

Global Automotive Application-Specific Integrated Circuit Market Growth 2026-2032

<https://marketpublishers.com/r/G6B04142191FEN.html>

Date: August 2026

Pages: 86

Price: US\$ 3,660.00 (Single User License)

ID: G6B04142191FEN

Abstracts

The global Automotive Application-Specific Integrated Circuit market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

United States market for Automotive Application-Specific Integrated Circuit is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Automotive Application-Specific Integrated Circuit is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Automotive Application-Specific Integrated Circuit is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Automotive Application-Specific Integrated Circuit players cover Infineon Technologies AG, Texas Instruments Incorporated, STMicroelectronics, NXP Semiconductors, Renesas Electronics Corporation, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?Automotive Application-Specific Integrated Circuit Industry Forecast? looks at past sales and reviews total world Automotive Application-Specific Integrated Circuit sales in 2025, providing a comprehensive analysis by region and market sector of projected Automotive Application-Specific Integrated Circuit sales for 2026 through 2032. With Automotive

Application-Specific Integrated Circuit sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automotive Application-Specific Integrated Circuit industry.

This Insight Report provides a comprehensive analysis of the global Automotive Application-Specific Integrated Circuit 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 Automotive Application-Specific Integrated Circuit portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive Application-Specific Integrated Circuit market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive Application-Specific Integrated Circuit 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 Automotive Application-Specific Integrated Circuit.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive Application-Specific Integrated Circuit market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Full Custom Design ASIC

Semi-custom Design ASIC (Standard Cell Based ASIC and Gate Array Based ASIC)

Programmable ASIC

Segmentation by Application:

Passenger Vehicle

Commercial Vehicle

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 analysing the company's coverage, product portfolio, its market penetration.

Infineon Technologies AG

Texas Instruments Incorporated

STMicroelectronics

NXP Semiconductors

Renesas Electronics Corporation

Analog Devices, Inc.

ON Semiconductor

Maxim Integrated

Microchip Technology Inc.

Toshiba Electronic Devices & Storage Corporation

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive Application-Specific Integrated Circuit market?

What factors are driving Automotive Application-Specific Integrated Circuit market growth, globally and by region?

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

How do Automotive Application-Specific Integrated Circuit market opportunities vary by end market size?

How does Automotive Application-Specific Integrated Circuit break out by Type, by Application?

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