

# Global 5G Chipset Market

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## Abstracts

### Report Scope:

In this report, the 5G chipset market was segmented by component, industry and geography. The report provides an overview of the global 5G chipset market and analyzes market trends. Using 2022 as the base year, the report provides estimated market data for the forecast period 2023 through 2028.

Revenue forecasts for this period are segmented into -

Deployment type: network infrastructure, smart gadgets, smartphones, routers/modems and others.

Wafer material type: GaN (gallium nitride)-based chipsets, GaAs (gallium arsenide)-based chipsets, InP (indium phosphide)-based chipsets, SiN (silicon nitride)-based chipsets, Si-based chipsets and others.

IC type: RFIC, ASIC, cellular IC and mmWave IC.

End use: telecom infrastructure, automotive, building automation, industrial automation, retail, Energy and utilities, consumer electronics and others.

Region: North America is segmented into the U.S., Canada and Mexico; Europe is segmented into the U.K., France, Germany and Rest of Europe; the UK is further segmented into England, Wales, Scotland and Northern Ireland; Asia-Pacific (APAC) is segmented into China, Japan, India and the Rest of Asia-Pacific; Rest of the World is segmented into Middle East, Africa and Latin America.

COVID-19 had a massive impact on society beginning in 2020. This report considers the impact of COVID-19 and the economic slowdown it created. With people relying more on technology, the demand for 5G chipset will increase and boost market growth. The report also focuses on the main trends and challenges that affect the market and the vendor landscape.

This report has been prepared in a simple easy-to-understand format, with a number of tables and charts/figures. The scope of the report includes a detailed study of global and regional markets for 5G chipset, with reasons given for variations in the growth of the industry in certain regions. The report examines each component of 5G chipset technology, determines its current market size and estimates its future market. The report also analyzes the market from the manufacturers' viewpoint, as well as that of the final consumer. A number of technical issues arising out of the use of 5G chipset technologies are discussed and solutions are indicated.

#### Report Includes:

46 data tables and 20 additional tables

An overview and up-to-date analysis of the global markets for the 5G chipset technologies

Analyses of the global market trends, with historic market revenue data (sales figures) for 2022, estimates for 2023, forecasts for 2024, and projections of compound annual growth rates (CAGRs) through 2028

Discussion of the major growth drivers, industry-specific challenges, technology updates, and government policies and regulations for manufacturing of 5G semiconductor chipsets, that will shape the market as a basis for projecting demand in the next few years (2023-2028)

Estimation of the actual market size and revenue forecast for the global 5G chipset market, and corresponding market share analysis based on the type of deployment type, wafer material, integrated circuit (IC) type, end use, and region

Identification of viable technology drivers through a holistic review of various platform technologies, major types of end user markets, and adoption of 5G chipsets across a broad spectrum of industry verticals

Review of the major industry trends, upcoming technologies and emerging new developments in the global 5G chipset industry

A relevant patent analysis on the global supply chain management technologies, applications and solutions and review of recent key granted patents

Insight into the recent industry structure, competitive aspects of each product segment, increasing investment on R&D activities, market development strategies, and company value share analysis

Identification of the major stakeholders and analysis of the competitive landscape based on recent developments and segmental revenues

Company profiles of major players within the industry, including Broadcom Inc., Huawei Technologies Co. Ltd., Intel Corp., Qualcomm Technologies Inc., and Samsung Electronics Co. Ltd.<sup>7</sup>

## Contents

### **CHAPTER 1 INTRODUCTION**

Study Goals and Objectives  
Reasons for Doing the Study  
What's New in This Update?  
Scope of Report  
Research Methodology  
Intended Audience  
Information Sources  
Geographic Breakdown  
Analyst's Credentials  
BCC Custom Research  
Related BCC Research Reports

