Global FinFET Technology Market, Analysis and Forecast: 2016 – 2022; Focus on 10nm, 14nm, 20nm FinFET; and Applications in Smart Phones and Wearable

Description: FinFET technology continues to gain immense popularity with increasing rate of revenue at a global level. Rising mobile and consumer electronics market and enhanced performance with lower current leakage has led to the widespread emergence of the global FinFET technology market. The global FinFET technology market is estimated to witness growth at a CAGR of 28.6% over the period of 2016 to 2022. This growth rate is expected due to increasing Integrated Circuit (IC) industry which is providing ample growth opportunities to FinFET market.

North America led the global FinFET technology market in 2015. Asia Pacific FinFET technology market is expected to grow with the highest rate during the forecast period and overtake the position of North America in global FinFET technology market. China and India are going to be the key market regions for the growth of FinFET Technology in Asia Pacific region because of the growing demand of high end smartphones in the market. Large number of small and big companies are investing in smartphone market and this invariably leads to an increase in the growth of FinFET Technology market in this region.

Partnerships, joint ventures, collaborations and contracts have also emerged as preferred strategies in bringing the FinFET technology market together. The companies with identical goals are collaborating together to form joint venture programmes in order to assist each other in achieving those goals. This helps companies gain access to each other's technologies, services and thus facilitates them to achieve their objectives faster. Some of the key players involved in this market are Samsung Electronics Co, Ltd., Taiwan Semiconductor Manufacturing Company Limited, Intel Corporation, GlobalFoundries, United Microelectronics Corporation, Qualcomm Incorporated, ARM Ltd., SMIC and Xilinx Inc.

The report is a compilation of different segments of global FinFET technology market including a market breakdown by technology, end user, and application. The report also discusses in detail about the key participants involved in the industry.

The report answers the following questions about the global FinFET technology market:

- What are the prevailing technologies, and end users in FinFET technology?
- What are the different application areas of FinFET technology?
- What are the different factors driving the market forward in the forecast period?
- What are the factors restraining the growth of global FinFET technology market?
- Who are the major participants in the global FinFET technology market?
- What kind of new strategies are being adopted by the existing market players to make a stronger mark in the industry?
- Which region will lead the global FinFET technology market by the end of forecast period?
2.4.1 Increasing IC Industry is Providing Opportunities to FinFET Market

3 Competitive Insights
3.1 Key Strategies and Developments
3.1.1 Partnerships, Joint Ventures, Collaborations and Contracts
3.1.2 New Product Launches, Developments and Expansions
3.1.3 Other Developments
3.2 Moore's Law For Producing Various FinFET Technologies
3.3 Product Lifecycle Analysis
3.4 Leading Player Analysis
3.5 R&D Analysis of Leading Players in FinFET Technology Market

4 Global FinFET Technology Market
4.1 Assumptions and Limitations
4.2 Introduction
4.3 Global FinFET Technology Market by Technologies
4.3.1 7nm FinFET Technology
4.3.1.1 7nm FinFET Technology by Application
4.3.1.2 7nm FinFET Technology by End User
4.3.1.3 7nm FinFET Technology by Region
4.3.2 10nm FinFET Technology
4.3.2.1 10nm FinFET Technology by Application
4.3.2.2 10nm FinFET Technology by End User
4.3.2.3 10nm FinFET Technology by Region
4.3.3 16nm/14nm FinFET Technology
4.3.3.1 14nm FinFET Technology by Application
4.3.3.2 14nm FinFET Technology by End User
4.3.3.3 14nm FinFET Technology by Region
4.3.3.4 16nm FinFET Technology by Application
4.3.3.5 16nm FinFET Technology by End User
4.3.3.6 16nm FinFET Technology by Region
4.3.4 22nm/20nm FinFET Technology
4.3.4.1 20nm FinFET Technology by Application
4.3.4.2 20nm FinFET Technology by End User
4.3.4.3 20nm FinFET Technology by Region
4.3.4.4 22nm FinFET Technology by Application
4.3.4.5 22nm FinFET Technology by End User
4.3.4.6 22nm FinFET Technology by Region
4.4 Global FinFET Technology Market by Applications
4.5 Global FinFET Technology Market by End Users
4.6 Global FinFET Technology Market by Region

5 Global FinFET Technology Market by Region
5.1 Introduction
5.2 North America by Country
5.3 Europe by Country
5.4 Asia Pacific by Country
5.5 ROW by Country

