

Automotive Chip Market Size, Share & Trends Analysis Report By Component Type (Analog ICs, Logic ICs, Microcontroller, Memory), By Application Type, By Vehicle Type (Passenger, Commercial), And Segment Forecasts, 2018 - 2025

<https://marketpublishers.com/r/AC2FFF4F68CEN.html>

Date: May 2018

Pages: 106

Price: US\$ 4,950.00 (Single User License)

ID: AC2FFF4F68CEN

Abstracts

This report can be delivered to the clients within 48 Hours

The global automotive chip market size is expected to reach USD 56.24 billion by 2025, according to a study conducted by Grand View Research, Inc., exhibiting a CAGR of 10.7% during the forecast period. Rising awareness regarding energy-efficient lighting systems and burgeoning sales of luxury vehicles equipped with navigation and infotainment systems are creating an upswing in the demand for automotive chips.

Spiraling demand for commercial and passenger vehicles is driving the automotive chip market. Automotive chip enhances a vehicle's security system and in-vehicle infotainment system. It also ensures safety and comfort of occupants including the driver. For instance, the SYNC technology of Ford enables driver to make hands-free phone calls and lets them control the entire navigation and infotainment system using their voice. These benefits are expected to stoke the growth of the market. However, complex and expensive technology and network challenges in developing economies are estimated to hinder the growth of the market over the forecast period.

In the North America region, the automotive chip market is likely to expand at a CAGR of 9.2% over the forecast period. Prominent vendors in the market include Microchip Technology Inc.; Texas Instruments Incorporated; Robert Bosch GmbH; NXP Semiconductors; and Infineon Technologies AG.

Further Key Findings from the Study Suggest:

Soaring demand for connectivity and safety features is one of the key trends boosting market growth

The passenger car vehicle type segment is anticipated to emerge as the fastest growing segment owing to burgeoning demand for SUVs

On the basis of application, the body electronics segment is poised to hold a prominent position in the market throughout the forecast period due to increasing digitization of vehicles and rising awareness among individuals regarding vehicle electronic accessories

The safety application type segment is likely to post the highest CAGR during the same period due to continuous strengthening of vehicle safety standards

Some of the key companies in the market are Microchip Technology Inc.; Texas Instruments Incorporated; Robert Bosch GmbH; NXP Semiconductors; and Infineon Technologies AG.

Contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Research Methodology
- 1.2 Research Scope and Assumptions
- 1.3 List of Data Sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Automotive Chip Market - Industry Snapshot & Key Buying Criteria, 2014 - 2025
- 2.2 Automotive Chip Market, 2014 - 2025

CHAPTER 3 AUTOMOTIVE CHIP MARKET INDUSTRY OUTLOOK

- 3.1 Market Segmentation and Scope
- 3.2 Market Size & Growth Prospects
- 3.3 Automotive Chip Market - Value Chain Analysis
- 3.4 Market Dynamics
 - 3.4.1 Market driver analysis
 - 3.4.1.1 Enhanced operational efficiency
 - 3.4.1.2 Significant increase in adoption of Engine Control Unit (ECU) in modern automobiles
 - 3.4.1.3 Growing focus on vehicle safety systems
 - 3.4.2 Market restraint analysis
 - 3.4.2.1 Network challenges in developing nations
 - 3.4.2.2 Complex and expensive technology
- 3.5 Automotive Chip Penetration & Growth Prospects Mapping
- 3.6 Automotive Chip Market Ranking Analysis
- 3.7 Automotive Chip Market - Porter's Five Forces Analysis
- 3.8 Automotive Chip Market - PEST Analysis

CHAPTER 4 AUTOMOTIVE CHIP MARKET COMPONENT TYPE OUTLOOK

- 4.1 Automotive Chip Market Share By Component Type, 2016 & 2025
- 4.2 Logic ICs
 - 4.2.1 Automotive chip market for logic ICs, 2014 - 2025
- 4.3 Analog ICs
 - 4.3.1 Automotive chip market for analog ICs, 2014 - 2025

