

# Global Next Generation Transistor Market Growth 2025-2031

<https://marketpublishers.com/r/GB7B2ED0D42FEN.html>

Date: June 2026

Pages: 106

Price: US\$ 3,660.00 (Single User License)

ID: GB7B2ED0D42FEN

## Abstracts

The global Next Generation Transistor market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Next generation transistor aims to reduce the size of the device to increase the density and improve the chip's function. The ability to increase the number of devices in a chip affects the performance of the entire system while reducing the cost per wafer.

United States market for Next Generation Transistor is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Next Generation Transistor is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Next Generation Transistor is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Next Generation Transistor players cover NXP Semiconductors, Infineon Technologies, Fairchild Semiconductors (ON Semiconductor), Samsung Semiconductor, Taiwan Semiconductor Manufacturing, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the “Next Generation Transistor Industry Forecast” looks at past sales and reviews total world Next Generation Transistor sales in 2024, providing a comprehensive analysis by region and market sector of projected Next Generation Transistor sales for 2025 through 2031. With Next Generation Transistor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Next Generation Transistor industry.

This Insight Report provides a comprehensive analysis of the global Next Generation Transistor 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 Next Generation Transistor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Next Generation Transistor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Next Generation Transistor and breaks down the forecast by Product 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 Next Generation Transistor.

This report presents a comprehensive overview, market shares, and growth opportunities of Next Generation Transistor market by product type, application, key manufacturers and key regions and countries.

Segmentation by Product Type:

HEMT (High Electron Mobility Transistor)

Bipolar Junction Transistor (BJT)

Field Effect Transistors (FET)

Multiple Emitter Transistor (MET)

Dual Gate MOSFET

Others

**Segmentation by Application:**

Aerospace and Defense

Industrial

Telecommunications

Consumer Electronics

Others

**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

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

NXP Semiconductors

Infineon Technologies

Fairchild Semiconductors (ON Semiconductor)

Samsung Semiconductor

Taiwan Semiconductor Manufacturing

Cree

STMicroelectronics

Texas Instruments

Avago Technologies

Focus Microwave

Intel Corporation

GLOBALFOUNDRIES

Microchip Technology

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Next Generation Transistor market?

What factors are driving Next Generation Transistor market growth, globally and by region?

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

How do Next Generation Transistor market opportunities vary by end market size?

How does Next Generation Transistor break out by Product Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Next Generation Transistor Annual Sales 2020-2031
- 2.1.2 World Current & Future Analysis for Next Generation Transistor by Geographic Region, 2020, 2024 & 2031
- 2.1.3 World Current & Future Analysis for Next Generation Transistor by Country/Region, 2020, 2024 & 2031

#### 2.2 Next Generation Transistor Segment by Product Type

- 2.2.1 HEMT (High Electron Mobility Transistor)
- 2.2.2 Bipolar Junction Transistor (BJT)
- 2.2.3 Field Effect Transistors (FET)
- 2.2.4 Multiple Emitter Transistor (MET)
- 2.2.5 Dual Gate MOSFET
- 2.2.6 Others

#### 2.3 Next Generation Transistor Sales by Product Type

- 2.3.1 Global Next Generation Transistor Sales Market Share by Product Type (2020-2025)
- 2.3.2 Global Next Generation Transistor Revenue and Market Share by Product Type (2020-2025)
- 2.3.3 Global Next Generation Transistor Sale Price by Product Type (2020-2025)

#### 2.4 Next Generation Transistor Segment by Application

- 2.4.1 Aerospace and Defense
- 2.4.2 Industrial
- 2.4.3 Telecommunications
- 2.4.4 Consumer Electronics

#### 2.4.5 Others

### 2.5 Next Generation Transistor Sales by Application

2.5.1 Global Next Generation Transistor Sale Market Share by Application (2020-2025)

2.5.2 Global Next Generation Transistor Revenue and Market Share by Application (2020-2025)

2.5.3 Global Next Generation Transistor Sale Price by Application (2020-2025)

## **3 GLOBAL BY COMPANY**

### 3.1 Global Next Generation Transistor Breakdown Data by Company

3.1.1 Global Next Generation Transistor Annual Sales by Company (2020-2025)

3.1.2 Global Next Generation Transistor Sales Market Share by Company (2020-2025)

### 3.2 Global Next Generation Transistor Annual Revenue by Company (2020-2025)

3.2.1 Global Next Generation Transistor Revenue by Company (2020-2025)

3.2.2 Global Next Generation Transistor Revenue Market Share by Company (2020-2025)

### 3.3 Global Next Generation Transistor Sale Price by Company

### 3.4 Key Manufacturers Next Generation Transistor Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Next Generation Transistor Product Location Distribution

