

Global Flexible Electronics Market Forecast 2017-2024

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Abstracts

The flexible electronics market is anticipated to grow at an approximate CAGR of 26.25% during the forecast period of 2017 and 2024. The advancements in the technology with research and development in the thin film products and field of compact size devices has led to the growth of flexible electronics market.

MARKET INSIGHTS

The flexible electronics market is segmented on the basis of Circuit Structure, Applications, Components, and Geography. The Circuit Structure flexible electronics market is segmented into Single-Sided Flex Circuit, Double-Sided Flex Circuit, Back-Bared or Double Access Flex Circuit, Rigid Flex Circuit and Others.

The flexible electronics components market is segmented into Flexible Display, Flexible Battery, Flexible Sensor, Flexible Memory, Photo Voltaics and Others. The flexible electronics flexible display market is segmented into OLED, E-Paper and LCD. The flexible electronics flexible sensors market is segmented into Bio Sensors, Cmos Hybrid Sensors, Photo Detectors, Piezo Resistive and Others. The flexible electronics application market is segmented into Consumer Electronics, Automotive, Medical and Healthcare, Energy and Power, Defense & Aerospace, Sensing, and Others. The flexible consumer electronics market is segmented into Wearable Devices, Smart Phones, Tablets and E-Readers, Televisions and Others. The Automotive flexible electronics market is segregated into Oled Lightings and Displays, Smart Systems and Green Cars. The medical and healthcare flexible electronics market is segmented into Day-To-Day Health Monitoring Devices and Core Medical Devices.

The distinguishable features of the flexible circuits, the availability of environment-friendly batteries, acceleration of consumers in electronic industry and the positive and innovative trends of wearable devices are the major market drivers. The

commercialization of the products and the manufacturing and processing of the flexible electronics needs intensive attention and consumes time which acts as major restraints for the market.

REGIONAL INSIGHTS

Asia-Pacific dominates the market share by leading the global flexible electronics market. India, Japan, and China are the emerging leading countries in APAC with the acceleration in consumer flexible electronics market. North America holds the second largest market share of flexible electronics. The Europe flexible electronics market is projected to grow during the forecast years.

COMPETITIVE INSIGHTS

3m, Cymbet Corporation, Inc, Front Edge Technologies, E Ink Holdings Inc., Ge Measurement & Control Solutions (General Electric Company Holding Company), Itn Energy Systems Inc., Suzhou Dongshan Precision Manufacturing Co. Ltd, First Solar, LG Electronics, Pragmatic Printing Limited, Thin Film Electronics Asa, Solar Frontier K.K., Samsung Electronics Co., Ltd., Brightvolt (Previously Known As Solicore Inc.) and PARC are the dominant leaders in the flexible electronics market.

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