### **CHAPTER 2 SUMMARY AND HIGHLIGHTS**

Market Summary  
Market Highlights

### **CHAPTER 3 MARKET OVERVIEW**

Introduction  
Future Expectations  
Overview of 5G Developments  
COVID-19 Impact on the Market  
Value Chain Analysis  
Chipset Components  
Chipset Design and Manufacture  
Product Shipping  
Service Enablement  
Product-Based Owners  
Distributors  
End Users  
Porter's Five Forces Analysis

### **CHAPTER 4 MARKET DYNAMICS**

Introduction

Market Drivers

Upsurge in Demand for High-Speed Internet and Broad Network Coverage

Increasing Popularity of Self-driving Cars

Growing Demand for the Internet of Things and Machine-to-Machine Communications

Increasing Application of 5G in Artificial Intelligence

Market Restraints

Complex Technological Limitations and High Investment Cost

Uncertainties Over 5G Enabled Applications

Need for Skilled Expertise

Market Opportunities

Rising Demand for 5G Chips in Industrial Application

Integration of 5G Services with Satellite Communication

Lucrative Opportunities for Operators and Investors

Huge Untapped Opportunity in the Developing Countries

## **CHAPTER 5 MARKET BREAKDOWN BY DEPLOYMENT TYPE**

Overview

Network Infrastructure

Smart Gadgets

Smartphones

Routers/Modems

Other Devices

## **CHAPTER 6 MARKET BREAKDOWN BY WAFER MATERIAL TYPE**

Overview

GaAs (Gallium Arsenide)-based Chipsets

InP (Indium Phosphide)-based Chipsets

SiN (Silicon Nitride)-based Chipsets

Si (Silicon)-based Chipsets

GaN (Gallium Nitride)-based Chipsets

## **CHAPTER 7 MARKET BREAKDOWN BY IC TYPE**

Overview

RFIC

ASIC

Cellular IC  
mmWave IC

## **CHAPTER 8 MARKET BREAKDOWN BY END USE**

Overview  
Telecom Infrastructure  
Automotive  
Building Automation  
Industrial Automation  
Retail  
Energy and Utilities  
Consumer Electronics  
Others

## **CHAPTER 9 MARKET BREAKDOWN BY REGION**

Overview  
North America  
Europe  
Asia-Pacific  
Rest of the World (RoW)

## **CHAPTER 10 EMERGING TECHNOLOGIES AND DEVELOPMENTS**

Overview  
Emerging Technologies/Key Trends in 5G Chipset Industry  
Artificial Intelligence of Things (AIoT)  
Enhanced Mobile Broadband (eMBB)  
Message Queuing Telemetry Transport (MQTT)  
Augmented Reality (AR) and Virtual Reality (VR) Applications  
Emerging Developments  
In-house Chip Design  
mmWave Technology Advancements  
Integration of Artificial Intelligence (AI) and Machine Learning (ML)

## **CHAPTER 11 PATENT REVIEW AND NEW DEVELOPMENTS**

Overview

## **CHAPTER 12 VENTURE FUNDING OUTLOOK**

Venture Funding

## **CHAPTER 13 COMPETITIVE LANDSCAPE**

Introduction

Market Share Analysis

Strategic Analysis

## **CHAPTER 14 COMPANY PROFILES**

ADVANCED MICRO DEVICES INC.

ANALOG DEVICES INC.

BROADCOM INC.

HEWLETT PACKARD ENTERPRISE CO.

HUAWEI TECHNOLOGIES CO. LTD.

INFINEON TECHNOLOGIES AG

INTEL CORP.

MEDIATEK INC.

NOKIA CORP.

NXP SEMICONDUCTORS N.V.

QORVO INC.

QUALCOMM TECHNOLOGIES INC.

RENESAS ELECTRONICS CORP.

SAMSUNG ELECTRONICS CO. LTD.

STMICROELECTRONICS N.V.

TEXAS INSTRUMENTS INC.