4.4 Microcontrollers & Microprocessors

4.4.1 Automotive chip market for microcontrollers & microprocessors, 2014 - 2025

4.5 Memory

4.5.1 Automotive chip market for memory, 2014 - 2025

CHAPTER 5 AUTOMOTIVE CHIP MARKET APPLICATION TYPE OUTLOOK

5.1 Automotive Chip Market Share By Application Type, 2016 & 2025

5.2 Chassis

5.2.1 Automotive chip market for chassis, 2014 - 2025

5.3 Powertrain

5.3.1 Automotive chip market for powertrain, 2014 - 2025

5.4 Safety

5.4.1 Automotive chip market for safety, 2014 - 2025

5.5 Telematics & Infotainment

5.5.1 Automotive chip market for telematics & infotainment, 2014 - 2025

5.6 Body Electronics

5.6.1 Automotive chip market for body electronics, 2014 - 2025

CHAPTER 6 AUTOMOTIVE CHIP MARKET VEHICLE TYPE OUTLOOK

6.1 Automotive Chip Market Share By Vehicle Type, 2016 & 2025

6.2 Passenger Vehicles

6.2.1 Automotive chip market for passenger vehicles, 2014 - 2025

6.3 Commercial Vehicles

6.3.1 Automotive chip market for commercial vehicles, 2014 - 2025

CHAPTER 7 AUTOMOTIVE CHIP MARKET REGIONAL OUTLOOK

7.1 Automotive chip market Share By Region, 2016 & 2025

7.2 North America

7.2.1 North America automotive chip market, 2014 - 2025

7.2.2 North America automotive chip market, by vehicle type, 2014 - 2025

7.2.3 North America automotive chip market, by component type, 2014 - 2025

7.2.4 North America automotive chip market, by application type, 2014 - 2025

7.2.5 U.S.

7.2.5.1 U.S automotive chip market, 2014 - 2025

7.2.5.2 U.S automotive chip market, by vehicle type, 2014 - 2025

7.2.5.3 U.S. automotive chip market, by component type, 2014 - 2025

7.2.5.4 U.S. automotive chip market, by application type, 2014 - 2025

7.2.6 Canada

7.2.6.1 Canada automotive chip market, 2014 - 2025

7.2.6.2 Canada automotive chip market, by vehicle type, 2014 - 2025

7.2.6.3 Canada automotive chip market, by component type, 2014 - 2025

7.2.6.4 Canada automotive chip market, by application type, 2014 - 2025

7.2.7 Mexico

7.2.7.1 Mexico automotive chip market, 2014 - 2025

7.2.7.2 Mexico automotive chip market, by vehicle type, 2014 - 2025

7.2.7.3 Mexico automotive chip market, by component type, 2014 - 2025

7.2.7.4 Mexico automotive chip market, by application type, 2014 - 2025

7.3 Europe

7.3.1 Europe automotive chip market, 2014 - 2025

7.3.2 Europe automotive chip market, by vehicle type, 2014 - 2025

7.3.3 Europe automotive chip market, by component type, 2014 - 2025

7.3.4 Europe automotive chip market, by application type, 2014 - 2025

7.3.5 U.K.

7.3.5.1 U.K. automotive chip market, 2014 - 2025

7.3.5.2 U.K. automotive chip market, by vehicle type, 2014 - 2025

7.3.5.3 U.K. automotive chip market, by component type, 2014 - 2025

7.3.5.4 U.K. automotive chip market, by application type, 2014 - 2025

7.3.6 Germany

7.3.6.1 Germany automotive chip market, 2014 - 2025

7.3.6.2 Germany automotive chip market, by vehicle type, 2014 - 2025

