

Global 3D IC and 2.5D IC Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

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Abstracts

In microelectronics, a three-dimensional integrated circuit (3D IC) is an integrated circuit manufactured by stacking silicon wafers or dies and interconnecting them vertically using, for instance, through-silicon vias (TSVs) or Cu-Cu connections, so that they behave as a single device to achieve performance improvements at reduced power and smaller footprint than conventional two dimensional processes. While a 2.5-dimensional integrated circuit (2.5D IC) is a package with an active electronic components (for example, a die or a chip) stacked on an interposer through conductive bumps or TSVs.

Scope of the Report:

This report focuses on the 3D IC and 2.5D IC in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

3D TSV in 3D IC and 2.5D IC market is estimated to grow at the highest CAGR during the forecast period

In terms of geographic regions, Asia-Pacific acquired largest market for 3D IC and 2.5D IC in 2018. The large market in Asia-Pacific is owing to the broad scope of 3D IC and 2.5D IC packages in various consumer electronics applications, particularly in smartphones and tablets. The worldwide market for 3D IC and 2.5D IC is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

TSMC (Taiwan)

Samsung (South Korea)

Toshiba (Japan)

ASE Group (Taiwan)

Amkor (U.S.)

UMC (Taiwan)

Stmicroelectronics (Switzerland)

Broadcom (U.S.)

Intel (U.S.)

Jiangsu Changjiang Electronics (China)

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

3D wafer-level chip-scale packaging

3D TSV

2.5D

Market Segment by Applications, can be divided into

Consumer electronics

Telecommunication

Industry sector

Automotive

Military and Aerospace

Smart technologies

Medical devices

There are 15 Chapters to deeply display the global 3D IC and 2.5D IC market.

Chapter 1, to describe 3D IC and 2.5D IC Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of 3D IC and 2.5D IC, with sales, revenue, and price of 3D IC and 2.5D IC, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of 3D IC and 2.5D IC, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these

regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, 3D IC and 2.5D IC market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe 3D IC and 2.5D IC sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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