TELEFONAKTIEBOLAGET LM ERICSSON (ERICSSON)

U-BLOX HOLDING AG

ZTE CORP.

## List Of Tables

### LIST OF TABLES

Summary Table: Global Market for 5G Chipsets, by Region, Through 2028

Table 1: 5G Rollout and 5G Spectrum, International Markets

Table 2: Global Market for 5G Chipsets, by Deployment Type, Through 2028

Table 3: Comparison of Top 5G Mobile Chipsets

Table 4: Global Market for 5G Chipsets, by Wafer Material Type, Through 2028

Table 5: Global Market for 5G Chipsets, by IC Type, Through 2028

Table 6: Global Market for 5G Chipsets, by End Use, Through 2028

Table 7: Global Market for 5G Chipsets, by Region, Through 2028

Table 8: North American Market for 5G Chipsets, by Country, Through 2028

Table 9: North American Market for 5G Chipsets, by Deployment Type, Through 2028

Table 10: North American Market for 5G Chipsets, by Wafer Material Type, Through 2028

Table 11: North American Market for 5G Chipsets, by IC Type, Through 2028

Table 12: North American Market for 5G Chipsets, by End Use, Through 2028

Table 13: European Market for 5G Chipsets, by Country, Through 2028

Table 14: European Market for 5G Chipsets, by Deployment Type, Through 2028

Table 15: European Market for 5G Chipsets, by Wafer Material Type, Through 2028

Table 16: European Market for 5G Chipsets, by IC Type, Through 2028

Table 17: European Market for 5G Chipsets, by End Use, Through 2028

Table 18: Asia-Pacific Market for 5G Chipsets, by Country, Through 2028

Table 19: Asia-Pacific Market for 5G Chipsets, by Deployment Type, Through 2028

Table 20: Asia-Pacific Market for 5G Chipsets, by Wafer Material Type, Through 2028

Table 21: Asia-Pacific Market for 5G Chipsets, by IC Type, Through 2028

Table 22: Asia-Pacific Market for 5G Chipsets, by End Use, Through 2028

Table 23: Ongoing Ambitious 5G Projects in the City Neighborhoods of GCC States, May 2021

Table 24: RoW Market for 5G Chipsets, by Subregion, Through 2028

Table 25: RoW Market for 5G Chipsets, by Deployment Type, Through 2028

Table 26: RoW Market for 5G Chipsets, by Wafer Material Type, Through 2028

Table 27: RoW Market for 5G Chipsets, by IC Type, Through 2028

Table 28: RoW Market for 5G Chipsets, by End Use, Through 2028

Table 29: 5G Technology Patents Granted, by Company and Publication Year, 2020-2023

