

Finfet Technology Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Technology (7nm, 10nm, 14nm, 26nm, 22nm, and Others), By End User (Smartphones, Consumer Electronics, Automotive, and Others), By Region, By Competition, 2019-2029F

<https://marketpublishers.com/r/F4081C84F715EN.html>

Date: June 2024

Pages: 181

Price: US\$ 4,900.00 (Single User License)

ID: F4081C84F715EN

Abstracts

Global Finfet Technology Market was valued at USD 26.74 Billion in 2023 and is anticipated to project robust growth in the forecast period with a CAGR of 22.45% through 2029. FinFET (Fin Field-Effect Transistor) technology represents a revolutionary advancement in semiconductor design, fundamentally altering the landscape of electronic devices and integrated circuits. Emerging as a solution to the limitations of traditional planar transistors, FinFET technology is characterized by its unique three-dimensional structure, which significantly enhances performance, power efficiency, and scalability. This innovation is driven by the need to continue Moore's Law, ensuring the continued miniaturization and efficiency gains in semiconductor devices. The market for FinFET technology encompasses a broad array of applications, including consumer electronics, automotive, telecommunications, and data centers, among others.

Key Market Drivers

Enhanced Performance and Power Efficiency

One of the primary market drivers for FinFET technology is its enhanced performance and power efficiency compared to traditional planar transistors. As semiconductor technology progresses, the demand for devices with higher speed, better performance,

and lower power consumption becomes more critical. FinFET transistors, with their three-dimensional structure, provide better control over the channel, which significantly reduces leakage current and power consumption. This improvement is particularly crucial for battery-operated devices such as smartphones, laptops, and wearable technology, where battery life is a major selling point. Moreover, FinFET technology allows for higher drive current, which enhances the performance of processors, making them faster and more efficient. This performance boost is essential for applications requiring high computational power, including artificial intelligence (AI), machine learning, and high-performance computing (HPC). The ability to deliver these advancements in a power-efficient manner helps manufacturers meet the growing consumer and industrial demand for energy-efficient yet high-performing electronic devices, thereby driving the adoption and market growth of FinFET technology.

Scaling Challenges of Traditional Planar Transistors

As the semiconductor industry approaches the limits of Moore's Law, traditional planar transistors face significant scaling challenges that hinder their performance and efficiency at smaller nodes. FinFET technology, with its unique 3D structure, offers a solution to these challenges, enabling continued scaling down to smaller process nodes while maintaining superior electrical characteristics. The increased surface area of the fin structure in FinFETs allows for better electrostatic control over the channel, which is critical for maintaining performance and reducing power leakage at smaller geometries. This capability is driving the market as semiconductor manufacturers seek to keep pace with the demands for smaller, more powerful, and more efficient chips. The transition from planar to FinFET technology is essential for developing advanced microprocessors and system-on-chip (SoC) designs that are used in a wide range of applications, from consumer electronics to automotive systems and data centers. As a result, the need to overcome the scaling limitations of planar transistors is a significant market driver for the adoption of FinFET technology.

Growing Demand for Advanced Consumer Electronics

The explosion of the consumer electronics market, driven by the increasing popularity of smart devices, is a major driver for FinFET technology. Devices such as smartphones, tablets, wearables, and smart home products require highly efficient and powerful processors to deliver the desired user experience. FinFET technology, with its ability to enhance performance while reducing power consumption, is ideal for these applications. As consumers demand more functionality, longer battery life, and faster processing speeds from their devices, manufacturers are turning to FinFET-based

solutions to meet these needs. The proliferation of 5G technology further accelerates this demand, as it requires more advanced and power-efficient semiconductor components to handle the increased data rates and connectivity requirements. This trend extends beyond just mobile devices to include high-definition TVs, gaming consoles, and other smart devices, all of which benefit from the improved performance and efficiency of FinFET transistors. Consequently, the consumer electronics sector's growth is a significant market driver for FinFET technology.

