

Analyzing the US Semiconductors Industry

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Abstracts

The first five years of the 1990s were a period of tremendous growth for the semiconductor materials industry. The increase in production of computers swelled the need for semiconductors, as did the significant increase in semiconductor orders from the communications industry, various consumer products manufacturers, and the automotive industry. The US re-emerged over Japan as the largest producer of semiconductors in 1995.

The United States faces a growing threat to its leadership of the world semiconductor industry. A combination of market forces and foreign industrial policies is creating powerful incentives to shift new chip production offshore. If this trend continues, the U.S. lead in chip manufacturing, equipment, and design may well erode, with important and unpleasant consequences for U.S. productivity growth and, ultimately, the country's economic and military security. To address this challenge, U.S. industry and the government need to cooperate to determine their response.

The US represents a leading market for semiconductors, primarily due to its vast electronic-based sectors. In 2010, the US semiconductors market is forecast to have a value of \$55.4 billion, an increase of 29% since 2005. Integrated circuits are the leading sector in the semiconductors market generating 89.1% of the market's value.

Aruvian's R'search presents an analysis of the US Semiconductors Industry - Analyzing the US Semiconductors Industry - complete with an in depth profile of the global semiconductors industry and the basics of semiconductors as well. Data included in the report include trade statistics, industry statistics, growth drivers, issues and challenges facing the industry, impact of the semiconductor industry on gross margins, and much more. An analysis of the US Semiconductor Industry includes product analysis, market segment analysis, competition in the industry, market value, and the recent developments in technology.

A section on the importance of technological innovation in the semiconductors industry and the economic features of the global semiconductors industry adds value to the research report, which also includes in depth profiles of the leading industry players such as Intel, Samsung, Texas Instrument, and many more.

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I.1 Advanced Micro Devices, Inc.

I.2 Infineon Technologies AG

I.3 Intel Corporation

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