

Global Capacitive Sensor Market Size study, by Type (Touch Sensor, Motion Sensor, Position Sensor and Others), End-Use (Consumer Electronics, Food & Beverages, Oil & Gas and Others) and Regional Forecasts 2020-2027

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Abstracts

Global Capacitive Sensor Market is valued approximately USD 27.3 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 5.2 % over the forecast period 2020-2027. Capacitive Sensors are the devices which sense the electrically charged objects that can detect any kind of object despite any material. They are able to sense the non-conductors since they can be electrically charged. They have applications in various consumer electronics, automotive, and aerospace and defense, among others as they have high durability, sensitivity, and higher measurement accuracy than resistive or inductive sensors. Further, increasing investments in electronics industry, growing demand for multi touchscreens, multi-media players, tablets, smartphones, and gaming consoles has led the adoption of Capacitive Sensor across the forecast period. The development of signal conditioner for capacitive sensors and the growing demand for electronics components market has increased the market growth of the global capacitive sensors market. For instance, in 2019, IDT, Inc. launched ZSSC3230—an energy efficient 18-bit signal conditioner for capacitive sensor. However, high manufacturing costs due to shortage of raw materials and low investment on research & development in developing countries impedes the growth of the market over the forecast period of 2020-2027. Also, with the increasing favorable government regulations & related policies, consumer electronics market is growing thus, creating an opportunity and hence, the adoption & demand for Capacitive Sensor is likely to increase.

The regional analysis of global Capacitive Sensor 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 leading/significant region across the world in terms of market share owing to the growing consumer electronics market & adoption of innovative technologies. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2020-2027. Factors such as rising disposable income and manufacturing factories due to affordable raw materials and labor would create lucrative growth prospects for the Capacitive Sensor Market across Asia-Pacific region.

Major market player included in this report are:

Analog Devices, Inc.
Cypress Semiconductor Corporation
Infineon Technologies AG
Microchip Technology, Inc.
Micro-Epsilon
NXP Semiconductors N.V
OMRON Corporation
Renesas Electronics Corporation
Schneider Electric
Texas Instruments Incorporated

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:

Touch Sensor
Motion Sensor
Position Sensor
Others

By End-Use:

Consumer Electronics
Food & Beverages
Oil & Gas

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

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018

Base year – 2019

Forecast period – 2020 to 2027

Target Audience of the Global Capacitive Sensor 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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