3.4.2 Players Next Generation Transistor Products Offered

### 3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

### 3.6 New Products and Potential Entrants

### 3.7 Market M&A Activity & Strategy

## **4 WORLD HISTORIC REVIEW FOR NEXT GENERATION TRANSISTOR BY GEOGRAPHIC REGION**

4.1 World Historic Next Generation Transistor Market Size by Geographic Region (2020-2025)

4.1.1 Global Next Generation Transistor Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Next Generation Transistor Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Next Generation Transistor Market Size by Country/Region (2020-2025)

- 4.2.1 Global Next Generation Transistor Annual Sales by Country/Region (2020-2025)
- 4.2.2 Global Next Generation Transistor Annual Revenue by Country/Region (2020-2025)
- 4.3 Americas Next Generation Transistor Sales Growth
- 4.4 APAC Next Generation Transistor Sales Growth
- 4.5 Europe Next Generation Transistor Sales Growth
- 4.6 Middle East & Africa Next Generation Transistor Sales Growth

## **5 AMERICAS**

- 5.1 Americas Next Generation Transistor Sales by Country
  - 5.1.1 Americas Next Generation Transistor Sales by Country (2020-2025)
  - 5.1.2 Americas Next Generation Transistor Revenue by Country (2020-2025)
- 5.2 Americas Next Generation Transistor Sales by Product Type (2020-2025)
- 5.3 Americas Next Generation Transistor Sales by Application (2020-2025)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## **6 APAC**

- 6.1 APAC Next Generation Transistor Sales by Region
  - 6.1.1 APAC Next Generation Transistor Sales by Region (2020-2025)
  - 6.1.2 APAC Next Generation Transistor Revenue by Region (2020-2025)
- 6.2 APAC Next Generation Transistor Sales by Product Type (2020-2025)
- 6.3 APAC Next Generation Transistor Sales by Application (2020-2025)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe Next Generation Transistor by Country
  - 7.1.1 Europe Next Generation Transistor Sales by Country (2020-2025)

- 7.1.2 Europe Next Generation Transistor Revenue by Country (2020-2025)
- 7.2 Europe Next Generation Transistor Sales by Product Type (2020-2025)
- 7.3 Europe Next Generation Transistor Sales by Application (2020-2025)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Next Generation Transistor by Country
  - 8.1.1 Middle East & Africa Next Generation Transistor Sales by Country (2020-2025)
  - 8.1.2 Middle East & Africa Next Generation Transistor Revenue by Country (2020-2025)
- 8.2 Middle East & Africa Next Generation Transistor Sales by Product Type (2020-2025)
- 8.3 Middle East & Africa Next Generation Transistor Sales by Application (2020-2025)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Next Generation Transistor
- 10.3 Manufacturing Process Analysis of Next Generation Transistor
- 10.4 Industry Chain Structure of Next Generation Transistor

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Next Generation Transistor Distributors
- 11.3 Next Generation Transistor Customer

## **12 WORLD FORECAST REVIEW FOR NEXT GENERATION TRANSISTOR BY GEOGRAPHIC REGION**

- 12.1 Global Next Generation Transistor Market Size Forecast by Region
  - 12.1.1 Global Next Generation Transistor Forecast by Region (2026-2031)
  - 12.1.2 Global Next Generation Transistor Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)
- 12.4 Europe Forecast by Country (2026-2031)
- 12.5 Middle East & Africa Forecast by Country (2026-2031)
- 12.6 Global Next Generation Transistor Forecast by Product Type (2026-2031)
- 12.7 Global Next Generation Transistor Forecast by Application (2026-2031)

