

Global On board AI SOC Market Growth 2023-2029

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Abstracts

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On board AI SOC provides hardware support for artificial intelligence functions such as video, voice, and control intelligence. A neural network that mimics the human brain to efficiently process deep learning algorithms.

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

This Insight Report provides a comprehensive analysis of the global On board AI SOC 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 On board AI SOC portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global On board AI SOC market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for On board AI SOC 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 On board AI SOC.

The global On board AI SOC 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 On board AI SOC 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 On board AI SOC 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 On board AI SOC is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key On board AI SOC players cover LG Electronics, Hailo, Kneron, Synaptics, OCE Technology, NXP Semiconductors, Xilinx, STMicroelectronics and Texas Instruments, 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 On board AI SOC market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Smart Cockpit Chip

Autonomous Driving Chip

Vision Analysis Chip

Others

Segmentation by application

Automotive

Industrial

Retail

Smart Home

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.

LG Electronics

Hailo

Kneron

Synaptics

OCE Technology

NXP Semiconductors

Xilinx

STMicroelectronics

Texas Instruments

Intel

Ambarella

Qualcomm

Maxim Integrated

CEVA Inc

Infineon Technologies

Key Questions Addressed in this Report

What is the 10-year outlook for the global On board AI SOC market?

What factors are driving On board AI SOC market growth, globally and by region?

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

How do On board AI SOC market opportunities vary by end market size?

How does On board AI SOC break out type, application?

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

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