

# **North America 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)**

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## **Abstracts**

The North America flexible electronics market was valued at US\$ 8,766.31 million in 2022 and is expected to reach US\$ 18,464.31 million by 2030; it is estimated to register a CAGR of 9.8% from 2022 to 2030.

### **Rising Demand for Connected Devices Fuels North America Flexible Electronics Market**

The demand for smartphones, tablets, wearables, and other connected devices, such as smartwatches, fitness trackers, VR headsets, and headsets, is increasing across the world. These connected devices are used for various purposes in day-to-day life, which include accurate tracking of real-time data and providing enhanced convenience. According to the Groupe Speciale Mobile Association (GSMA), smartphone adoption across the world was 76% in 2022, totaling 6.4 billion smartphone connections. The adoption is expected to rise to 92% by 2030, making 9 billion connections globally. According to the same report, smartphone adoption in North America was 84% in 2022 and is expected to climb to 90% by 2030. In many industries, wearables are used to track and manage personnel. For instance, miners can be tracked under deep tunnels and alerted if signs of distress occur. Similarly, wearables are used for dementia patients to track their location if they go missing or get themselves in danger and need emergency help. Thus, the growing demand for connected devices is propelling the flexible electronics market growth.

### **North America Flexible Electronics Market Overview**

North America is witnessing tremendous growth in the flexible electronics market, owing to the presence of various market players who are continuously working on innovation and advancement in flexible electronics technology. In January 2022, Imprint Energy announced the launch of a new zinc-based battery technology, ZinCore. These new battery provides 10X more power density, particularly in a tighter space and provides greater temperature ranges while meeting 5G radio demands. In addition, they are thinner and more flexible, having a width of 1.0 mm and a bending diameter of 3 inches. Thus, such product innovations by the market players are fueling the growth of the flexible electronics market in the region.

## North America Flexible Electronics Market Revenue and Forecast to 2030 (US\$ Million)

### North America Flexible Electronics Market Segmentation

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

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

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

Based on country, the North America flexible electronics market is categorized into the US, Canada, and Mexico. The US dominated the North America flexible electronics market share in 2022.

Samsung Electronics Co Ltd; LG Electronics Inc; SRI International; Imprint Energy; Blue Spark Technologies, Inc.; E Ink Holdings Inc; General Electric Co; AUO Corp; and MFLEX are some of the leading companies operating in the North America flexible electronics market.

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