

Delta-sigma Modulator Market - Global Outlook and Forecast 2022-2028

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Abstracts

In today's world, increasing usage of consumer electronic devices by people in daily activities including travel, communication, and entertainment results into the surge in of microcontroller devices market. DS modulation is a method for encoding analog signals into digital signals as found in an analog-to-digital converter (ADC). A delta-sigma modulator also known as delta sigma converter, consists of modular in connection with a decimation filter and is regarded as one of the most credited forms of conversion in the data. It is used to convert high bit-count, low-frequency digital signals into lower bit-count, and higher-frequency digital signals which is a part of process to convert digital signals into analog in a digital-to-analog converter (DAC). It primarily aims at achieving higher transmission efficiency in ADCs and DACs.

This report contains market size and forecasts of Delta-sigma Modulator in Global, including the following market information:

Global Delta-sigma Modulator Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Delta-sigma Modulator market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

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

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

The global key manufacturers of Delta-sigma Modulator include Texas Instruments, Maxim Integrated, Ozic, Qualcomm, Analog Devices, NXP Semiconductors, National Instruments, Infineon Technologies and Richtek Technology and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Delta-sigma Modulator 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 Delta-sigma Modulator Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Delta-sigma Modulator Market Segment Percentages, by Type, 2021 (%)

External

Built-In

Global Delta-sigma Modulator Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Delta-sigma Modulator Market Segment Percentages, by Application, 2021 (%)

Automotive

Consumer Electronics

Healthcare

IT & Telecommunication

Industrial

Others

Global Delta-sigma Modulator Market, By Region and Country, 2017-2022, 2023-2028
(\$ Millions)

Global Delta-sigma Modulator 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 Delta-sigma Modulator revenues in global market, 2017-2022
(estimated), (\$ millions)

Key companies Delta-sigma Modulator revenues share in global market, 2021 (%)

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

Texas Instruments

Maxim Integrated

Ozic

Qualcomm

Analog Devices

NXP Semiconductors

National Instruments

Infineon Technologies

Richtek Technology

Taiwan Semiconductor

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