

Flexible Electronics Market by Components (Display, Battery, Sensor, Photovoltaic, Memory), Circuit Structure (Single-Sided, Double-Sided, Rigid) Application (Consumer Electronics, Healthcare, Automotive, Energy and Power), & by Geography - Analysis & Forecast to 2014 - 2020

<https://marketpublishers.com/r/F2E1DCBBBEDEN.html>

Date: July 2014

Pages: 247

Price: US\$ 5,650.00 (Single User License)

ID: F2E1DCBBBEDEN

Abstracts

The traditional electronic circuits are built on thick inflexible substrates whereas; the Flexible Electronics is a field in which the integrated circuits are built on substrate like plastic or metallic foil, which can be folded, wrapped, twisted, or rolled without affecting its electronic function. The flexible electronic market is growing with highly increasing demand rate due to its flexible handling capability and reduced assembly costs. The flexible electronic devices have started penetrating in different applications in the sectors such as consumer electronics, medical and healthcare, and power and energy, automotive and defense.

This research study on the Flexible electronics market focuses on various component segments such as; flexible display, flexible battery, flexible sensor, flexible memory and thin film PV (CIGS); the market for printed memory component is expected to grow at a higher CAGR in the forecast period.

The Global flexible electronics market is expected to reach \$13.23 billion by 2020, at an estimated CAGR of 21.73%. The emerging consumer electronics market is expected to grow at a CAGR of 44.30% in the forecast period. North America is the biggest flexible electronics market, followed by Europe and APAC.

The report analyzes the entire market on the basis of all the major geographical

segments such as North America, Central America, South America, Europe, Africa, the Middle-East, Asia, and Oceania. North America and Europe are currently the largest markets, but in the Asian region, it is expected to exhibit a high growth in the next seven years.

The report also draws the competitive landscape of the Flexible electronics industry by analyzing the major players and the strategies adopted by them for growth in the market. Apart from the market segmentation data, the report also includes qualitative analysis of various market dynamics such as the drivers, restraints, opportunities, burning issues, and winning imperatives. It also analyzes the overall market through various models; such as the Porter's five forces model. The report includes profiles of major market players in the global flexible electronics market with their respective market share analysis.

The report profiles the major companies active in this field such as Samsung Electronics (South Korea), Solar Frontier (Japan), PARC, Inc. (U.S.), LG Corporation (Japan), Cymbet Corporation (U.S.) and few others.

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