## **13 KEY PLAYERS ANALYSIS**

- 13.1 NXP Semiconductors
  - 13.1.1 NXP Semiconductors Company Information
  - 13.1.2 NXP Semiconductors Next Generation Transistor Product Portfolios and Specifications
  - 13.1.3 NXP Semiconductors Next Generation Transistor Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.1.4 NXP Semiconductors Main Business Overview
  - 13.1.5 NXP Semiconductors Latest Developments
- 13.2 Infineon Technologies
  - 13.2.1 Infineon Technologies Company Information
  - 13.2.2 Infineon Technologies Next Generation Transistor Product Portfolios and Specifications
  - 13.2.3 Infineon Technologies Next Generation Transistor Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.2.4 Infineon Technologies Main Business Overview
  - 13.2.5 Infineon Technologies Latest Developments
- 13.3 Fairchild Semiconductors (ON Semiconductor)

- 13.3.1 Fairchild Semiconductors (ON Semiconductor) Company Information
- 13.3.2 Fairchild Semiconductors (ON Semiconductor) Next Generation Transistor Product Portfolios and Specifications
- 13.3.3 Fairchild Semiconductors (ON Semiconductor) Next Generation Transistor Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.3.4 Fairchild Semiconductors (ON Semiconductor) Main Business Overview
- 13.3.5 Fairchild Semiconductors (ON Semiconductor) Latest Developments
- 13.4 Samsung Semiconductor
  - 13.4.1 Samsung Semiconductor Company Information
  - 13.4.2 Samsung Semiconductor Next Generation Transistor Product Portfolios and Specifications
  - 13.4.3 Samsung Semiconductor Next Generation Transistor Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.4.4 Samsung Semiconductor Main Business Overview
  - 13.4.5 Samsung Semiconductor Latest Developments
- 13.5 Taiwan Semiconductor Manufacturing
  - 13.5.1 Taiwan Semiconductor Manufacturing Company Information
  - 13.5.2 Taiwan Semiconductor Manufacturing Next Generation Transistor Product Portfolios and Specifications
  - 13.5.3 Taiwan Semiconductor Manufacturing Next Generation Transistor Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.5.4 Taiwan Semiconductor Manufacturing Main Business Overview
  - 13.5.5 Taiwan Semiconductor Manufacturing Latest Developments
- 13.6 Cree
  - 13.6.1 Cree Company Information
  - 13.6.2 Cree Next Generation Transistor Product Portfolios and Specifications
  - 13.6.3 Cree Next Generation Transistor Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.6.4 Cree Main Business Overview
  - 13.6.5 Cree Latest Developments
- 13.7 STMicroelectronics
  - 13.7.1 STMicroelectronics Company Information
  - 13.7.2 STMicroelectronics Next Generation Transistor Product Portfolios and Specifications
  - 13.7.3 STMicroelectronics Next Generation Transistor Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.7.4 STMicroelectronics Main Business Overview
  - 13.7.5 STMicroelectronics Latest Developments
- 13.8 Texas Instruments

- 13.8.1 Texas Instruments Company Information
- 13.8.2 Texas Instruments Next Generation Transistor Product Portfolios and Specifications
- 13.8.3 Texas Instruments Next Generation Transistor Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.8.4 Texas Instruments Main Business Overview
- 13.8.5 Texas Instruments Latest Developments
- 13.9 Avago Technologies
  - 13.9.1 Avago Technologies Company Information
  - 13.9.2 Avago Technologies Next Generation Transistor Product Portfolios and Specifications
  - 13.9.3 Avago Technologies Next Generation Transistor Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.9.4 Avago Technologies Main Business Overview
  - 13.9.5 Avago Technologies Latest Developments
- 13.10 Focus Microwave
  - 13.10.1 Focus Microwave Company Information
  - 13.10.2 Focus Microwave Next Generation Transistor Product Portfolios and Specifications
  - 13.10.3 Focus Microwave Next Generation Transistor Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.10.4 Focus Microwave Main Business Overview
  - 13.10.5 Focus Microwave Latest Developments
- 13.11 Intel Corporation
  - 13.11.1 Intel Corporation Company Information
  - 13.11.2 Intel Corporation Next Generation Transistor Product Portfolios and Specifications
  - 13.11.3 Intel Corporation Next Generation Transistor Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.11.4 Intel Corporation Main Business Overview
  - 13.11.5 Intel Corporation Latest Developments
- 13.12 GLOBALFOUNDRIES
  - 13.12.1 GLOBALFOUNDRIES Company Information
  - 13.12.2 GLOBALFOUNDRIES Next Generation Transistor Product Portfolios and Specifications
  - 13.12.3 GLOBALFOUNDRIES Next Generation Transistor Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.12.4 GLOBALFOUNDRIES Main Business Overview
  - 13.12.5 GLOBALFOUNDRIES Latest Developments