6 Company Profile
6.1 Samsung Electronics Co, Ltd.
6.1.1 Company Overview
6.1.2 Financials
6.1.2.1 Overall Financials
6.1.2.2 Segment Revenue Mix
6.1.2.3 Geographic Revenue Mix
6.1.2.4 Financial Summary
6.1.3 SWOT Analysis
6.2 Taiwan Semiconductor Manufacturing Company Limited (TSMC)
6.2.1 Company Overview
6.2.2 Financials
6.2.2.1 Overall Financials
6.2.2.2 Segment Revenue Mix
6.2.2.3 Geographic Revenue Mix
6.2.2.4 Financial Summary
6.2.3 SWOT Analysis
6.3 Intel Corporation
6.3.1 Company Overview
6.3.2 Financials
6.3.2.1 Overall Financials
6.3.2.2 Geographic Revenue Mix
6.3.2.3 Business Segment Revenue Mix
6.3.2.4 Financial Summary
6.3.3 SWOT Analysis
6.4 GlobalFoundries Inc.
6.4.1 Company Overview
6.4.2 Corporate Summary
6.5 United Microelectronics Corporation
6.5.1 Company Overview
6.5.2 Financials
6.5.2.1 Overall Financials
6.5.2.2 Segment Revenue Mix
6.5.2.3 Geographic Revenue Mix
6.5.2.4 Financial Summary
6.5.3 SWOT Analysis
6.6 Qualcomm Inc.
6.6.1 Company Overview
6.6.2 Financials
6.6.2.1 Overall Financials
6.6.2.2 Segment Revenue Mix
6.6.2.3 Geographic Revenue Mix
6.6.2.4 Financial Summary
6.6.3 SWOT Analysis
6.7 ARM Ltd.
6.7.1 Company Overview
6.7.2 Financials
6.7.2.1 Overall Financials
6.7.2.2 Segment Revenue Mix
6.7.2.3 Financial Summary
6.8 Semiconductor Manufacturing International Corporation (SMIC)
6.8.1 Company Overview
6.8.2 Financials
6.8.2.1 Overall Financials
6.8.2.2 Segment Revenue Mix
6.8.2.3 Geographic Revenue Mix
6.8.2.4 Financial Summary
6.8.3 SWOT Analysis
6.9 Xilinx Inc.
6.9.1 Company Overview
6.9.2 Financials
6.9.2.1 Overall Financials
6.9.2.2 Segment Revenue Mix
6.9.2.3 Geographic Revenue Mix
6.9.2.4 Financial Summary
6.9.3 SWOT Analysis

List of Tables
Table 2.1 Comparison of Gate cost and Wafer Cost of FinFET and FD-SOI
Table 3.1 Partnerships, Joint Ventures, Collaborations and Contracts
Table 3.2 New Product Launches, Developments and Expansions
Table 3.3 Other Developments
Table 4.1 Global FinFET Technology Market by Technologies, (2015-2022)
Table 4.2 Global 7nm FinFET Technology Market Breakdown by Application, 2015 – 2022
Table 4.3 Global 7nm FinFET Technology Market Breakdown by End Users, 2015 – 2022
Table 4.4 Global 7nm FinFET Technology Market Breakdown by Region, 2015 – 2022
Table 4.5 Global 10nm FinFET Technology Market Breakdown by Application, 2015 – 2022
Table 4.6  Global 10nm FinFET Technology Market Breakdown by End Users, 2015 – 2022
Table 4.7  Global 10nm FinFET Technology Market Breakdown by Region, 2015 – 2022
Table 4.8  Global 14nm FinFET Technology Market Breakdown by Application, 2015 – 2022
Table 4.9  Global 14nm FinFET Technology Market Breakdown by End Users, 2015 – 2022
Table 4.10  Global 14nm FinFET Technology Market Breakdown by Region, 2015 – 2022
Table 4.11  Global 16nm FinFET Technology Market Breakdown by Application, 2015 – 2022
Table 4.12  Global 16nm FinFET Technology Market Breakdown by End Users, 2015 – 2022
Table 4.13  Global 16nm FinFET Technology Market Breakdown by Region, 2015 – 2022
Table 4.14  Global 20nm FinFET Technology Market Breakdown by Application, 2015 – 2022
Table 4.15  Global 20nm FinFET Technology Market Breakdown by End Users, 2015 – 2022
Table 4.16  Global 20nm FinFET Technology Market Breakdown by Region, 2015 – 2022
Table 4.17  Global 22nm FinFET Technology Market Breakdown by Application, 2015 – 2022
Table 4.18  Global 22nm FinFET Technology Market Breakdown by End Users, 2015 – 2022
Table 4.19  Global 22nm FinFET Technology Market Breakdown by Region, 2015 – 2022
Table 4.20  Global FinFET Technology Market Breakdown by Application, 2015 – 2022
Table 4.21  Global FinFET Technology Market Breakdown by End Users, 2015 – 2022
Table 4.22  Global FinFET Technology Market Breakdown by Region, 2015 – 2022