7.3.6.3 Germany automotive chip market, by component type, 2014 - 2025

7.3.6.4 Germany automotive chip market, by application type, 2014 - 2025

7.4 Asia Pacific

7.4.1 Asia Pacific automotive chip market, 2014 - 2025

7.4.2 Asia Pacific automotive chip market, by vehicle type, 2014 - 2025

7.4.3 Asia Pacific automotive chip market, by component type, 2014 - 2025

7.4.4 Asia Pacific automotive chip market, by application type, 2014 - 2025

7.4.5 China

7.4.5.1 China automotive chip market, 2014 - 2025

7.4.5.2 China automotive chip market, by vehicle type, 2014 - 2025

7.4.5.3 China automotive chip market, by component type, 2014 - 2025

7.4.5.4 China automotive chip market, by application type, 2014 - 2025

7.4.6 India

7.4.6.1 India automotive chip market, 2014 - 2025

7.4.6.2 India automotive chip market, by vehicle type, 2014 - 2025

7.4.6.3 India automotive chip market, by component type, 2014 - 2025

7.4.6.4 India automotive chip market, by application type, 2014 - 2025

7.4.7 Japan

7.4.7.1 Japan automotive chip market, 2014 - 2025

7.4.7.2 Japan automotive chip market, by vehicle type, 2014 - 2025

7.4.7.3 Japan automotive chip market, by component type, 2014 - 2025

7.4.7.4 Japan automotive chip market, by application type, 2014 - 2025

7.5 Rest of the World

7.5.1 RoW automotive chip market, 2014 - 2025

7.5.2 RoW automotive chip market, by vehicle type, 2014 - 2025

7.5.3 RoW automotive chip market, by component type, 2014 - 2025

7.5.4 RoW automotive chip market, by application type, 2014 - 2025

CHAPTER 8 COMPETITIVE LANDSCAPE

8.1 Microchip Technology Incorporated

8.1.1 Company overview

8.1.2 Financial performance

8.1.3 Product benchmarking

8.1.4 Recent developments

8.2 Texas Instruments Incorporated

8.2.1 Company overview

8.2.2 Financial performance

8.2.3 Product benchmarking

8.2.4 Recent developments

8.3 Robert Bosch GmbH

8.3.1 Company overview

8.3.2 Financial performance

8.3.3 Product benchmarking

8.3.4 Recent developments

8.4 NXP Semiconductors

8.4.1 Company overview

8.4.2 Financial performance

8.4.3 Product benchmarking

8.4.4 Recent developments

8.5 Infineon Technologies AG

8.5.1 Company overview

8.5.2 Financial performance

8.5.3 Product benchmarking

- 8.5.4 Recent developments
- 8.6 Micron Technology, Inc.
 - 8.6.1 Company overview
 - 8.6.2 Financial performance
 - 8.6.3 Product benchmarking
 - 8.6.4 Recent developments
- 8.7 NVIDIA CORPORATION
 - 8.7.1 Company overview
 - 8.7.2 Financial performance
 - 8.7.3 Product benchmarking
 - 8.7.4 Recent developments
- 8.8 Maxim Integrated Products, Inc.
 - 8.8.1 Company overview
 - 8.8.2 Financial performance
 - 8.8.3 Product benchmarking
 - 8.8.4 Recent Developments
- 8.9 Renesas Electronics Corporation
 - 8.9.1 Company overview
 - 8.9.2 Financial performance
 - 8.9.3 Product benchmarking
- 8.10 STMicroelectronics N.V.
 - 8.10.1 Company overview
 - 8.10.2 Financial performance
 - 8.10.3 Product benchmarking