Advancements in AI and Machine Learning

The rapid advancements in artificial intelligence (AI) and machine learning (ML) technologies are fueling the demand for more powerful and efficient semiconductor solutions, making FinFET technology a crucial market driver. AI and ML applications, including deep learning, neural networks, and big data analytics, require massive computational power and efficient processing capabilities. FinFET transistors, with their superior performance characteristics, are well-suited to meet these demands. They enable the development of processors and accelerators that can handle the intensive workloads associated with AI and ML tasks while maintaining power efficiency. This is particularly important in data centers and edge computing environments, where energy consumption and heat dissipation are critical concerns. Moreover, the integration of AI and ML into various sectors, such as healthcare, automotive, finance, and manufacturing, is driving the need for advanced semiconductor technologies. As industries increasingly rely on AI and ML to enhance their operations, the demand for FinFET-based solutions is expected to rise, solidifying its position as a key market driver.

Key Market Challenges

High Manufacturing Complexity and Costs

One of the significant market challenges for FinFET technology is the high manufacturing complexity and associated costs. FinFET transistors, with their three-dimensional structure, require more sophisticated fabrication processes compared to traditional planar transistors. This complexity arises from the need for precise control over the fin structure, which necessitates advanced lithography techniques, multiple patterning processes, and stringent quality control measures. The shift from planar to FinFET technology involves substantial capital investment in new manufacturing equipment and technology upgrades, which can be a considerable financial burden for semiconductor companies. Additionally, the intricate design and

fabrication process lead to longer development cycles and increased production times, further escalating costs. These higher costs can be a deterrent for some manufacturers, especially smaller players and startups with limited financial resources, potentially slowing down the widespread adoption of FinFET technology. Furthermore, the increased manufacturing complexity raises the risk of yield issues, where the percentage of functional chips produced from a wafer is lower, thus affecting overall production efficiency and profitability. Addressing these manufacturing challenges requires ongoing investment in research and development to refine processes, improve yield rates, and reduce costs, which can be a long-term endeavor impacting the speed at which FinFET technology can penetrate the market.

Design and Integration Challenges

The transition to FinFET technology presents significant design and integration challenges that can hinder its market adoption. Designing circuits and systems using FinFET transistors requires a different approach compared to traditional planar transistors, necessitating new design methodologies and tools. The unique three-dimensional structure of FinFETs introduces complexities in layout design, parasitic effects, and thermal management that engineers must carefully address to optimize performance and reliability. For instance, the increased parasitic capacitance associated with the fin structure can impact the overall speed and power efficiency of the circuits, requiring designers to employ advanced techniques to mitigate these effects. Moreover, the thermal characteristics of FinFETs are different from planar transistors, necessitating enhanced thermal management strategies to ensure stable operation under varying conditions. The integration of FinFETs into existing design flows also poses challenges, as it requires significant updates to electronic design automation (EDA) tools and methodologies. Engineers need to be trained on these new tools and techniques, which can involve a steep learning curve and additional time and resource investment. Additionally, the compatibility of FinFET technology with other emerging technologies, such as new interconnect materials and packaging solutions, adds another layer of complexity to the integration process. Overcoming these design and integration challenges is crucial for the successful implementation and widespread adoption of FinFET technology. It requires a concerted effort from the semiconductor industry, including collaboration between foundries, EDA tool providers, and design houses, to develop robust solutions that can streamline the transition and unlock the full potential of FinFET transistors.

Key Market Trends

Increasing Adoption in Automotive Applications

The automotive industry is undergoing a significant transformation with the rise of electric vehicles (EVs), autonomous driving technologies, and advanced driver-assistance systems (ADAS). These advancements require sophisticated semiconductor components capable of delivering high performance, reliability, and power efficiency, making FinFET technology increasingly relevant. FinFET transistors offer superior performance characteristics and reduced power consumption, which are essential for the demanding computational tasks in modern automotive systems. The growing complexity of ADAS and the need for real-time data processing for autonomous driving necessitate the use of advanced processors and sensors, where FinFET technology excels. Additionally, the trend towards more connected and intelligent vehicles, with features like in-car entertainment, advanced navigation systems, and vehicle-to-everything (V2X) communication, further drives the adoption of FinFET-based chips. As the automotive industry continues to innovate and integrate more electronic content into vehicles, the demand for FinFET technology is expected to grow, marking a significant trend in the semiconductor market.