Table 5.1  North America FinFET Technology Market Breakdown by Country, 2015 – 2022
Table 5.2  Europe FinFET Technology Market Breakdown by Country, 2015 – 2022
Table 5.3  Asia Pacific FinFET Technology Market Breakdown by Country, 2015 – 2022
Table 5.4  ROW FinFET Technology Market Breakdown by Country, 2015 – 2022

List of Figures
Figure 1  Global FinFET Technology Market
Figure 2  22nm FinFET Technology Market is Leading among all the Technologies
Figure 3  CPU Application of FinFET Technology Generated Maximum Revenue
Figure 4  Global FinFET Technology Market, by End User
Figure 5  North America Leading the Global FinFET Technology Market
Figure 1.1  Secondary data sources
Figure 1.2  Top Down and Bottom up Approach
Figure 1.3  FinFET Technology Market Influencing Factors
Figure 1.4  Assumptions and Limitations
Figure 2.1  Market Dynamics
Figure 2.2  Comparison of Leakage Current between CMOS and FinFET SRAM Cells
Figure 2.3  Global Adoption Rate of Smart Phones
Figure 2.4  Gate Cost Trend
Figure 2.5  Global IC Market
Figure 3.1  Key Strategies and Developments
Figure 3.2  Law Used while Designing FinFET Technology
Figure 3.3  Product Lifecycle Analysis
Figure 3.4  Analysis of Leading Players
Figure 3.5  Research and Development Expenditure, $ Million
Figure 4.1  Global FinFET Technology Market
Figure 4.2  Global FinFET Technology Market by Technologies
Figure 4.3  7nm FinFET Technology by Application
Figure 4.4  7nm FinFET Technology by End User
Figure 4.5  7nm FinFET Technology by Region
Figure 4.6  10nm FinFET Technology by Application
Figure 4.7  10nm FinFET Technology by End User
Figure 4.8  10nm FinFET Technology by Region
Figure 4.9  14nm FinFET Technology by Application
Figure 4.10  14nm FinFET Technology by End User
Figure 4.11  14nm FinFET Technology by Region
Figure 4.12  16nm FinFET Technology by Application
Figure 4.13  16nm FinFET Technology by End User
Figure 4.14  16nm FinFET Technology by Region
Figure 4.15  20nm FinFET Technology by Application
Figure 4.16  20nm FinFET Technology by End User
Figure 4.17  20nm FinFET Technology by Region
Figure 4.18  22nm FinFET Technology by Application
Figure 4.19  22nm FinFET Technology by End User
Figure 4.20  22nm FinFET Technology by Region
Figure 4.21  Global FinFET Technology Market by Application
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit
http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Global FinFET Technology Market, Analysis and Forecast: 2016 – 2022; Focus on 10nm, 14nm, 20nm FinFET; and Applications in Smart Phones and Wearable
Web Address: http://www.researchandmarkets.com/reports/4030516/
Office Code: SC2GZLB1

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td></td>
</tr>
<tr>
<td>- Single User</td>
<td>USD 3399</td>
</tr>
<tr>
<td></td>
<td>USD 3999 - Until 15th Apr 2017</td>
</tr>
<tr>
<td>Hard Copy</td>
<td>USD 3654 + USD 56 Shipping/Handling</td>
</tr>
<tr>
<td></td>
<td>USD 4299 - Until 15th Apr 2017</td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td></td>
</tr>
<tr>
<td>- Site License</td>
<td>USD 4674</td>
</tr>
<tr>
<td></td>
<td>USD 5499 - Until 15th Apr 2017</td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td></td>
</tr>
<tr>
<td>- Enterprisewide</td>
<td>USD 5524</td>
</tr>
<tr>
<td></td>
<td>USD 6499 - Until 15th Apr 2017</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.
* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: \[\text{Mr} \quad \text{Mrs} \quad \text{Dr} \quad \text{Miss} \quad \text{Ms} \quad \text{Prof}\]
First Name: ___________________________ Last Name: ___________________________
Email Address: * 
Job Title: 
Organisation: 
Address: 
City: 
Postal / Zip Code: 
Country: 
Phone Number: ___________________________
Title:  
Fax Number:  

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World