

Third-party Laboratory Testing of Semiconductors Market, Global Outlook and Forecast 2022-2028

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Abstracts

With the increasing amount of semiconductor investment and almost zero tolerance for design errors, strict verification tests must be carried out before the chip enters mass production, mainly including functional tests and physical tests. In a broad sense, semiconductor third-party testing services are divided into laboratory testing services for semiconductor design enterprises and professional wafer / finished product testing services for manufacturing and packaging testing enterprises. This report mainly discusses the laboratory test services for semiconductor design enterprises, which are widely used in the design verification stage, including reliability analysis RA, Failure Analysis FA, wafer material analysis Ma, signal test, chip circuit modification, etc., of which the more important links include reliability analysis, failure analysis, etc.

This report contains market size and forecasts of Third-party Laboratory Testing of Semiconductors in Global, including the following market information:

Global Third-party Laboratory Testing of Semiconductors Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Third-party Laboratory Testing of Semiconductors market was valued at 1263.8 million in 2021 and is projected to reach US\$ 2077.6 million by 2028, at a CAGR of 7.4% during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Reliability Analysis Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Third-party Laboratory Testing of Semiconductors include ASE Technology, Wintech Nano, EAG Laboratories, iST, CEPREI and Materials Analysis Technology, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Third-party Laboratory Testing of Semiconductors companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Third-party Laboratory Testing of Semiconductors Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Third-party Laboratory Testing of Semiconductors Market Segment Percentages, by Type, 2021 (%)

Reliability Analysis

Failure Analysis

Wafer Material Analysis

Others

Global Third-party Laboratory Testing of Semiconductors Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Third-party Laboratory Testing of Semiconductors Market Segment Percentages, by Application, 2021 (%)

Automobile

Industrial

Consumer Electronics

Communication

Medical

Others

Global Third-party Laboratory Testing of Semiconductors Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Third-party Laboratory Testing of Semiconductors Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Third-party Laboratory Testing of Semiconductors revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Third-party Laboratory Testing of Semiconductors revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

ASE Technology

Wintech Nano

EAG Laboratories

iST

CEPREI

Materials Analysis Technology

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