### 13.13 Microchip Technology

13.13.1 Microchip Technology Company Information

13.13.2 Microchip Technology Next Generation Transistor Product Portfolios and Specifications

13.13.3 Microchip Technology Next Generation Transistor Sales, Revenue, Price and Gross Margin (2020-2025)

13.13.4 Microchip Technology Main Business Overview

13.13.5 Microchip Technology Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Next Generation Transistor Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Next Generation Transistor Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of HEMT (High Electron Mobility Transistor)

Table 4. Major Players of Bipolar Junction Transistor (BJT)

Table 5. Major Players of Field Effect Transistors (FET)

Table 6. Major Players of Multiple Emitter Transistor (MET)

Table 7. Major Players of Dual Gate MOSFET

Table 8. Major Players of Others

Table 9. Global Next Generation Transistor Sales by Product Type (2020-2025) & (K Units)

Table 10. Global Next Generation Transistor Sales Market Share by Product Type (2020-2025)

Table 11. Global Next Generation Transistor Revenue by Product Type (2020-2025) & (\$ million)

Table 12. Global Next Generation Transistor Revenue Market Share by Product Type (2020-2025)

Table 13. Global Next Generation Transistor Sale Price by Product Type (2020-2025) & (USD/Unit)

Table 14. Global Next Generation Transistor Sale by Application (2020-2025) & (K Units)

Table 15. Global Next Generation Transistor Sale Market Share by Application (2020-2025)

Table 16. Global Next Generation Transistor Revenue by Application (2020-2025) & (\$ million)

Table 17. Global Next Generation Transistor Revenue Market Share by Application (2020-2025)

Table 18. Global Next Generation Transistor Sale Price by Application (2020-2025) & (USD/Unit)

Table 19. Global Next Generation Transistor Sales by Company (2020-2025) & (K Units)

Table 20. Global Next Generation Transistor Sales Market Share by Company (2020-2025)

Table 21. Global Next Generation Transistor Revenue by Company (2020-2025) & (\$

millions)

Table 22. Global Next Generation Transistor Revenue Market Share by Company (2020-2025)

Table 23. Global Next Generation Transistor Sale Price by Company (2020-2025) & (USD/Unit)

Table 24. Key Manufacturers Next Generation Transistor Producing Area Distribution and Sales Area

Table 25. Players Next Generation Transistor Products Offered

Table 26. Next Generation Transistor Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 27. New Products and Potential Entrants

Table 28. Market M&A Activity & Strategy

Table 29. Global Next Generation Transistor Sales by Geographic Region (2020-2025) & (K Units)

Table 30. Global Next Generation Transistor Sales Market Share Geographic Region (2020-2025)

Table 31. Global Next Generation Transistor Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 32. Global Next Generation Transistor Revenue Market Share by Geographic Region (2020-2025)

Table 33. Global Next Generation Transistor Sales by Country/Region (2020-2025) & (K Units)

Table 34. Global Next Generation Transistor Sales Market Share by Country/Region (2020-2025)

Table 35. Global Next Generation Transistor Revenue by Country/Region (2020-2025) & (\$ millions)

Table 36. Global Next Generation Transistor Revenue Market Share by Country/Region (2020-2025)

Table 37. Americas Next Generation Transistor Sales by Country (2020-2025) & (K Units)

Table 38. Americas Next Generation Transistor Sales Market Share by Country (2020-2025)

Table 39. Americas Next Generation Transistor Revenue by Country (2020-2025) & (\$ millions)

Table 40. Americas Next Generation Transistor Sales by Product Type (2020-2025) & (K Units)

Table 41. Americas Next Generation Transistor Sales by Application (2020-2025) & (K Units)

Table 42. APAC Next Generation Transistor Sales by Region (2020-2025) & (K Units)

