

Global C-V2X Chipsets Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/G1E6C4B5B971EN.html>

Date: December 2024

Pages: 129

Price: US\$ 2,800.00 (Single User License)

ID: G1E6C4B5B971EN

Abstracts

Report Overview

C-V2X (Cellular Vehicle-to-Everything) chipsets play a pivotal role in enabling vehicles to communicate with each other and with surrounding infrastructure. These chipsets are designed to enhance road safety, traffic efficiency, and overall driving experience. The market for C-V2X chipsets is positioned at the intersection of automotive and telecommunications industries, offering a promising outlook for the future.

In 2023, the global market size for C-V2X chipsets reached USD 120 million. Looking ahead, the market is projected to grow at a Compound Annual Growth Rate (CAGR) of 25.50% from 2024 to 2032. This growth trajectory is underpinned by several key drivers and market forces.

One of the primary growth drivers for C-V2X chipsets is the increasing emphasis on connected and autonomous vehicles. As automotive manufacturers continue to integrate advanced technologies into their vehicles, the demand for C-V2X chipsets is expected to rise significantly. Additionally, regulatory initiatives mandating the deployment of V2X communication systems in vehicles are further propelling market growth.

Moreover, the growing focus on road safety and the need for efficient traffic management are driving the adoption of C-V2X chipsets. These chipsets enable vehicles to communicate critical information such as collision warnings, traffic conditions, and road hazards in real-time, thereby reducing accidents and improving overall traffic flow.

In terms of market trends, one notable development is the integration of 5G technology into C-V2X chipsets. This integration enhances the reliability and responsiveness of V2X communication, paving the way for more advanced applications such as cooperative driving and intersection management. Furthermore, the rise of electric vehicles and smart infrastructure is creating opportunities for C-V2X chipsets to support eco-friendly transportation solutions and smart city initiatives.

Regionally, leading markets for C-V2X chipsets include North America, Europe, and Asia Pacific. These regions exhibit strong demand due to their advanced automotive industries, supportive regulatory frameworks, and investments in smart transportation infrastructure. North America, in particular, stands out due to the presence of key automotive OEMs and tech companies driving innovation in connected vehicle technologies.

In North America, the dominance of C-V2X chipsets is fueled by initiatives such as the USDOT's Connected Vehicle Pilot Deployment Program and collaborations between automakers and telecom providers to test V2X technologies. In Europe, regulatory mandates such as the EU's Intelligent Transport Systems Directive are driving the adoption of C-V2X chipsets. Meanwhile, in Asia Pacific, countries like China are investing heavily in smart city projects that rely on V2X communication for efficient traffic management.

Despite the promising growth prospects, the market for C-V2X chipsets faces challenges such as interoperability issues, cybersecurity concerns, and the need for standardized communication protocols. Addressing these challenges will be crucial for unlocking the full potential of C-V2X technology and ensuring seamless integration into future automotive ecosystems.

This report provides a deep insight into the global C-V2X Chipsets market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global C-V2X Chipsets Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps

the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the C-V2X Chipsets market in any manner.

Global C-V2X Chipsets Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Autotalks

Hisilicon-Huawei

Morningcore

Qualcomm

Market Segmentation (by Type)

LTE-V2X mobile

network

communications

LTE-V2X direct

communications

(PC5)

5G-V2X mobile

network

communications

(Uu)

by Application

Market Segmentation (by Application)

Intelligent Driving

Intelligent Transportation

Communications and Entertainment

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the C-V2X Chipsets Market

Overview of the regional outlook of the C-V2X Chipsets Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major

players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the C-V2X Chipsets Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of C-V2X Chipsets

1.2 Key Market Segments

1.2.1 C-V2X Chipsets Segment by Type

1.2.2 C-V2X Chipsets Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 C-V2X CHIPSETS MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global C-V2X Chipsets Market Size (M USD) Estimates and Forecasts (2019-2032)

2.1.2 Global C-V2X Chipsets Sales Estimates and Forecasts (2019-2032)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