Table 30: Venture Funding, Jan. 2020-April 2023

Table 31: Product Launches and Product Developments, Jan. 2020-May 2023



Table 32: Collaborations, Agreements and Partnerships, Feb. 2020-May 2023

Table 33: Acquisitions and Expansions, Jan. 2021-Feb. 2023

Table 34: Advanced Micro Devices Inc.: Annual Revenue, 2020-2022

Table 35: Advanced Micro Devices Inc.: Recent Developments, 2022 and 2023

Table 36: Analog Devices Inc.: Net Revenue, 2020-2022

Table 37: Analog Devices Inc.: Recent Developments, 2020–2022

Table 38: Broadcom Inc.: Annual Revenue, 2020-2022

Table 39: Hewlett Packard Enterprise Co.: Annual Revenue, 2020-2022

Table 40: Hewlett Packard Enterprise Co.: Recent Developments, 2023

Table 41: Huawei Technologies Co. Ltd.: Annual Revenue, 2020-2022

Table 42: Infineon Technologies AG: Annual Revenue, 2020-2022

Table 43: Infineon Technologies AG: Recent Developments, 2020

Table 44: Intel Corp.: Annual Revenue, 2020-2022

Table 45: MediaTek Inc.: Annual Revenue, 2020-2022

Table 46: MediaTek Inc.: Recent Developments, 2020-2023

Table 47: Nokia Corp.: Net Revenue, 2020-2022

Table 48: Nokia Corp.: Recent Developments, 2020-2023

Table 49: NXP Semiconductors N.V.: Net Revenue, 2020-2022

Table 50: NXP Semiconductors N.V.: Recent Developments, 2020-2023

Table 51: Qorvo Inc.: Net Revenue, 2020-2022

Table 52: Qorvo Inc.: Recent Developments, 2022

Table 53: Qualcomm Technologies Inc.: Annual Revenue, 2020-2022

Table 54: Qualcomm Technologies Inc.: Recent Developments, 2021-2023

Table 55: Renesas Electronics Corp.: Annual Revenue, 2020-2022

Table 56: Renesas Electronics Corp.: Recent Developments, 2021 and 2022

Table 57: Samsung Electronics Co. Ltd.: Annual Revenue, 2020-2022

Table 58: Samsung Electronics Co. Ltd.: Recent Developments, 2021

Table 59: STMicroelectronics N.V.: Annual Revenue, 2020-2022

Table 60: STMicroelectronics N.V.: Recent Developments, 2022

Table 61: Texas Instruments Inc.: Annual Revenue, 2020-2022

Table 62: Telefonaktiebolaget LM Ericsson (Ericsson): Net Revenue, 2020-2022

Table 63: u-blox Holding AG: Net Revenue, 2020-2022

Table 64: ZTE Corp.: Net Revenue, 2020-2022

Table 65: ZTE Corp.: Recent Developments, 2023

## List Of Figures

### LIST OF FIGURES

Summary Figure: Global Market Shares of 5G Chipsets, by Region, 2022

Figure 1: Value Chain for 5G Chipset

Figure 2: Porter's Five Force Analysis

Figure 3: 5G Chipset Market Dynamics

Figure 4: Global Market Shares of 5G Chipsets, by Deployment Type, 2022

Figure 5: Global Market Shares of 5G Chipsets, by Wafer Material Type, 2022

Figure 6: Global Market Shares of 5G Chipsets, by IC Type, 2022

Figure 7: Global Market Shares of 5G Chipsets, by End Use, 2022

Figure 8: Global Market Shares of 5G Chipsets, by Region, 2022

Figure 9: North American Market Shares of 5G Chipsets, by Country, 2022

Figure 10: North American Market Shares of 5G Chipsets, by Deployment Type, 2022

Figure 11: North American Market Shares of 5G Chipsets, by Wafer Material Type, 2022

Figure 12: North American Market Shares of 5G Chipsets, by IC Type, 2022

Figure 13: North American Market Shares of 5G Chipsets, by End Use, 2022

Figure 14: European Market Shares of 5G Chipsets, by Country, 2022

Figure 15: European Market Shares of 5G Chipsets, by Deployment Type, 2022

Figure 16: European Market Shares of 5G Chipsets, by Wafer Material Type, 2022

Figure 17: European Market Shares of 5G Chipsets, by IC Type, 2022

Figure 18: European Market Shares of 5G Chipsets, by End Use, 2022

Figure 19: Asia-Pacific Market Shares of 5G Chipsets, by Country, 2022

Figure 20: Asia-Pacific Market Shares of 5G Chipsets, by Deployment Type, 2022

Figure 21: Asia-Pacific Market Shares of 5G Chipsets, by Wafer Material Type, 2022

