

Global Car Chip?Automotive Chip? Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Car Chip?Automotive Chip? market size was valued at US\$ 29970 million in 2024 and is forecast to a readjusted size of USD 48800 million by 2031 with a CAGR of 7.3% during review period.

Car Chips refer to integrated circuits used in cars. They are circuit modules that integrate multiple electronic components on a silicon board to achieve specific functions. Integrated circuits are responsible for computing and storage in electronic devices and are the most important part of electronic devices. In cars, integrated circuits are widely used in various systems, such as engine control units, in-vehicle entertainment systems, safety systems, etc.

Global key car chip players include Infineon, NXP and UACJ etc. The top 3 companies hold a share about 51%. Asia-Pacific is the largest market with a share about 42%, followed by Europe and North America. In terms of product, MCU Function Chip is the largeset segment with a share about 48%. And in terms of applications, the largest application is power control with a share about 32%.

This report is a detailed and comprehensive analysis for global Car Chip?Automotive Chip? market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Car Chip?Automotive Chip? market size and forecasts, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (US\$/K Units), 2020-2031

Global Car Chip?Automotive Chip? market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (US\$/K Units), 2020-2031

Global Car Chip?Automotive Chip? market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (US\$/K Units), 2020-2031

Global Car Chip?Automotive Chip? market shares of main players, shipments in revenue (\$ Million), sales quantity (M Units), and ASP (US\$/K Units), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Car Chip?Automotive Chip?

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Car Chip?Automotive Chip? market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Infineon, NXP, Renesas, Texas Instrument, ST, Onsemi, Microchip, Micron, Samsung, SK Hynix, etc.

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

Market Segmentation

Car Chip?Automotive Chip? market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Computing Chip

MCU Function Chip

Power Chip

Driver Chip

Sensor Chip

Analog Chip

Functional Safety Chip

Power Supply Chip

Memory Chip

Communication Chip

Market segment by Application

Power Control

Battery Management

In-Vehicle Infotainment System

Advanced Driver Assistance Systems (ADAS)

Others

Major players covered

Infineon

NXP

Renesas

Texas Instrument

ST

Onsemi

Microchip

Micron

Samsung

SK Hynix

Winbond

Western Digital

Wingtech

Kioxia

GigaDevice

ISSI

Analog Devices

Nanya

SemiDrive

Horizon Robotics

Powersemi

Market segment by region, regional analysis covers

- North America (United States, Canada, and Mexico)
- Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
- Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
- South America (Brazil, Argentina, Colombia, and Rest of South America)
- Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Car Chip?Automotive Chip? product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Car Chip?Automotive Chip?, with price, sales quantity, revenue, and global market share of Car Chip?Automotive Chip? from 2020 to 2025.

Chapter 3, the Car Chip?Automotive Chip? competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Car Chip?Automotive Chip? breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025.and Car Chip?Automotive Chip? market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Car Chip?Automotive Chip?.

Chapter 14 and 15, to describe Car Chip?Automotive Chip? sales channel, distributors, customers, research findings and conclusion.

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