

Global Wearable Sensors Market Size study & Forecast, by Product Type (Temperature Sensor, Image Sensor, Motion Sensor, Pressure Sensor, Position Sensor, Medical Based Sensors, Others), by Application (Foot Wear, Body Wear, Wrist Wear, Eye Wear, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Wearable Sensors Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% during the forecast period 2023-2030. Wearable sensors are devices that can be worn on the body to collect data related to various physiological and environmental parameters. These sensors are typically integrated into clothing, accessories, or directly attached to the body, and they can monitor a range of metrics to provide valuable information for various applications. The data collected by wearable sensors can be used for health and fitness tracking, medical monitoring, sports performance analysis, and more. The key factors driving the market growth are the increasing use of smart devices, the benefits of wearable devices in the healthcare sector, the increasing number of connected devices, and the expansion of the Internet of Things (IoT), expand the demand in various application such as healthcare, fitness, consumer electronics and others that anticipated to support the market growth during the forecast period 2023-2030.

Additionally, the rising adoption of IoT connected devices is anticipated to create a lucrative demand for the market during the projected year. According to Statista, in 2020, the number of Internet of Things (IoT) connected devices worldwide was 9.76 billion; in 2022 the number reached 13.14 billion and it is anticipated to reach 23.14 billion by 2027. As a result, the growing adoption of IoT connected globally is

anticipated to influence the market growth. Moreover, the growing trend toward smart living among end users and growing investment in novel technology development for wearable sensors are anticipated to create the lucrative opportunities for the market during the forecast period 2023-2030. However, the privacy and security of a person is at risk, and high prices of wearable sensors due to the technical difficulty related to the sensor stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Wearable Sensors Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the rising investments and innovations in healthcare and security applications, increased popularity of IoT platforms, and growing adoption of advanced technologies in various industries. Whereas, the Asia Pacific is expected to grow with the fastest growth rate over the forecast period, owing to factors such as the increased technological innovation in the consumer electronics sector, the presence of leading firms from the consumer electronics sector, and increased usage of smart devices.

Major market player included in this report are:

STMicroelectronics

Infineon Technologies AG

Knowles Electronics LLC

Nxp Semiconductors

Texas Instruments Incorporated

TE Connectivity

Broadcom

Analog Devices, Inc

Panasonic Holdings Corporation

Asahi Kasei Corporation

Recent Developments in the Market:

In May 2023, STMicroelectronics (Switzerland) has introduced their inaugural MEMS pressure sensors, characterized by exceptional accuracy and robust environmental resilience. These sensors are well-suited for applications in gas and water-metering equipment, weather monitoring, air conditioning, and home appliances.

Global Wearable Sensors Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered – Product Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

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 Product Type:

Temperature Sensor

Image Sensor

Motion Sensor

Pressure Sensor

Position Sensor

Medical Based Sensors

Others

By Application:

Foot Wear

Body Wear

Wrist Wear

Eye Wear

Others

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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