

Europe Flexible Electronics Market Forecast to 2030 - Regional Analysis - by Components (Display, Battery, Sensors, Memory, and Others) and Application (Consumer Electronics, Automotive, Healthcare, Industrial, and Others)

<https://marketpublishers.com/r/EF9F84DB1974EN.html>

Date: September 2024

Pages: 89

Price: US\$ 3,550.00 (Single User License)

ID: EF9F84DB1974EN

Abstracts

The Europe flexible electronics market was valued at US\$ 7,090.62 million in 2022 and is expected to reach US\$ 16,074.48 million by 2030; it is estimated to register a CAGR of 10.8% from 2022 to 2030.

Growing Need for Flexible Devices in Healthcare Industry Drive Europe Flexible Electronics Market

The demand for flexible electronics in the healthcare industry is growing tremendously. Various consumers have already embraced wearable technology, as it helps them to learn about their heartbeat, steps for the day, sleep quality, exercise tracking, and other wellness-based information, thus helping monitor health. Besides this, other more specialized medical wearables are also witnessing significant growth as these devices can provide crucial information to medical professionals and help them provide superior care to patients. In addition to wearables, the healthcare industry has started using flex circuits because of their flexibility. Stretchable sensors, for example, healthcare professionals to make patients more comfortable while also providing specialists with valuable data. Gas sensors have also achieved amazing advances in flexible electronics.

Professionals can get a lot of information regarding biomarkers present in a patient's breath with devices that use graphene, carbon nanotubes, and flex circuits. Moreover, wearable devices such as electronic skin patches, which can adhere to the skin, can be

very useful for physicians as they can attach the device to the patient's body and send them home to resume their regular activities. The electronic skin patches can wirelessly transmit data to the physician, or this data can be collected at the end of the monitoring period. Thus, all the above factors are raising the demand for flexible devices in the healthcare industry, thereby propelling the flexible electronics market growth.

Europe Flexible Electronics Market Overview

Europe also witnessed growth of 15% in EV sales in 2022, as per the IEA's annual Global Electric Vehicle Outlook. Also, in July 2021, the European Commission announced its plan to cut 55% of carbon emissions from cars by 2030 from 37.5% recorded in 2021. It also mandated a 100% cut in carbon emissions by 2035, thus restricting the sales of internal combustion engine (ICE) vehicles in 27 European countries. Therefore, such initiatives to increase the adoption of EVs and growing investment from leading players in zero-emission vehicles are expected to fuel the adoption of flexible electronic components in Europe in the coming years.

Europe Flexible Electronics Market Revenue and Forecast to 2030 (US\$ Million)

Europe Flexible Electronics Market Segmentation

The Europe flexible electronics market is categorized into components, application, and country.

Based on component, the Europe flexible electronics market is segmented into display, battery, sensors, memory, and others. The display segment held the largest Europe flexible electronics market share in 2022.

In terms of application, the Europe flexible electronics market is segmented into consumer electronics, automotive, healthcare, industrial, and others. The consumer electronics segment held the largest Europe flexible electronics market share in 2022.

Based on country, the Europe flexible electronics market is categorized into France, Germany, Italy, the UK, Russia, and the Rest of Europe. Germany dominated the Europe flexible electronics market share in 2022.

AUO Corp, E Ink Holdings Inc, Enfucell Flexible Electronics Ltd, General Electric Co, LG Electronics Inc, MFLEX, and Samsung Electronics Co Ltd are some of the leading

companies operating in the Europe flexible electronics market.

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