Expansion in Data Center and Cloud Computing

The expansion of data centers and cloud computing services is another significant trend driving the adoption of FinFET technology. The increasing reliance on cloud services, big data analytics, and artificial intelligence applications requires data centers to continually enhance their processing power and energy efficiency. FinFET technology, with its ability to deliver high-performance and low-power consumption, is ideal for the demanding environment of data centers. The trend towards hyperscale data centers, which manage vast amounts of data and require highly efficient and scalable processing solutions, further amplifies the need for FinFET transistors. Companies are investing in upgrading their data center infrastructure to support the growing demand for cloud-based services and advanced computational tasks. This includes the use of FinFET-based processors and accelerators to achieve better performance-per-watt ratios, reduce operational costs, and improve overall efficiency. As the digital transformation continues and more businesses migrate to the cloud, the trend towards incorporating FinFET technology in data centers is set to expand, driving its market growth.

Proliferation of 5G Technology

The rollout of 5G networks is revolutionizing the telecommunications industry, and

FinFET technology is at the forefront of this transition. 5G technology promises significantly higher data speeds, lower latency, and greater connectivity, which requires advanced semiconductor components to support its infrastructure and devices. FinFET transistors, with their enhanced performance and power efficiency, are well-suited to meet the stringent requirements of 5G applications. The trend towards 5G is driving the need for more advanced base stations, small cells, and user devices, all of which benefit from the capabilities of FinFET technology. The increased data throughput and connectivity provided by 5G also drive the demand for more powerful and efficient processors in smartphones, IoT devices, and other consumer electronics. As 5G networks continue to expand globally, the adoption of FinFET-based solutions is expected to rise, supporting the development and deployment of next-generation telecommunications infrastructure and devices. This trend underscores the critical role of FinFET technology in the evolution of wireless communication.

Integration with AI and Machine Learning

The integration of artificial intelligence (AI) and machine learning (ML) into a wide range of applications is a significant trend influencing the adoption of FinFET technology. AI and ML require powerful, efficient, and scalable processing capabilities to handle complex algorithms and large datasets. FinFET technology, with its superior electrical characteristics, is ideal for developing processors and accelerators tailored for AI and ML tasks. The trend towards embedding AI and ML in sectors such as healthcare, finance, retail, and manufacturing is driving the need for advanced semiconductor technologies that can support these applications. For instance, in healthcare, AI is used for diagnostic imaging, personalized medicine, and predictive analytics, all of which require robust computational power. Similarly, in finance, AI-driven algorithms are used for fraud detection, risk management, and automated trading. The growing adoption of AI and ML across various industries necessitates the use of FinFET technology to develop efficient and high-performance semiconductor solutions. This trend highlights the increasing relevance of FinFET transistors in enabling the next wave of technological innovation driven by AI and ML.

Segmental Insights

Technology Insights

The 10nm segment held largest market share in 2023. The 10nm process node represents a significant milestone in semiconductor technology, offering enhanced performance and efficiency that drives the market for FinFET technology. FinFET

transistors at the 10nm scale provide substantial improvements in speed, power consumption, and overall performance, making them highly desirable for a wide range of applications. As the semiconductor industry continues to push the boundaries of Moore's Law, the 10nm node stands out for its ability to deliver superior transistor density and performance characteristics compared to previous generations.

One of the key market drivers for FinFET technology in the 10nm segment is the growing demand for high-performance computing (HPC) and data-intensive applications. With the exponential growth of data and the increasing complexity of computational tasks, there is a pressing need for processors that can handle large-scale computations efficiently. FinFET transistors at the 10nm scale offer higher drive currents and reduced leakage, enabling the development of processors that deliver the required computational power while maintaining energy efficiency. This is particularly important for data centers, where power consumption and cooling costs are significant operational concerns. The ability to achieve higher performance per watt with 10nm FinFETs is a critical factor driving their adoption in HPC environments.

Another major driver is the proliferation of advanced consumer electronics, such as smartphones, tablets, and wearable devices, which require powerful yet energy-efficient processors. The 10nm FinFET technology enables manufacturers to pack more transistors into a smaller footprint, resulting in chips that are not only faster but also consume less power. This leads to longer battery life and better overall performance, meeting the increasing consumer demand for high-performance devices with extended usage times. The enhanced efficiency of 10nm FinFETs is also crucial for enabling new features and functionalities in these devices, such as improved AI capabilities, advanced graphics, and enhanced connectivity options.