- Table 43. APAC Next Generation Transistor Sales Market Share by Region (2020-2025)
- Table 44. APAC Next Generation Transistor Revenue by Region (2020-2025) & (\$ millions)
- Table 45. APAC Next Generation Transistor Sales by Product Type (2020-2025) & (K Units)
- Table 46. APAC Next Generation Transistor Sales by Application (2020-2025) & (K Units)
- Table 47. Europe Next Generation Transistor Sales by Country (2020-2025) & (K Units)
- Table 48. Europe Next Generation Transistor Revenue by Country (2020-2025) & (\$ millions)
- Table 49. Europe Next Generation Transistor Sales by Product Type (2020-2025) & (K Units)
- Table 50. Europe Next Generation Transistor Sales by Application (2020-2025) & (K Units)
- Table 51. Middle East & Africa Next Generation Transistor Sales by Country (2020-2025) & (K Units)
- Table 52. Middle East & Africa Next Generation Transistor Revenue Market Share by Country (2020-2025)
- Table 53. Middle East & Africa Next Generation Transistor Sales by Product Type (2020-2025) & (K Units)
- Table 54. Middle East & Africa Next Generation Transistor Sales by Application (2020-2025) & (K Units)
- Table 55. Key Market Drivers & Growth Opportunities of Next Generation Transistor
- Table 56. Key Market Challenges & Risks of Next Generation Transistor
- Table 57. Key Industry Trends of Next Generation Transistor
- Table 58. Next Generation Transistor Raw Material
- Table 59. Key Suppliers of Raw Materials
- Table 60. Next Generation Transistor Distributors List
- Table 61. Next Generation Transistor Customer List
- Table 62. Global Next Generation Transistor Sales Forecast by Region (2026-2031) & (K Units)
- Table 63. Global Next Generation Transistor Revenue Forecast by Region (2026-2031) & (\$ millions)
- Table 64. Americas Next Generation Transistor Sales Forecast by Country (2026-2031) & (K Units)
- Table 65. Americas Next Generation Transistor Annual Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 66. APAC Next Generation Transistor Sales Forecast by Region (2026-2031) &

(K Units)

Table 67. APAC Next Generation Transistor Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 68. Europe Next Generation Transistor Sales Forecast by Country (2026-2031) & (K Units)

Table 69. Europe Next Generation Transistor Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 70. Middle East & Africa Next Generation Transistor Sales Forecast by Country (2026-2031) & (K Units)

Table 71. Middle East & Africa Next Generation Transistor Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 72. Global Next Generation Transistor Sales Forecast by Product Type (2026-2031) & (K Units)

Table 73. Global Next Generation Transistor Revenue Forecast by Product Type (2026-2031) & (\$ millions)

Table 74. Global Next Generation Transistor Sales Forecast by Application (2026-2031) & (K Units)

Table 75. Global Next Generation Transistor Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 76. NXP Semiconductors Basic Information, Next Generation Transistor Manufacturing Base, Sales Area and Its Competitors

Table 77. NXP Semiconductors Next Generation Transistor Product Portfolios and Specifications

Table 78. NXP Semiconductors Next Generation Transistor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 79. NXP Semiconductors Main Business

Table 80. NXP Semiconductors Latest Developments

Table 81. Infineon Technologies Basic Information, Next Generation Transistor Manufacturing Base, Sales Area and Its Competitors

Table 82. Infineon Technologies Next Generation Transistor Product Portfolios and Specifications

Table 83. Infineon Technologies Next Generation Transistor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 84. Infineon Technologies Main Business

Table 85. Infineon Technologies Latest Developments

Table 86. Fairchild Semiconductors (ON Semiconductor) Basic Information, Next Generation Transistor Manufacturing Base, Sales Area and Its Competitors

Table 87. Fairchild Semiconductors (ON Semiconductor) Next Generation Transistor Product Portfolios and Specifications

Table 88. Fairchild Semiconductors (ON Semiconductor) Next Generation Transistor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 89. Fairchild Semiconductors (ON Semiconductor) Main Business

Table 90. Fairchild Semiconductors (ON Semiconductor) Latest Developments

Table 91. Samsung Semiconductor Basic Information, Next Generation Transistor Manufacturing Base, Sales Area and Its Competitors

Table 92. Samsung Semiconductor Next Generation Transistor Product Portfolios and Specifications

Table 93. Samsung Semiconductor Next Generation Transistor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 94. Samsung Semiconductor Main Business

Table 95. Samsung Semiconductor Latest Developments

Table 96. Taiwan Semiconductor Manufacturing Basic Information, Next Generation Transistor Manufacturing Base, Sales Area and Its Competitors

Table 97. Taiwan Semiconductor Manufacturing Next Generation Transistor Product Portfolios and Specifications

