

Global OLED-on-Silicon Microdisplays Market Growth 2023-2029

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Abstracts

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OLED-on-Silicon Microdisplays is an emerging display technology product. Compared with LCD display, OLED microdisplay technology has many advantages.

- 1) Low power consumption, 20% less power consumption than LCD, and the battery weight can be lighter.
- 2) The working temperature is wide, and it can work in the temperature range of -46?~+70? without heating and cooling.
- 3) High contrast ratio, the contrast ratio of LCD is 60:1, and the contrast ratio of OLED microdisplay can reach 10000:1.
- 4) The response speed is fast, the time required for OLED pixel update is less than 1?s, while the update time of LCD is usually 10~15ms, the difference is 1000 to 1500 times.

LPI (LP Information)' newest research report, the "OLED-on-Silicon Microdisplays Industry Forecast" looks at past sales and reviews total world OLED-on-Silicon Microdisplays sales in 2022, providing a comprehensive analysis by region and market sector of projected OLED-on-Silicon Microdisplays sales for 2023 through 2029. With OLED-on-Silicon Microdisplays sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world OLED-on-Silicon Microdisplays industry.

This Insight Report provides a comprehensive analysis of the global OLED-on-Silicon

Microdisplays landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on OLED-on-Silicon Microdisplays portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global OLED-on-Silicon Microdisplays market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for OLED-on-Silicon Microdisplays and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global OLED-on-Silicon Microdisplays.

The global OLED-on-Silicon Microdisplays market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for OLED-on-Silicon Microdisplays is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for OLED-on-Silicon Microdisplays is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for OLED-on-Silicon Microdisplays is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key OLED-on-Silicon Microdisplays players cover eMagin, SONY, Micro Emissive Displays(MED), Fraunhofer IPMS, MicroOLED, Seiko Epson, Kopin Corporation, Olightek Opto-electronic Technology and Boe Technology Group, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of OLED-on-Silicon Microdisplays market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Self-Luminous Type

Transmissive Type

Reflective Type

Segmentation by application

Military Equipment

Medical Instruments

Industrial Equipment

Wearable Video Terminal Equipment

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

eMagin

SONY

Micro Emissive Displays(MED)

Fraunhofer IPMS

MicroOLED

Seiko Epson

Kopin Corporation

Olightek Opto-electronic Technology

Boe Technology Group

SeeYA Technology

Semiconductor Integrated Display Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global OLED-on-Silicon Microdisplays market?

What factors are driving OLED-on-Silicon Microdisplays market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do OLED-on-Silicon Microdisplays market opportunities vary by end market size?

How does OLED-on-Silicon Microdisplays break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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