2.4 Macroeconomic Analysis

3 C-V2X CHIPSETS MARKET COMPETITIVE LANDSCAPE

3.1 Global C-V2X Chipsets Sales by Manufacturers (2019-2024)

3.2 Global C-V2X Chipsets Revenue Market Share by Manufacturers (2019-2024)

3.3 C-V2X Chipsets Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global C-V2X Chipsets Average Price by Manufacturers (2019-2024)

3.5 Manufacturers C-V2X Chipsets Sales Sites, Area Served, Product Type

3.6 C-V2X Chipsets Market Competitive Situation and Trends

3.6.1 C-V2X Chipsets Market Concentration Rate

3.6.2 Global 5 and 10 Largest C-V2X Chipsets Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 C-V2X CHIPSETS INDUSTRY CHAIN ANALYSIS

- 4.1 C-V2X Chipsets Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF C-V2X CHIPSETS MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
 - 5.5.1 New Product Developments
 - 5.5.2 Mergers & Acquisitions
 - 5.5.3 Expansions
 - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

6 C-V2X CHIPSETS MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global C-V2X Chipsets Sales Market Share by Type (2019-2024)
- 6.3 Global C-V2X Chipsets Market Size Market Share by Type (2019-2024)
- 6.4 Global C-V2X Chipsets Price by Type (2019-2024)

7 C-V2X CHIPSETS MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global C-V2X Chipsets Market Sales by Application (2019-2024)
- 7.3 Global C-V2X Chipsets Market Size (M USD) by Application (2019-2024)
- 7.4 Global C-V2X Chipsets Sales Growth Rate by Application (2019-2024)

8 C-V2X CHIPSETS MARKET SALES BY REGION

- 8.1 Global C-V2X Chipsets Sales by Region
 - 8.1.1 Global C-V2X Chipsets Sales by Region
 - 8.1.2 Global C-V2X Chipsets Sales Market Share by Region
- 8.2 Global C-V2X Chipsets Market Size by Region
 - 8.2.1 Global C-V2X Chipsets Market Size by Region

8.2.2 Global C-V2X Chipsets Market Size Market Share by Region

8.3 North America

8.3.1 North America C-V2X Chipsets Sales by Country

8.3.2 North America C-V2X Chipsets Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe C-V2X Chipsets Sales by Country

8.4.2 Europe C-V2X Chipsets Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Russia Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific C-V2X Chipsets Sales by Region