CHAPTER 9 ADDITIONAL COMPANIES

- 9.1 List of Additional Companies

List Of Tables

LIST OF TABLES

TABLE 1 Automotive chip market - Industry snapshot & key buying criteria, 2014 - 2025
TABLE 2 Automotive chip market, 2014 - 2025 (USD Million)
TABLE 3 Automotive chip market, by region, 2014 - 2025 (USD Million)
TABLE 4 Automotive chip market, by application type, 2014 - 2025 (USD Million)
TABLE 5 Automotive chip market, by component type, 2014 - 2025 (USD Million)
TABLE 6 Automotive chip market, by vehicle type, 2014 - 2025 (USD Million)
TABLE 7 Automotive chip market - Key market driver impact
TABLE 8 Automotive chip market - Key market restraint impact
TABLE 9 Automotive chip market for logic ICs, 2014 - 2025 (USD Million)
TABLE 10 Automotive chip market for logic ICs, by region, 2014 - 2025 (USD Million)
TABLE 11 Automotive chip market for analog ICs, 2014 - 2025 (USD Million)
TABLE 12 Automotive chip market for analog ICs, by region, 2014 - 2025 (USD Million)
TABLE 13 Automotive chip market for microcontrollers & microprocessors, 2014 - 2025 (USD Million)
TABLE 14 Automotive chip market for microcontrollers & microprocessors, by region, 2014 - 2025 (USD Million)
TABLE 15 Automotive chip market for memory, 2014 - 2025 (USD Million)
TABLE 16 Automotive chip market for memory, by region, 2014 - 2025 (USD Million)
TABLE 17 Automotive chip market for chassis, 2014 - 2025 (USD Million)
TABLE 18 Automotive chip market for chassis, by region, 2014 - 2025 (USD Million)
TABLE 19 Automotive chip market for powertrain, 2014 - 2025 (USD Million)
TABLE 20 Automotive chip market for powertrain, by region, 2014 - 2025 (USD Million)
TABLE 21 Automotive chip market for safety, 2014 - 2025 (USD Million)
TABLE 22 Automotive chip market for safety, by region, 2014 - 2025 (USD Million)
TABLE 23 Automotive chip market for telematics & infotainment, 2014 - 2025 (USD Million)
TABLE 24 Automotive chip market for telematics & infotainment, by region, 2014 - 2025 (USD Million)
TABLE 25 Automotive chip market for body electronics, 2014 - 2025 (USD Million)
TABLE 26 Automotive chip market for body electronics, by region, 2014 - 2025 (USD Million)
TABLE 27 Automotive chip market for passenger vehicles, 2014 - 2025 (USD Million)
TABLE 28 Automotive chip market for passenger vehicles, by region, 2014 - 2025 (USD Million)
TABLE 29 Automotive chip market for commercial vehicles, 2014 - 2025 (USD Million)

TABLE 30 Automotive chip market, by region, 2014 - 2025 (USD Million)

TABLE 31 North America automotive chip market, 2014 - 2025 (USD Million)

TABLE 32 North America automotive chip market, by vehicle type, 2014 - 2025 (USD Million)

TABLE 33 North America automotive chip market, by component type, 2014 - 2025 (USD Million)

TABLE 34 North America automotive chip market, by application type, 2014 - 2025 (USD Million)

TABLE 35 U.S automotive chip market, 2014 - 2025 (USD Million)

TABLE 36 U.S automotive chip market, by vehicle type, 2014 - 2025 (USD Million)

TABLE 37 U.S. automotive chip market, by component type, 2014 - 2025 (USD Million)

TABLE 38 U.S. automotive chip market, by application type, 2014 - 2025 (USD Million)

TABLE 39 Canada automotive chip market, 2014 - 2025 (USD Million)

TABLE 40 Canada automotive chip market, by vehicle type, 2014 - 2025 (USD Million)

TABLE 41 Canada automotive chip market, by component type, 2014 - 2025 (USD Million)

TABLE 42 Canada automotive chip market, by application type, 2014 - 2025 (USD Million)

TABLE 43 Mexico automotive chip, 2014 - 2025 (USD Million)

TABLE 44 Mexico automotive chip market, by vehicle type, 2014 - 2025 (USD Million)

TABLE 45 Mexico automotive chip market, by component type, 2014 - 2025 (USD Million)

TABLE 46 Mexico automotive chip market, by application type, 2014 - 2025 (USD Million)

TABLE 47 Europe automotive chip market, 2014 - 2025 (USD Million)

TABLE 48 Europe automotive chip market, by vehicle type, 2014 - 2025 (USD Million)

TABLE 49 Europe automotive chip market, by component type, 2014 - 2025 (USD Million)

TABLE 50 Europe automotive chip market, by application type, 2014 - 2025 (USD Million)

