

Global Flexible Electronics Market Size study, By Components (Display, Battery, Sensors, Memory), By Application (Consumer Electronics, Automotive, Healthcare, Industrial), and Regional Forecasts 2022-2028

<https://marketpublishers.com/r/G3506B4E5D21EN.html>

Date: September 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G3506B4E5D21EN

Abstracts

Global Flexible Electronics Market is valued approximately USD XX Billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028.

Flexible electronics are widely utilised in smartphones, PCs, tablets, TVs, wearable technology, and other consumer electronics because they are reliable, affordable, and long-lasting. These devices incorporate flexible displays to save on space and to thin and lighten them. Flexible organic light-emitting diode (OLED) and flexible organic liquid crystal display are the two main types of displays employed (OLCD). Along with the rising need for consumer electronics, the rise in demand for flexible electronics. To continually improve their products, major industry players are making significant investments in R&D which is creating lucrative growth opportunity for the market. For instance, In 2021, Samsung and Intel worked together to achieve 305Gbps on their 5G SA core. The company anticipates that its highly adaptable and scalable design would enable the delivery of 5G services more quickly and affordably. A foldable gadget featuring a hinge mechanism that makes use of moveable flaps to assist protect the display from being scratched or dented when folded was awarded a patent to Apple Inc. in 2020. However, the price of new tools and materials for the study of flexible electronics is very high. Therefore, manufacturers must put a strong emphasis on R&D to develop goods that go beyond cost cutting, such as those that are resilient, flexible, and thin.

The key regions considered for the global Flexible Electronics Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. The existence of numerous research institutions working on technical projects, North America currently controls the majority of the global market for flexible electronics. In the market for flexible electronics, Asia-Pacific is predicted to grow at the highest rate due to the presence of numerous significant industrial conglomerates and its substantial manufacturing capacity.

Major market players included in this report are:

Thinfilm Electronics ASA

Solar Frontier K.K.

Samsung

Pragmatic Printing Ltd.

PARC

LG

GE Measurement & Control Solutions

3M

Cymbet Corporation, Inc.

Panasonic India

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 Components

Display

Battery

Sensors

Memory

By Application

Consumer Electronics

Automotive

Healthcare

Industrial

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, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Flexible Electronics 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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