The automotive industry is a significant market driver for 10nm FinFET technology. The shift towards autonomous vehicles and advanced driver-assistance systems (ADAS) necessitates highly reliable and efficient semiconductor components. FinFET transistors at the 10nm scale provide the performance and power efficiency required for these applications, supporting complex AI algorithms and real-time processing tasks essential for autonomous driving. The robustness and reliability of 10nm FinFETs make them ideal for the demanding automotive environment, where safety and performance are paramount.

The 10nm segment is a critical driver for the adoption and growth of FinFET technology. The advancements in performance, power efficiency, and transistor density at this node address the needs of high-performance computing, consumer electronics, and

automotive applications. As these sectors continue to evolve and demand more from their semiconductor components, the 10nm FinFET technology will play a pivotal role in meeting these requirements, driving its market growth and solidifying its importance in the semiconductor landscape.

Regional Insights

Asia Pacific region held largest market share in 2023. The Asia Pacific region, comprising some of the world's most populous and technologically progressive countries, is witnessing a significant surge in demand for advanced consumer electronics, which is a major market driver for FinFET technology. This region includes major markets such as China, Japan, South Korea, and India, where the appetite for cutting-edge technology is immense. Consumers in these countries are not only increasing in number but are also becoming more technologically savvy and demanding in terms of the performance and capabilities of their electronic devices. The rapid adoption of smartphones, tablets, wearable devices, and smart home products in these countries necessitates the use of advanced semiconductor technologies like FinFET to meet the high performance and low power consumption requirements. China, in particular, stands out due to its massive consumer base and its position as a global manufacturing hub for electronic products. The Chinese government's initiatives to bolster the domestic semiconductor industry through substantial investments and supportive policies are accelerating the development and adoption of FinFET technology. Furthermore, the proliferation of 5G technology across the region is another crucial factor driving the market. 5G technology demands more sophisticated and efficient semiconductor solutions to handle higher data rates and improved connectivity. FinFET technology, with its superior performance characteristics, is ideally suited to meet these requirements, making it a preferred choice for semiconductor manufacturers in the Asia Pacific region.

Consumer electronics, the automotive sector in the Asia Pacific region is also a significant contributor to the demand for FinFET technology. Countries like Japan and South Korea, known for their advanced automotive industries, are rapidly integrating smart and autonomous driving technologies, which require high-performance and energy-efficient semiconductor components. FinFET-based chips are crucial in developing advanced driver-assistance systems (ADAS), infotainment systems, and other in-vehicle technologies, driving their adoption in the automotive sector.

The burgeoning startup ecosystem in the Asia Pacific region, particularly in technology hubs like Bangalore, Shenzhen, and Tokyo, is fostering innovation and accelerating the

development of next-generation technologies. Startups and established tech companies alike are investing heavily in AI, IoT, and other emerging technologies that require the superior performance and efficiency of FinFET transistors. This ecosystem not only boosts the local demand for FinFET technology but also positions the region as a significant player in the global semiconductor market.

The increasing demand for advanced consumer electronics, the rollout of 5G technology, the growth of the automotive sector, and a vibrant startup ecosystem are key market drivers for FinFET technology in the Asia Pacific region. These factors collectively create a robust and dynamic market environment that supports the widespread adoption and development of FinFET technology, cementing its critical role in the region's technological advancement.

Key Market Players

Taiwan Semiconductor Manufacturing Company Limited

Intel Corporation

Samsung Electronics Co., Ltd.

GlobalFoundries Inc.

United Microelectronics Corporation

Applied Materials, Inc.

Cadence Design Systems, Inc..

Synopsys, Inc.

Advanced Micro Devices, Inc.

