

Global Surface Acoustic Wave (SAW) resonator Market Size study, by Type (Surface Acoustic Wave (SAW), Bulk Acoustic Wave (BAW)) by Devices (Resonator, Delay line) by Vertical (Military, Industrial, Automotive, Food and Beverages, Healthcare, Environmental) and Regional Forecasts 2021-2027

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Abstracts

Global Surface Acoustic Wave (SAW) resonator Market is valued approximately USD 644.70 million in 2020 and is anticipated to grow with a healthy growth rate of more than 10.5 % over the forecast period 2021-2027. Surface Acoustic Wave or SAW is an acoustic wave which travels along the surface of a material that manifest elasticity, having an amplitude which decays exponentially with the depth of the material. The process of converting energy requires input and output transducer. Penetration of Micro Electro Mechanical System (MEMS) technology is a major driver for the forecasted period. Development in new technology such as nanotechnology and microtechnology that will offer mass production, low power consumption. Low manufacturing cost over the forecasted period may boost the demand among the various application segment. Thus, there is high demand for surface acoustic wave-based sensors among industrial end user. Competitive advantage gives the surface acoustic wave edge over the technologies and this may drive the demand for the same. However, there are technical issues related to size, energy consumption, and sensitivity and it impedes the growth of the market over the forecast period of 2021-2027. Also, the growth in surface acoustic wave is immense as the automotive industry is developing new applications and hence, is likely to increase the market growth during the forecast period.

The regional analysis of global Surface Acoustic Wave (SAW) resonator market is considered for the key regions such as Asia Pacific, North America, Europe, Latin

America and Rest of the World. North America is the significant region across the world in terms of market share owing to the technological advancements, low manufacturing cost, and wireless and passive nature of the products are the major driver of the growth. Whereas, Europe is also anticipated to exhibit highest growth rate over the forecast period 2021-2027. Factors such as increase in use of applications such as aerospace, automotive, healthcare, industrial sector and consumer electronics. would create lucrative growth prospects for the Surface Acoustic Wave (SAW) resonator market across Asia-Pacific region.

Major market player included in this report are:

Vectron International

Qualtre, Inc.

SENSeOR

Sensor Technology Ltd.

NanoTemper Technologies GmbH

Althen GmbH

Transense Technologies

Pro-micron

Heinz Messwiderstande

Hawk Measurement System

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Type:

Surface Acoustic Wave (SAW)

Bulk Acoustic Wave (BAW)

By Devices:

Resonator

Delay line

By Vertical:

Military

Industrial

Automotive
Food and Beverages
Healthcare
Environment
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

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Surface Acoustic Wave (SAW) resonator Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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