

Global Autonomous Driving Chip Market Growth 2024-2030

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Abstracts

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Autonomous Driving Chip is mainly a computing unit that enables vehicles to achieve autonomous driving and is part of the artificial intelligence (AI) chip. Autonomous Driving Chip started from Computer Vision (CV) and gradually evolved algorithms for the scenes encountered by the car during driving; the algorithms have two schools: top-down and bottom-up.

The global Autonomous Driving Chip market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) 'newest research report, the "Autonomous Driving Chip Industry Forecast" looks at past sales and reviews total world Autonomous Driving Chip sales in 2023, providing a comprehensive analysis by region and market sector of projected Autonomous Driving Chip sales for 2024 through 2030. With Autonomous Driving Chip sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Autonomous Driving Chip industry.

This Insight Report provides a comprehensive analysis of the global Autonomous Driving Chip 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 Autonomous Driving Chip portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position



in an accelerating global Autonomous Driving Chip market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Autonomous Driving Chip 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 Autonomous Driving Chip.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US\$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical regions showed double-digit growth except Asia Pacific. The largest region, Asia Pacific, declined 2.0 percent. Sales in the Americas were US\$142.1 billion, up 17.0% year-on-year, sales in Europe were US\$53.8 billion, up 12.6% year-on-year, and sales in Japan were US\$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US\$336.2 billion, down 2.0% year-on-year.

This report presents a comprehensive overview, market shares, and growth opportunities of Autonomous Driving Chip market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type	:		
GPU			
FPGA			
ASIC			

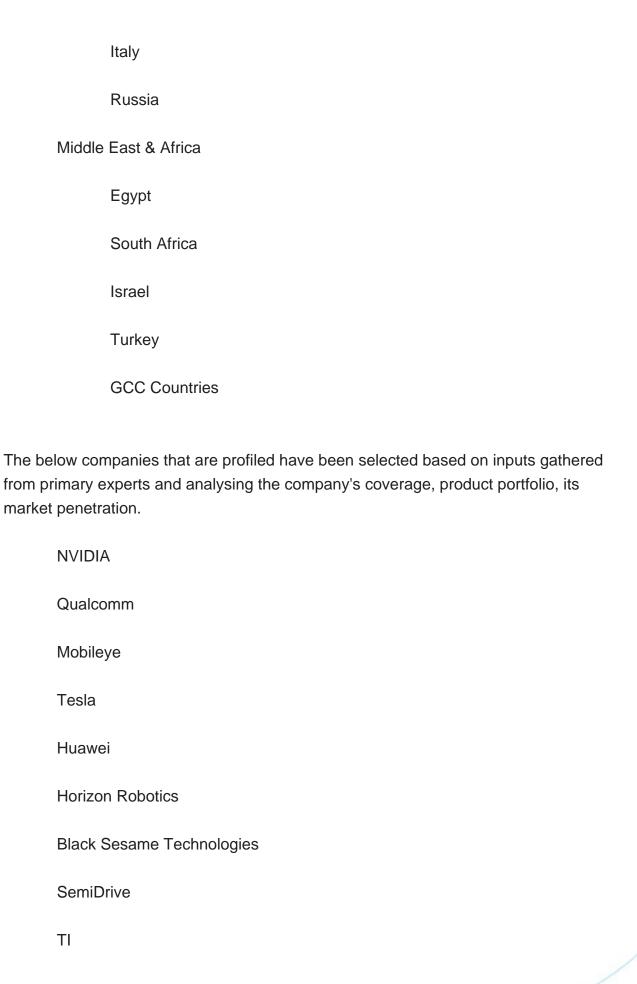
Segmentation by Application:

Others



Comm	Commercial Vehicle		
Passenger Car			
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		







region?

Renesas		
Infineon		
SiEngine Technology		
Key Questions Addressed in this Report		
What is the 10-year outlook for the global Autonomous Driving Chip market?		

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

How do Autonomous Driving Chip market opportunities vary by end market size?

What factors are driving Autonomous Driving Chip market growth, globally and by

How does Autonomous Driving Chip break out by Type, by Application?



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