedicated software development team and design engineers to partner with customers and complementary silicon and software providers to optimize our solutions at a system level and create complete memory subsystems and solutions.

We support our Flash devices with complete software support and have a broad range of packaging options, including multi-chip packages (MCP), package-on-package, (POP) and known good die (KGD), which bring more value to customers in their desire to reduce board space and form factors.

EFFICIENCY THAT BENEFITS CUSTOMERS

Spansion has a maniacal focus on efficiency – both our own operating and manufacturing efficiency as well as the ability to deliver greater efficiency to customers. For example, in certain embedded applications such as automotive and networking, product life cycles can extend up to 10 years. We are committed to supporting these long product life cycles, and to ensuring a customer-friendly obsolescence strategy.

Our Universal Footprint ensures package and pin-out compatibility, enabling customers to develop multiple product models in the shortest time-to-market, without having to redesign their boards or software.

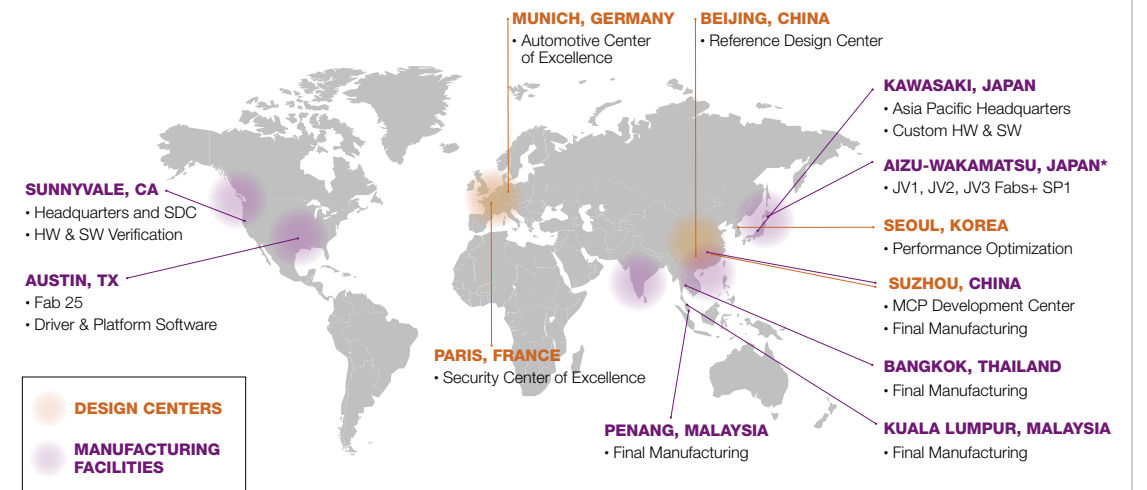
For handset OEMs, we offer a single-platform approach to allow handset designers the option to scale the Flash memory required for each market segment – from basic entry-level phones up to very high-end, fully featured phones simply by varying the quantity of code storage (MirrorBit NOR) or data storage (MirrorBit ORNAND) contained in the system, with common software that reduces the time and cost for developing new handsets.

ADVANCED MANUFACTURING

Between our advanced wafer fabrication facilities in Austin, Texas and Aizu-Wakamatsu, Japan and added, flexible capacity through foundry partnerships with companies such as TSMC, and Fujitsu*, Spansion is able to focus on leading-edge technology development while maintaining low-cost, state-of-the-art and reliable manufacturing support for our customers.

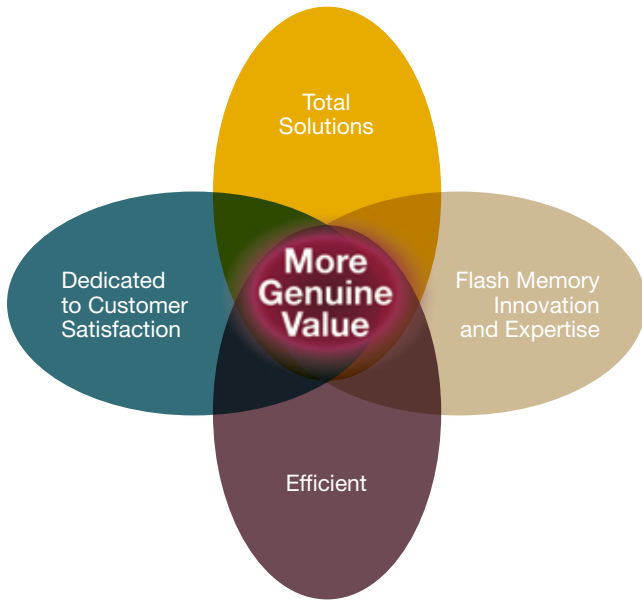
Our MirrorBit technology roadmap features the transition to a new process node per year, and has enabled us to significantly accelerate our move to newer technologies thereby increasing our overall capacity and the capabilities of our products. By late 2007 we plan to be producing 65nm MirrorBit Flash memory devices at our new 300mm wafer manufacturing facility in Aizu-Wakamatsu, Japan, followed by 45nm in production by mid 2008.

POWERING DIGITAL INNOVATION AROUND THE WORLD WITH SPANSION® FLASH MEMORY SOLUTIONS



*Spansion announced plans to sell JV1 and JV2 manufacturing facilities to Fujitsu, the sale is expected to be finalized in Q2.





**INNOVATE MORE QUICKLY, MORE EFFICIENTLY
AND MORE BROADLY WITH SPANSION**

Spansion's expertise and dedication to Flash memory solutions can help customers expand their market opportunities and deliver differentiation in their electronic products more quickly, more efficiently and to broader sets of audiences. We are committed to partnering with customers around the world to deliver value-added Flash memory solutions that will enable new innovation and make an impact on society.

CONTACT SPANSION AT WWW.SPANSION.COM TO LEARN MORE ABOUT US.

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MARCH 2007