8.5.2 China

8.5.3 Japan

8.5.4 South Korea

8.5.5 India

8.5.6 Southeast Asia

8.6 Asia Pacific

8.6.1 Asia Pacific C-V2X Chipsets Market Size by Region

8.6.2 Asia Pacific C-V2X Chipsets Market Size by Region

8.6.3 China

8.6.4 Japan

8.6.5 South Korea

8.6.6 India

8.6.7 Southeast Asia

8.7 South America

8.7.1 South America C-V2X Chipsets Sales by Country

8.7.2 South America C-V2X Chipsets Market Size by Country

8.7.3 Brazil

8.7.4 Argentina

8.7.5 Columbia

8.8 Middle East and Africa

8.8.1 Middle East and Africa C-V2X Chipsets Sales by Region

8.8.2 Middle East and Africa C-V2X Chipsets Market Size by Region

8.8.3 Saudi Arabia

8.8.4 UAE

8.8.5 Egypt

8.8.6 Nigeria

8.8.7 South Africa

9 C-V2X CHIPSETS MARKET PRODUCTION BY REGION

9.1 Global Production of C-V2X Chipsets by Region (2019-2024)

9.2 Global C-V2X Chipsets Revenue Market Share by Region (2019-2024)

9.3 Global C-V2X Chipsets Production, Revenue, Price and Gross Margin (2019-2024)

9.4 North America C-V2X Chipsets Production

9.4.1 North America C-V2X Chipsets Production Growth Rate (2019-2024)

9.4.2 North America C-V2X Chipsets Production, Revenue, Price and Gross Margin (2019-2024)

9.5 Europe C-V2X Chipsets Production

9.5.1 Europe C-V2X Chipsets Production Growth Rate (2019-2024)

9.5.2 Europe C-V2X Chipsets Production, Revenue, Price and Gross Margin (2019-2024)

9.6 Japan C-V2X Chipsets Production (2019-2024)

9.6.1 Japan C-V2X Chipsets Production Growth Rate (2019-2024)

9.6.2 Japan C-V2X Chipsets Production, Revenue, Price and Gross Margin (2019-2024)

9.7 China C-V2X Chipsets Production (2019-2024)

9.7.1 China C-V2X Chipsets Production Growth Rate (2019-2024)

9.7.2 China C-V2X Chipsets Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

10.1 Autotalks

10.1.1 Autotalks C-V2X Chipsets Basic Information

10.1.2 Autotalks C-V2X Chipsets Product Overview

10.1.3 Autotalks C-V2X Chipsets Product Market Performance

10.1.4 Autotalks Business Overview

10.1.5 Autotalks C-V2X Chipsets SWOT Analysis

10.1.6 Autotalks Recent Developments

10.2 Hisilicon-Huawei

10.2.1 Hisilicon-Huawei C-V2X Chipsets Basic Information

- 10.2.2 Hisilicon-Huawei C-V2X Chipsets Product Overview
- 10.2.3 Hisilicon-Huawei C-V2X Chipsets Product Market Performance
- 10.2.4 Hisilicon-Huawei Business Overview
- 10.2.5 Hisilicon-Huawei C-V2X Chipsets SWOT Analysis
- 10.2.6 Hisilicon-Huawei Recent Developments
- 10.3 Morningcore
 - 10.3.1 Morningcore C-V2X Chipsets Basic Information
 - 10.3.2 Morningcore C-V2X Chipsets Product Overview
 - 10.3.3 Morningcore C-V2X Chipsets Product Market Performance
 - 10.3.4 Morningcore C-V2X Chipsets SWOT Analysis
 - 10.3.5 Morningcore Business Overview
 - 10.3.6 Morningcore Recent Developments
- 10.4 Qualcomm
 - 10.4.1 Qualcomm C-V2X Chipsets Basic Information
 - 10.4.2 Qualcomm C-V2X Chipsets Product Overview
 - 10.4.3 Qualcomm C-V2X Chipsets Product Market Performance
 - 10.4.4 Qualcomm Business Overview
 - 10.4.5 Qualcomm Recent Developments

11 C-V2X CHIPSETS MARKET FORECAST BY REGION

- 11.1 Global C-V2X Chipsets Market Size Forecast
- 11.2 Global C-V2X Chipsets Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe C-V2X Chipsets Market Size Forecast by Country
 - 11.2.3 Asia Pacific C-V2X Chipsets Market Size Forecast by Region
 - 11.2.4 South America C-V2X Chipsets Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Sales of C-V2X Chipsets by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

- 12.1 Global C-V2X Chipsets Market Forecast by Type (2025-2032)
 - 12.1.1 Global Forecasted Sales of C-V2X Chipsets by Type (2025-2032)
 - 12.1.2 Global C-V2X Chipsets Market Size Forecast by Type (2025-2032)
 - 12.1.3 Global Forecasted Price of C-V2X Chipsets by Type (2025-2032)
- 12.2 Global C-V2X Chipsets Market Forecast by Application (2025-2032)
 - 12.2.1 Global C-V2X Chipsets Sales (K Units) Forecast by Application
 - 12.2.2 Global C-V2X Chipsets Market Size (M USD) Forecast by Application (2025-2032)

13 CONCLUSION AND KEY FINDINGS

I would like to order

Product name: Global C-V2X Chipsets Market Research Report 2024(Status and Outlook)

Product link: <https://marketpublishers.com/r/G1E6C4B5B971EN.html>

Price: US\$ 2,800.00 (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/G1E6C4B5B971EN.html>