

Micro-Electromechanical Systems (MEMS) Devices Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/M2254E995BDCEN.html>

Date: March 2022

Pages: 123

Price: US\$ 3,250.00 (Single User License)

ID: M2254E995BDCEN

Abstracts

Micro-Electro-Mechanical Systems, or MEMS, is a technology that in its most general form can be defined as miniaturized mechanical and electro-mechanical elements (i.e., devices and structures) that are made using the techniques of microfabrication. The critical physical dimensions of MEMS devices can vary from well below one micron on the lower end of the dimensional spectrum, all the way to several millimeters. Likewise, the types of MEMS devices can vary from relatively simple structures having no moving elements, to extremely complex electromechanical systems with multiple moving elements under the control of integrated microelectronics. The one main criterion of MEMS is that there are at least some elements having some sort of mechanical functionality whether or not these elements can move.

This report contains market size and forecasts of Micro-Electromechanical Systems (MEMS) Devices in global, including the following market information:

Global Micro-Electromechanical Systems (MEMS) Devices Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Micro-Electromechanical Systems (MEMS) Devices Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Micro-Electromechanical Systems (MEMS) Devices companies in 2021 (%)

The global Micro-Electromechanical Systems (MEMS) Devices market was valued at 1417.2 million in 2021 and is projected to reach US\$ 1873.7 million by 2028, at a CAGR of 4.1% during the forecast period.

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

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

The global key manufacturers of Micro-Electromechanical Systems (MEMS) Devices include Knowles, ST Microelectronics, BSE, TDK, Cirrus Logic, Hosiden, Bosch (Akustica), Sanico Electronics and 3S, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Micro-Electromechanical Systems (MEMS) Devices manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Micro-Electromechanical Systems (MEMS) Devices Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Micro-Electromechanical Systems (MEMS) Devices Market Segment Percentages, by Type, 2021 (%)

MEMS Microphone

MEMS Accelerometer

MEMS Oscillator

Others

Global Micro-Electromechanical Systems (MEMS) Devices Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Micro-Electromechanical Systems (MEMS) Devices Market Segment

Percentages, by Application, 2021 (%)

Automotive

Medical

Industrial

Others

Global Micro-Electromechanical Systems (MEMS) Devices Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Micro-Electromechanical Systems (MEMS) Devices 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 Micro-Electromechanical Systems (MEMS) Devices revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Micro-Electromechanical Systems (MEMS) Devices revenues share in global market, 2021 (%)

Key companies Micro-Electromechanical Systems (MEMS) Devices sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Micro-Electromechanical Systems (MEMS) Devices sales share in global market, 2021 (%)

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

Knowles

ST Microelectronics

BSE

TDK

Cirrus Logic

Hosiden

Bosch (Akustica)

Sanico Electronics

3S

Goertek

AAC

MEMSensing

NeoMEMS

Gettop

InvenSense

NXP (Freescale)

Murata (VTI)

ADI

ROHM (Kionix)

Mcube

Memsic

MiraMEMS

QST

Microchip

SiTime(Mega)

Kyocera Corporation

ON Semiconductor

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