



Company Profile

STMicroelectronics was created in 1987 by the merger of SGS Microelettronica of Italy and Thomson Semiconducteurs of France with the aim of becoming a world leader in the sub-micron era. The new company pursued an aggressive growth strategy, investing heavily in R&D, forging strategic alliances with blue-chip customers and academia, building up an integrated presence in major economic regions, and honing one of the world's most efficient manufacturing operations.

Since its formation, ST has grown faster than the semiconductor industry as a whole and it has been one of the world's Top Ten semiconductor suppliers since 1999. Today, an unrivalled combination of silicon and system expertise, manufacturing strength, Intellectual Property (IP) portfolio, industrial and academic partnerships, and one of the industry's broadest product ranges makes ST a world leader in developing and delivering semiconductor solutions across the spectrum of microelectronics applications.

Market Position

ST is one of the world's largest semiconductor companies, with net revenues of US\$8.88 billion in 2005 and market leadership that is spread across many fields. For example, according to the latest industry data, ST is the world's fifth largest semiconductor company and has leading positions in sales of Analog Products, Application Specific Integrated Circuits ("ASICs") and Application Specific Standard Products ("ASSPs"). ST is also number one in camera modules, number two in discrete and analog, and number three in NOR Flash, as well as in the application segments of Automotive, Industrial, and Wireless. ST is also a leading supplier of semiconductor for set-top boxes, smart cards, and power management devices. Furthermore, ST was the 3rd biggest semiconductor supplier in China in 2005.

Product Portfolio

ST offers one of the world's broadest product ranges, with over 3,000 main types of products. The carefully balanced portfolio includes both application-specific products containing a large proprietary IP content and multi-segment products that range from discrete devices to high-performance microcontrollers. The Company's sales are well balanced between the industry's five major high-growth sectors: Communications (35%), Consumer (17%), Computer (17%), Automotive (16%) and Industrial (15%). ST pioneered and continues to refine the use of platform-based design methodologies for complex ICs in demanding applications such as set-top boxes, secure smart cards and mobile multimedia, which minimizes development time and cost. The balanced portfolio approach allows ST to address the needs of all microelectronics users, from global strategic customers for whom ST is the partner of choice for major System-on-Chip (SoC) projects to local enterprises that need fully-supported general-purpose devices.

Manufacturing Machine

ST has leading-edge manufacturing facilities on four continents. The Company currently has 200mm wafer fabs in Agrate Brianza (Italy), Catania (Italy), Crolles (France), Phoenix (USA), Rousset (France), and Singapore. Furthermore, a new 300mm manufacturing facility is currently under construction in Catania, Italy, and the Company is ramping up production from a 12-inch pilot line called Crolles2, in partnership with Freescale and the semiconductor arm of Philips. The Crolles2 Alliance operation is also host to the joint-development program among the three companies to develop leading-edge CMOS process technology down to the 32nm node, in conjunction with TSMC for process alignment. The wafer fabs are complemented by highly efficient assembly and test facilities located in China, Malaysia, Malta, and Morocco.

Research and Development

Since its creation, ST has exhibited an unwavering commitment to R&D. In 2005, ST spent US\$1.63 billion in R&D, which was some 18.3% of its 2005 revenues. That effort produced 794 patent applications in 2005, maintaining ST's track record as one of the industry's most innovative and prolific inventors. ST is also active in numerous collaborative research projects worldwide as well as playing a key role in Europe's advanced technology research programs such as MEDEA+ and the framework programs of the European Union. It is also a leader in important forward-looking industry initiatives such as ENIAC (European Nanoelectronics Initiative Advisory Council) at the European level or the "Poles de Compétitivité" (e.g. Minalogic near Grenoble and SCS in the Provence area) at the regional level.

The Knowledge Network

ST has developed a worldwide network of strategic alliances, including product development with key customers, technology development with customers and other semiconductor manufacturers, and equipment- and CAD-development alliances with major suppliers. These industrial partnerships are complemented by a wide range of research programs conducted with leading universities and research institutes around the world. By augmenting its rich portfolio of proprietary technologies and core competencies with complementary expertise from a variety of carefully chosen strategic partners, ST has developed an unsurpassed capability to offer leading-edge solutions to customers in all segments of the electronics industry.

Many of ST's development research and programs are managed by its AST (Advanced System Technology) organization, whose mission is to develop the strategic system knowledge that will be required within 3-5 years by ST's product divisions. Among AST's significant recent achievements are innovative technologies for digital consumer, networking, mobile security, and on-chip interconnect.

Total Quality and Corporate Responsibility

ST's technical, marketing, and manufacturing strengths are matched and further enhanced by an unwavering commitment to Total Quality and Corporate Responsibility (TQCR) that has earned prestigious awards around the world. Since 1991, the Company's sites have received more than 70 awards for excellence in all areas of Corporate Responsibility, from quality to corporate governance, social issues and environmental protection.

ST's commitment to environmental responsibility has resulted in substantial reductions over the years in the consumption of energy, water, paper, and hazardous chemicals, increased recycling of waste products and a significant cut in greenhouse-gas emissions. ST has constantly pushed the boundaries of excellence in Corporate Responsibility, achieving outstanding performance in key areas such as occupational health and safety – including the certification of all 16 manufacturing sites and 4 non-manufacturing sites to the international standard OHSAS 18001 – the application of low-power technology to its wide product range and bridging the digital divide through the Digital Unify Program, led by the STMicroelectronics Foundation.

Facts and Figures

Since December 8, 1994, when ST completed its initial public offering, the Company's shares have been traded on the New York Stock Exchange (NYSE: STM) and on Euronext Paris; since June 1998, ST has also been listed in Milan on Borsa Italiana. The Company now has around 900 million outstanding shares, 72.4% of which are publicly traded on the various stock exchanges. The balance of the shares is held by STMicroelectronics Holding II B.V., a company whose shareholders are Cassa Depositi e Prestiti and Finmeccanica of Italy, and Areva of France.

The group totals close to 50,000 employees, 16 advanced research and development units, 39 design and application centers, 16 main manufacturing sites and 78 sales offices in 36 countries.

Corporate Headquarters, as well as the headquarters for Europe and for Emerging Markets, are in Geneva. The Company's U.S. Headquarters are in Carrollton (Texas); those for Asia/Pacific are based in Singapore and Japanese operations are headquartered in Tokyo. The recently-established "Greater China" region that includes Hong-Kong, China and Taiwan is headquartered in Shanghai.

As convergence continues to propel the electronics industry, ST's combination of world-leading customers,

Related Topics

- [Company Presentation](#)
- [Corporate Governance at ST](#)
- [Product Range](#)
- [Latest News](#)
- [Technical/Products Press Releases](#)
- [Corporate Press Releases](#)
- [Backgrounders](#)
- [Executive officers](#)
- [ST Journal](#)
- [Events](#)
- [Advertising](#)
- [General Terms & Conditions of Purchase for Sellers](#)
- [Glossary](#)

Contacts

- [Sales Offices](#)
- [Distributors](#)
- [Press Relations](#)
- [Investor Relations](#)

system mastery and leading-edge technologies ensure that the Company will continue leading the industry.

March 2006



All rights reserved © 2006 STMicroelectronics :: [Terms Of Use](#) :: [Privacy Policy](#)