TABLE 51 U.K. automotive chip market, 2014 - 2025 (USD Million)

TABLE 52 U.K. automotive chip market, by vehicle type, 2014 - 2025 (USD Million)

TABLE 53 U.K. automotive chip market, by component type, 2014 - 2025 (USD Million)

TABLE 54 U.K. automotive chip market, by application type, 2014 - 2025 (USD Million)

TABLE 55 Germany automotive chip market, 2014 - 2025 (USD Million)

TABLE 56 Germany automotive chip market, by vehicle type, 2014 - 2025 (USD Million)

TABLE 57 Germany automotive chip market, by component type, 2014 - 2025 (USD Million)

TABLE 58 Germany automotive chip market, by application type, 2014 - 2025 (USD Million)

Million)

TABLE 59 Asia Pacific automotive chip market, 2014 - 2025 (USD Million)

TABLE 60 Asia Pacific automotive chip market, by vehicle type, 2014 - 2025 (USD Million)

TABLE 61 Asia Pacific automotive chip market, by component type, 2014 - 2025 (USD Million)

TABLE 62 Asia Pacific automotive chip market, by application type, 2014 - 2025 (USD Million)

TABLE 63 China automotive chip market, 2014 - 2025 (USD Million)

TABLE 64 China automotive chip market, by vehicle type, 2014 - 2025 (USD Million)

TABLE 65 China automotive chip market, by component type, 2014 - 2025 (USD Million)

TABLE 66 China automotive chip market, by application type, 2014 - 2025 (USD Million)

TABLE 67 India automotive chip market, 2014 - 2025 (USD Million)

TABLE 68 India automotive chip market, by vehicle type, 2014 - 2025 (USD Million)

TABLE 69 India automotive chip market, by component type, 2014 - 2025 (USD Million)

TABLE 70 India automotive chip market, by application type, 2014 - 2025 (USD Million)

TABLE 71 Japan automotive chip market, 2014 - 2025 (USD Million)

TABLE 72 Japan automotive chip market, by vehicle type, 2014 - 2025 (USD Million)

TABLE 73 Japan automotive chip market, by component type, 2014 - 2025 (USD Million)

TABLE 74 Japan automotive chip market, by application type, 2014 - 2025 (USD Million)

TABLE 75 RoW automotive chip market, 2014 - 2025 (USD Million)

TABLE 76 RoW automotive chip market, by vehicle type, 2014 - 2025 (USD Million)

TABLE 77 RoW automotive chip market, by component type, 2014 - 2025 (USD Million)

TABLE 78 RoW automotive chip market, by application type, 2014 - 2025 (USD Million)

List Of Figures

LIST OF FIGURES

- FIG. 1 Market segmentation and scope
- FIG. 2 Automotive chip market, 2014 - 2025 (USD Million)
- FIG. 3 Automotive chip market - Value chain analysis
- FIG. 4 Automotive chip penetration & growth prospects mapping
- FIG. 5 Market ranking analysis, 2016
- FIG. 6 Automotive chip market - Porter's five forces analysis
- FIG. 7 Automotive chip market - PEST analysis
- FIG. 8 Automotive chip market, by component type, 2016 & 2025
- FIG. 9 Automotive chip market, by application type, 2016 & 2025
- FIG. 10 Automotive chip market, by vehicle type, 2016 & 2025
- FIG. 11 Automotive chip market, by region, 2016 & 2025
- FIG. 12 North America automotive chip market - Key takeaways
- FIG. 13 Europe automotive chip market - Key takeaways
- FIG. 14 Asia Pacific automotive chip market - Key takeaways
- FIG. 15 RoW automotive chip market - Key takeaways

I would like to order

Product name: Automotive Chip Market Size, Share & Trends Analysis Report By Component Type (Analog ICs, Logic ICs, Microcontroller, Memory), By Application Type, By Vehicle Type (Passenger, Commercial), And Segment Forecasts, 2018 - 2025

Product link: <https://marketpublishers.com/r/AC2FFF4F68CEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AC2FFF4F68CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970