Figure 22: Asia-Pacific Market Shares of 5G Chipsets, by IC Type, 2022

Figure 23: Asia-Pacific Market Shares of 5G Chipsets, by End Use, 2022

Figure 24: RoW Market Shares of 5G Chipsets, by Subregion, 2022

Figure 25: RoW Market Shares of 5G Chipsets, by Deployment Type, 2022

Figure 26: RoW Market Shares of 5G Chipsets, by Wafer Material Type, 2022

Figure 27: RoW Market Shares of 5G Chipsets, by IC Type, 2022

Figure 28: RoW Market Shares of 5G Chipsets, by End Use, 2022

Figure 29: 5G Chipset Patents Published and Granted, by Year, 2020-2023

Figure 30: Venture Funding in 5G Chipset Industry, by Year, 2020-2023

Figure 31: Distribution Share of Venture Funding in 5G Chipset Industry, by Country, 2020-2023

Figure 32: Global Market Shares of 5G Chipsets, by Top Players, 2022

- Figure 33: Share of Key Strategies Adopted in Global 5G Chipset Market, 2020-2023
- Figure 34: Advanced Micro Devices Inc.: Sales Share, by Business Segment, 2022
- Figure 35: Advanced Micro Devices Inc.: Sales Share, by Region, 2022
- Figure 36: Analog Devices Inc.: Sales Share, by Business Segment, 2022
- Figure 37: Analog Devices Inc.: Sales Share, by Region, 2022
- Figure 38: Broadcom Inc.: Sales Share, by Business Segment, 2022
- Figure 39: Broadcom Inc.: Sales Share, by Region, 2022
- Figure 40: Hewlett Packard Enterprise Co.: Sales Share, by Business Segment, 2022
- Figure 41: Hewlett Packard Enterprise Co.: Sales Share, by Region, 2022
- Figure 42: Huawei Technologies Co. Ltd.: Sales Share, by Business Segment, 2022
- Figure 43: Huawei Technologies Co. Ltd.: Sales Share, by Region, 2022
- Figure 44: Infineon Technologies AG: Sales Share, by Business Segment, 2022
- Figure 45: Infineon Technologies AG: Sales Share, by Region, 2022
- Figure 46: Intel Corp.: Sales Share, by Business Segment, 2022
- Figure 47: Intel Corp.: Sales Share, by Region, 2022
- Figure 48: Nokia Corp.: Sales Share, by Business Segment, 2022
- Figure 49: Nokia Corp.: Sales Share, by Region, 2022
- Figure 50: NXP Semiconductors N.V.: Sales Share, by Business Segment, 2021
- Figure 51: NXP Semiconductors N.V.: Sales Share, by Region, 2022
- Figure 52: Qorvo Inc.: Sales Share, by Business Segment, 2022
- Figure 53: Qorvo Inc.: Sales Share, by Region, 2022
- Figure 54: Qualcomm Technologies Inc.: Sales Share, by Business Segment, 2022
- Figure 55: Qualcomm Technologies Inc.: Sales Share, by Region, 2022
- Figure 56: Renesas Electronics Corp.: Sales Share, by Business Segment, 2022
- Figure 57: Renesas Electronics Corp.: Sales Share, by Region, 2022
- Figure 58: Samsung Electronics Co. Ltd.: Sales Share, by Business Segment, 2022
- Figure 59: Samsung Electronics Co. Ltd.: Sales Share, by Region, 2022
- Figure 60: STMicroelectronics N.V.: Sales Share, by Business Segment, 2022
- Figure 61: STMicroelectronics N.V.: Sales Share, by Region, 2022
- Figure 62: Texas Instruments Inc.: Sales Share, by Business Segment, 2022
- Figure 63: Texas Instruments Inc.: Sales Share, by Region, 2022
- Figure 64: Telefonaktiebolaget LM Ericsson (Ericsson): Sales Share, by Business Segment, 2022
- Figure 65: Telefonaktiebolaget LM Ericsson (Ericsson): Sales Share, by Region, 2022
- Figure 66: u-blox Holding AG: Sales Share, by Business Segment, 2022
- Figure 67: u-blox Holding AG: Sales Share, by Region, 2022
- Figure 68: ZTE Corp.: Sales Share, by Business Segment, 2022
- Figure 69: ZTE Corp.: Sales Share, by Region, 2022

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