

Global Surface Acoustic Wave Sensors Market Size study & Forecast, by Sensing Type (Pressure Sensors, Torque Sensors, Viscosity Sensors), End-user Industry (Automotive, Consumer Electronics, Industrial), and Regional Analysis, 2022-2029

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Abstracts

Global Surface Acoustic Wave Sensors Market is valued approximately at USD XXX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XXX% over the forecast period 2022-2029. Surface Acoustic Wave Sensors Microelectromechanical systems (MEMS) known as surface acoustic wave sensors use the modulation of surface acoustic waves. The Surface Acoustic Wave Sensors market is expanding because of factors such as increasing demand from the end-user industries: automotive, healthcare, aerospace & defense, and others and rising demand for the wireless and remote monitoring systems in the market. The market is anticipated to grow in the near future, owing to advancements in Formulation of the Surface Acoustic Wave Sensors and various strategic initiatives by the private players in the market.

Surface Acoustic Wave Sensors are principally used for the direct identification and measuring of physical quantities. These may range from temperature, acceleration, pressure, torque, , tire-road friction and humidity According to OICA-The International Organization of Motor Vehicle Manufacturers, the global production volume of passenger cars went from 55.83 million units, in the year 2020 to 57.05 million units, in the year 2021. Further, according to Statista, a total of 31,225 passenger cars were sold, in the year 2020 worldwide. Of these 31,225 passenger cars, South Korea achieved top spot by selling (10,041 units) followed by United States (9,135 units), China (5,546 units) and Japan (4,100 units) respectively. However, Compatibility and other Installation Issues and limitations in the Liquid Sensings may halt market growth.

The key regions considered for the Global Surface Acoustic Wave Sensors Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the space in terms of revenue, owing to rising demand from the healthcare sector. According to U.S. Centers for Medicare & Medicaid Services, By the end of 2028, the global healthcare market will be worth USD 665.37 billion. In 2020, the US spent 4.1 trillion dollars on national healthcare, or \$12,530 per person, and is expected to increase to 6.2 trillion dollars by 2028. Asia Pacific is expected to grow significantly during the forecast period, owing to rising technological innovations.

Major market player included in this report are:

Murata Manufacturing Co Ltd
API Technologies Corp
Vectron International (Microchip Technology Inc.)
AVX Corporation
Boston Piezo-Optics Inc
Ceramtec GmbH
CTS Corporation
TDK Electronics AG
Honeywell International Inc
Teledyne Microwave Solutions

Recent Developments in the Market:

In August 2022, the state-of-the-art torque system from McLaren Applied will be made compulsory for all participants by one of their top motorsport clients starting in August 2022. Based on Transense's SAW technology, the new torque sensor is a non-contact assessment tool that uses tiny detectors, is lightweight, robust, and offers precise wireless measurements.

Global Surface Acoustic Wave Sensors Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Sensing Type, End-User Industry and Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By End-User Industry:

Automotive

Consumer Electronics

Industrial

By Sensing Type:

Pressure Sensors

Torque Sensors

Viscosity Sensors

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

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