Report Scope:

In this report, the Global Finfet Technology Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

%II%Finfet Technology Market, By Technology:

7nm

10nm

14nm

26nm

22nm

Others

%II%Finfet Technology Market, By End User:

Smartphones

Consumer Electronics

Automotive

Others

%II%Finfet Technology Market, By Region:

North America

%II%United States

%II%Canada

%II%Mexico

Europe

%II%France

%II%United Kingdom

%II%Italy

%II%Germany

%II%Spain

%II%Belgium

Asia-Pacific

%II%China

%II%India

%II%Japan

%II%Australia

%II%South Korea

%II%Indonesia

%II%Vietnam

South America

%II%Brazil

%II%Argentina

%II%Colombia

%II%Chile

%II%Peru

Middle East & Africa

%II%South Africa

%II%Saudi Arabia

%II%UAE

%II%Turkey

%II%Israel

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Finfet Technology Market.

Available Customizations:

Global Finfet Technology market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

%II%Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Formulation of the Scope
- 2.4. Assumptions and Limitations
- 2.5. Sources of Research
 - 2.5.1. Secondary Research
 - 2.5.2. Primary Research
- 2.6. Approach for the Market Study
 - 2.6.1. The Bottom-Up Approach
 - 2.6.2. The Top-Down Approach
- 2.7. Methodology Followed for Calculation of Market Size & Market Shares
- 2.8. Forecasting Methodology
 - 2.8.1. Data Triangulation & Validation

3. EXECUTIVE SUMMARY

4. VOICE OF CUSTOMER

5. GLOBAL FINFET TECHNOLOGY MARKET OVERVIEW

6. GLOBAL FINFET TECHNOLOGY MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Technology (7nm, 10nm, 14nm, 26nm, 22nm, and Others)
 - 6.2.2. By End User (Smartphones, Consumer Electronics, Automotive, and Others)

- 6.2.3. By Region (North America, Europe, South America, Middle East & Africa, Asia Pacific)
- 6.3. By Company (2023)
- 6.4. Market Map

7. NORTH AMERICA FINFET TECHNOLOGY MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value
- 7.2. Market Share & Forecast
 - 7.2.1. By Technology
 - 7.2.2. By End User
 - 7.2.3. By Country
- 7.3. North America: Country Analysis
 - 7.3.1. United States Finfet Technology Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Technology
 - 7.3.1.2.2. By End User
 - 7.3.2. Canada Finfet Technology Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Technology
 - 7.3.2.2.2. By End User
 - 7.3.3. Mexico Finfet Technology Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Technology
 - 7.3.3.2.2. By End User

