

# Global Automotive Driver Assist SoC Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Automotive Driver Assist SoC market size is expected to reach \$ 4396 million by 2032, rising at a market growth of 10.4% CAGR during the forecast period (2026-2032).

In 2025, global sales of Automotive Driver Assist SoC reached approximately 150 million units, with an average market price of about USD 15 per unit, an annual production capacity of roughly 170 million units, and an industry-average gross margin of approximately 40%.

An Automotive Driver Assist SoC is a highly integrated, automotive-grade system-on-chip designed for driver assistance, combining CPU/GPU/AI accelerators, ISP, memory interfaces, and in-vehicle connectivity to support perception fusion, object detection, decision-making, and control, with strong emphasis on real-time performance, functional safety (ASIL), and reliability.

Upstream spans semiconductor IP, EDA tools, foundry services, packaging/testing, and automotive-grade memory; midstream centers on SoC design, software/algorithm adaptation, and reference platforms; downstream demand comes from ADAS ECUs in passenger and commercial vehicles—supporting functions such as AEB, ACC, LKA, and parking assist—with volumes driven by broader model adoption and regulatory momentum.

This report studies the global Automotive Driver Assist SoC production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive

Driver Assist SoC and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automotive Driver Assist SoC that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Automotive Driver Assist SoC total production and demand, 2021-2032, (Million Units)

Global Automotive Driver Assist SoC total production value, 2021-2032, (USD Million)

Global Automotive Driver Assist SoC production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Million Units), (based on production site)

Global Automotive Driver Assist SoC consumption by region & country, CAGR, 2021-2032 & (Million Units)

U.S. VS China: Automotive Driver Assist SoC domestic production, consumption, key domestic manufacturers and share

Global Automotive Driver Assist SoC production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Million Units)

Global Automotive Driver Assist SoC production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

Global Automotive Driver Assist SoC production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

This report profiles key players in the global Automotive Driver Assist SoC market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include TI, MPS, Renesas, Qualcomm, NVIDIA, Mobileye, NXP, Ambarella, HiSilicon, Black Sesame Technologies, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automotive Driver Assist SoC market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Million Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years

2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Automotive Driver Assist SoC Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automotive Driver Assist SoC Market, Segmentation by Type:

L1 SoC

L2 SoC

L3 SoC

Global Automotive Driver Assist SoC Market, Segmentation by Sensor Processing Focus:

Camera-centric SoC

Radar-centric SoC

## Global Automotive Driver Assist SoC Market, Segmentation by Application:

Passenger Vehicles

Commercial Vehicles

## Companies Profiled:

TI

MPS

Renesas

Qualcomm

NVIDIA

Mobileye

NXP

Ambarella

HiSilicon

Black Sesame Technologies

Horizon Robotics

SEPA

## Key Questions Answered:

1. How big is the global Automotive Driver Assist SoC market?
2. What is the demand of the global Automotive Driver Assist SoC market?
3. What is the year over year growth of the global Automotive Driver Assist SoC market?

4. What is the production and production value of the global Automotive Driver Assist SoC market?
5. Who are the key producers in the global Automotive Driver Assist SoC market?
6. What are the growth factors driving the market demand?

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