

# Upcoming Opportunities in Organic Electronics Market Business Strategies, size Worth USD 178.25 Billion in 2028

*Market Size – USD 55.18 Billion in 2020,  
Market Growth – at a CAGR of 15.4%,  
Market Trends – High demand from Asia Pacific*

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/EINPresswire.com/ -- The global [organic electronics market](#) size is expected to reach USD 178.25 Billion at a steady CAGR of 15.4% in 2028, according to latest analysis by Emergen Research. Steady market revenue growth can be attributed to rising

demand for consumer electronic products and increasing focus on integrating advanced functionalities at reduced cost. Organic electronics offer several more benefits as compared to electronic products based on inorganic materials such as silicon and gallium arsenide. For example, organic semiconductors along with being lightweight and cost-effective, provide

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Growing demand for consumer electronic products and increasing focus on integrating advanced functionalities at reduced cost are key factors driving market revenue growth”

*EMARGEN RESEARCH*



mechanical flexibility and possibility of chemical modifications. In addition, organic electronic materials consume less power. Additionally, a significant property of organic materials-based devices is that these can be produced at room temperature, which allows for integration of large-area electronic functions cost-effectively on flexible substrates.

Organic electronics is garnering significant traction in the medical industry, particularly in the treatment of blindness by insertion of retinal chip in patient's eye. Organic retinal chips convert light rays entering the eye into electrical

signals and transfer it to brain via the receptor cells. This technology has enabled patients with blindness to distinguish light and dark, object contours, and occasionally even facial expressions

and alphabets.

Growing emphasis on technologies for renewable energy generation has fueled demand for organic electronic batteries owing to high-power density of electrodes, and fast charging and discharging benefits.

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<https://www.emergenresearch.com/request-sample/670>

Competitive Landscape:

The latest study provides an insightful analysis of the broad competitive landscape of the global Organic Electronics market, emphasizing the key market rivals and their company profiles. A wide array of strategic initiatives, such as new business deals, mergers & acquisitions, collaborations, joint ventures, technological upgradation, and recent product launches, undertaken by these companies has been discussed in the report. The report analyzes various elements of the market's competitive scenario, such as the regulatory standards and policies implemented across the industry over recent years. Our team of experts has leveraged several powerful analytical tools, such as Porter's Five Forces analysis and SWOT analysis, to deliver a comprehensive overview of the global Organic Electronics market and pinpoint the fundamental growth trends.

Leading companies profiled in the report are:

Covestro AG, Novald GmbH, Koninklijke Philips NV, Sumitomo Corporation, BASF SE, Siemens AG, LG Display Co. Ltd., Universal Display Corporation, Samsung Display Co. Ltd., and Evonik Industries

Some Key Highlights from the Report

In July 2019, Sumitomo Chemical and Isorg, which a leading supplier of organic photodetector devices and large-area image sensors, made an announcement about entering into a collaborative agreement for developing organic photodetector devices for use in organic CMOS image sensors and fingerprint sensors in smartphones.

Organic semiconductors find wide application in organic light-emitting diodes lighting and displays applications, thin film batteries, electronic paper, organic photovoltaics, supercapacitors, and sensors.

Organic electronic displays are made up of an organic film to generate light energy via phosphorescence instead of deploying backlight. Organic electronic displays devices such as OLEDs offer several benefits over LCDs such as highly reduced screen thickness, enhanced image quality with improved contrast, viewing angle, wider color gamut, increased brightness,

and better refresh rates. Also, simpler design of OLEDs allows for foldable, flexible, and transparent displays.

Organic electronics market in Asia Pacific accounted for fastest revenue CAGR in 2020 and the trend is expected to continue over the forecast period due to rapid growth of the consumer electronics industry and increasing disposable income. In addition, presence of leading manufacturers of organic electronics in countries in the region are causative of steady market growth.

Key Parameters Analyzed in This Section:

Company Profiles

Gross Revenue

Profit margins

Product sales trends

Product pricing

Industry Analysis

Sales & distribution channels

Regional Segmentation:

North America

Latin America

Europe

Middle East & Africa

Asia Pacific

Key Points Covered in This Section:

Regional contribution

Estimated revenue generation

Vital data and information about the consumption rate in all the leading regional segments

An expected rise in market share

Forecast growth in the overall consumption rate

Browse the Complete Research Report – Industry Analysis, Size, Share, Growth, Trends @ <https://www.emergenresearch.com/industry-report/organic-electronics-market>

The study outlines the rapidly evolving and growing market segments along with valuable insights into each element of the industry. The industry has witnessed the entry of several new players, and the report aims to deliver insightful information about their transition and growth in the market. Mergers, acquisitions, partnerships, agreements, product launches, and joint ventures are all outlined in the report.

Segment Analysis:

Material Type Outlook (Revenue, USD Billion; 2018–2028)

Semiconductor

Dielectric

Conductor

Substrate

Application Outlook (Revenue, USD Billion; 2018–2028)

Display

Battery

Lighting

Conductive Ink

Memory

Organic Photovoltaics

Sensor

Organic RFID

Others

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Contact Us:

Eric Lee

Corporate Sales Specialist

Emergen Research | Web: [www.emergenresearch.com](http://www.emergenresearch.com)

Direct Line: +1 (604) 757-9756

E-mail: [sales@emergenresearch.com](mailto:sales@emergenresearch.com)

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Eric Lee

Emergen Research

+91 90210 91709

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