8. EUROPE FINFET TECHNOLOGY MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Technology

8.2.2. By End User

8.2.3. By Country

8.3. Europe: Country Analysis

8.3.1. Germany Finfet Technology Market Outlook

8.3.1.1. Market Size & Forecast

8.3.1.1.1. By Value

8.3.1.2. Market Share & Forecast

8.3.1.2.1. By Technology

8.3.1.2.2. By End User

8.3.2. France Finfet Technology Market Outlook

8.3.2.1. Market Size & Forecast

8.3.2.1.1. By Value

8.3.2.2. Market Share & Forecast

8.3.2.2.1. By Technology

8.3.2.2.2. By End User

8.3.3. United Kingdom Finfet Technology Market Outlook

8.3.3.1. Market Size & Forecast

8.3.3.1.1. By Value

8.3.3.2. Market Share & Forecast

8.3.3.2.1. By Technology

8.3.3.2.2. By End User

8.3.4. Italy Finfet Technology Market Outlook

8.3.4.1. Market Size & Forecast

8.3.4.1.1. By Value

8.3.4.2. Market Share & Forecast

8.3.4.2.1. By Technology

8.3.4.2.2. By End User

8.3.5. Spain Finfet Technology Market Outlook

8.3.5.1. Market Size & Forecast

8.3.5.1.1. By Value

8.3.5.2. Market Share & Forecast

8.3.5.2.1. By Technology

8.3.5.2.2. By End User

8.3.6. Belgium Finfet Technology Market Outlook

8.3.6.1. Market Size & Forecast

8.3.6.1.1. By Value

8.3.6.2. Market Share & Forecast

8.3.6.2.1. By Technology

8.3.6.2.2. By End User

9. SOUTH AMERICA FINFET TECHNOLOGY MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value

9.2. Market Share & Forecast

9.2.1. By Technology

9.2.2. By End User

9.2.3. By Country

9.3. South America: Country Analysis

9.3.1. Brazil Finfet Technology Market Outlook

9.3.1.1. Market Size & Forecast

9.3.1.1.1. By Value

9.3.1.2. Market Share & Forecast

9.3.1.2.1. By Technology

9.3.1.2.2. By End User

9.3.2. Colombia Finfet Technology Market Outlook

9.3.2.1. Market Size & Forecast

9.3.2.1.1. By Value

9.3.2.2. Market Share & Forecast

9.3.2.2.1. By Technology

9.3.2.2.2. By End User

9.3.3. Argentina Finfet Technology Market Outlook

9.3.3.1. Market Size & Forecast

9.3.3.1.1. By Value

9.3.3.2. Market Share & Forecast

9.3.3.2.1. By Technology

9.3.3.2.2. By End User

9.3.4. Chile Finfet Technology Market Outlook

9.3.4.1. Market Size & Forecast

9.3.4.1.1. By Value

9.3.4.2. Market Share & Forecast

9.3.4.2.1. By Technology

9.3.4.2.2. By End User

9.3.5. Peru Finfet Technology Market Outlook

9.3.5.1. Market Size & Forecast

9.3.5.1.1. By Value

9.3.5.2. Market Share & Forecast

9.3.5.2.1. By Technology

9.3.5.2.2. By End User

10. MIDDLE EAST & AFRICA FINFET TECHNOLOGY MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By Technology

10.2.2. By End User

10.2.3. By Country

10.3. Middle East & Africa: Country Analysis

10.3.1. Saudi Arabia Finfet Technology Market Outlook

10.3.1.1. Market Size & Forecast

10.3.1.1.1. By Value

10.3.1.2. Market Share & Forecast

10.3.1.2.1. By Technology

10.3.1.2.2. By End User

10.3.2. UAE Finfet Technology Market Outlook

10.3.2.1. Market Size & Forecast

10.3.2.1.1. By Value

10.3.2.2. Market Share & Forecast

10.3.2.2.1. By Technology

10.3.2.2.2. By End User

10.3.3. South Africa Finfet Technology Market Outlook

10.3.3.1. Market Size & Forecast

10.3.3.1.1. By Value

10.3.3.2. Market Share & Forecast

10.3.3.2.1. By Technology

10.3.3.2.2. By End User

10.3.4. Turkey Finfet Technology Market Outlook

10.3.4.1. Market Size & Forecast

10.3.4.1.1. By Value

10.3.4.2. Market Share & Forecast

10.3.4.2.1. By Technology

10.3.4.2.2. By End User

10.3.5. Israel Finfet Technology Market Outlook

10.3.5.1. Market Size & Forecast

10.3.5.1.1. By Value

10.3.5.2. Market Share & Forecast

10.3.5.2.1. By Technology

10.3.5.2.2. By End User

11. ASIA PACIFIC FINFET TECHNOLOGY MARKET OUTLOOK

11.1. Market Size & Forecast

11.1.1. By Value

11.2. Market Share & Forecast

11.2.1. By Technology

11.2.2. By End User

11.2.3. By Country

11.3. Asia-Pacific: Country Analysis

11.3.1. China Finfet Technology Market Outlook

11.3.1.1. Market Size & Forecast

11.3.1.1.1. By Value

11.3.1.2. Market Share & Forecast

11.3.1.2.1. By Technology

11.3.1.2.2. By End User

11.3.2. India Finfet Technology Market Outlook

11.3.2.1. Market Size & Forecast

11.3.2.1.1. By Value

11.3.2.2. Market Share & Forecast

11.3.2.2.1. By Technology

11.3.2.2.2. By End User

11.3.3. Japan Finfet Technology Market Outlook

11.3.3.1. Market Size & Forecast

11.3.3.1.1. By Value

11.3.3.2. Market Share & Forecast

11.3.3.2.1. By Technology

11.3.3.2.2. By End User

11.3.4. South Korea Finfet Technology Market Outlook

11.3.4.1. Market Size & Forecast

11.3.4.1.1. By Value

11.3.4.2. Market Share & Forecast

11.3.4.2.1. By Technology

11.3.4.2.2. By End User

11.3.5. Australia Finfet Technology Market Outlook

11.3.5.1. Market Size & Forecast

11.3.5.1.1. By Value

- 11.3.5.2. Market Share & Forecast
 - 11.3.5.2.1. By Technology
 - 11.3.5.2.2. By End User
- 11.3.6. Indonesia Finfet Technology Market Outlook
 - 11.3.6.1. Market Size & Forecast
 - 11.3.6.1.1. By Value
 - 11.3.6.2. Market Share & Forecast
 - 11.3.6.2.1. By Technology
 - 11.3.6.2.2. By End User
- 11.3.7. Vietnam Finfet Technology Market Outlook
 - 11.3.7.1. Market Size & Forecast
 - 11.3.7.1.1. By Value
 - 11.3.7.2. Market Share & Forecast
 - 11.3.7.2.1. By Technology
 - 11.3.7.2.2. By End User

12. MARKET DYNAMICS

- 12.1. Drivers
- 12.2. Challenges

13. MARKET TRENDS AND DEVELOPMENTS

14. COMPANY PROFILES

- 14.1. Taiwan Semiconductor Manufacturing Company Limited
 - 14.1.1. Business Overview
 - 14.1.2. Key Revenue and Financials
 - 14.1.3. Recent Developments
 - 14.1.4. Key Personnel/Key Contact Person
 - 14.1.5. Key Product/Services Offered
- 14.2. Intel Corporation
 - 14.2.1. Business Overview
 - 14.2.2. Key Revenue and Financials
 - 14.2.3. Recent Developments
 - 14.2.4. Key Personnel/Key Contact Person
 - 14.2.5. Key Product/Services Offered
- 14.3. Samsung Electronics Co., Ltd.
 - 14.3.1. Business Overview

- 14.3.2. Key Revenue and Financials
- 14.3.3. Recent Developments
- 14.3.4. Key Personnel/Key Contact Person
- 14.3.5. Key Product/Services Offered
- 14.4. GlobalFoundries Inc.
 - 14.4.1. Business Overview
 - 14.4.2. Key Revenue and Financials
 - 14.4.3. Recent Developments
 - 14.4.4. Key Personnel/Key Contact Person
 - 14.4.5. Key Product/Services Offered
- 14.5. United Microelectronics Corporation
 - 14.5.1. Business Overview
 - 14.5.2. Key Revenue and Financials
 - 14.5.3. Recent Developments
 - 14.5.4. Key Personnel/Key Contact Person
 - 14.5.5. Key Product/Services Offered
- 14.6. Applied Materials, Inc.
 - 14.6.1. Business Overview
 - 14.6.2. Key Revenue and Financials
 - 14.6.3. Recent Developments
 - 14.6.4. Key Personnel/Key Contact Person
 - 14.6.5. Key Product/Services Offered
- 14.7. Cadence Design Systems, Inc.
 - 14.7.1. Business Overview
 - 14.7.2. Key Revenue and Financials
 - 14.7.3. Recent Developments
 - 14.7.4. Key Personnel/Key Contact Person
 - 14.7.5. Key Product/Services Offered
- 14.8. Synopsys, Inc.
 - 14.8.1. Business Overview
 - 14.8.2. Key Revenue and Financials
 - 14.8.3. Recent Developments
 - 14.8.4. Key Personnel/Key Contact Person
 - 14.8.5. Key Product/Services Offered
- 14.9. Advanced Micro Devices, Inc.
 - 14.9.1. Business Overview
 - 14.9.2. Key Revenue and Financials
 - 14.9.3. Recent Developments
 - 14.9.4. Key Personnel/Key Contact Person

14.9.5. Key Product/Services Offered

15. STRATEGIC RECOMMENDATIONS

16. ABOUT US & DISCLAIMER

I would like to order

Product name: Finfet Technology Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Technology (7nm, 10nm, 14nm, 26nm, 22nm, and Others), By End User (Smartphones, Consumer Electronics, Automotive, and Others), By Region, By Competition, 2019-2029F

Product link: <https://marketpublishers.com/r/F4081C84F715EN.html>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/F4081C84F715EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970