Table 98. Taiwan Semiconductor Manufacturing Next Generation Transistor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 99. Taiwan Semiconductor Manufacturing Main Business

Table 100. Taiwan Semiconductor Manufacturing Latest Developments

Table 101. Cree Basic Information, Next Generation Transistor Manufacturing Base, Sales Area and Its Competitors

Table 102. Cree Next Generation Transistor Product Portfolios and Specifications

Table 103. Cree Next Generation Transistor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 104. Cree Main Business

Table 105. Cree Latest Developments

Table 106. STMicroelectronics Basic Information, Next Generation Transistor Manufacturing Base, Sales Area and Its Competitors

Table 107. STMicroelectronics Next Generation Transistor Product Portfolios and Specifications

Table 108. STMicroelectronics Next Generation Transistor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 109. STMicroelectronics Main Business

Table 110. STMicroelectronics Latest Developments

Table 111. Texas Instruments Basic Information, Next Generation Transistor Manufacturing Base, Sales Area and Its Competitors

Table 112. Texas Instruments Next Generation Transistor Product Portfolios and Specifications

Table 113. Texas Instruments Next Generation Transistor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 114. Texas Instruments Main Business

Table 115. Texas Instruments Latest Developments

Table 116. Avago Technologies Basic Information, Next Generation Transistor Manufacturing Base, Sales Area and Its Competitors

Table 117. Avago Technologies Next Generation Transistor Product Portfolios and Specifications

Table 118. Avago Technologies Next Generation Transistor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 119. Avago Technologies Main Business

Table 120. Avago Technologies Latest Developments

Table 121. Focus Microwave Basic Information, Next Generation Transistor Manufacturing Base, Sales Area and Its Competitors

Table 122. Focus Microwave Next Generation Transistor Product Portfolios and Specifications

Table 123. Focus Microwave Next Generation Transistor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 124. Focus Microwave Main Business

Table 125. Focus Microwave Latest Developments

Table 126. Intel Corporation Basic Information, Next Generation Transistor Manufacturing Base, Sales Area and Its Competitors

Table 127. Intel Corporation Next Generation Transistor Product Portfolios and Specifications

Table 128. Intel Corporation Next Generation Transistor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 129. Intel Corporation Main Business

Table 130. Intel Corporation Latest Developments

Table 131. GLOBALFOUNDRIES Basic Information, Next Generation Transistor Manufacturing Base, Sales Area and Its Competitors

Table 132. GLOBALFOUNDRIES Next Generation Transistor Product Portfolios and Specifications

Table 133. GLOBALFOUNDRIES Next Generation Transistor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 134. GLOBALFOUNDRIES Main Business

Table 135. GLOBALFOUNDRIES Latest Developments

Table 136. Microchip Technology Basic Information, Next Generation Transistor Manufacturing Base, Sales Area and Its Competitors

Table 137. Microchip Technology Next Generation Transistor Product Portfolios and

## Specifications

Table 138. Microchip Technology Next Generation Transistor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 139. Microchip Technology Main Business

Table 140. Microchip Technology Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Next Generation Transistor
- Figure 2. Next Generation Transistor Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Next Generation Transistor Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global Next Generation Transistor Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Next Generation Transistor Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Next Generation Transistor Sales Market Share by Country/Region (2024)
- Figure 10. Next Generation Transistor Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of HEMT (High Electron Mobility Transistor)
- Figure 12. Product Picture of Bipolar Junction Transistor (BJT)
- Figure 13. Product Picture of Field Effect Transistors (FET)
- Figure 14. Product Picture of Multiple Emitter Transistor (MET)
- Figure 15. Product Picture of Dual Gate MOSFET
- Figure 16. Product Picture of Others
- Figure 17. Global Next Generation Transistor Sales Market Share by Product Type in 2025
- Figure 18. Global Next Generation Transistor Revenue Market Share by Product Type (2020-2025)
- Figure 19. Next Generation Transistor Consumed in Aerospace and Defense
- Figure 20. Global Next Generation Transistor Market: Aerospace and Defense (2020-2025) & (K Units)
- Figure 21. Next Generation Transistor Consumed in Industrial
- Figure 22. Global Next Generation Transistor Market: Industrial (2020-2025) & (K Units)
- Figure 23. Next Generation Transistor Consumed in Telecommunications
- Figure 24. Global Next Generation Transistor Market: Telecommunications (2020-2025) & (K Units)
- Figure 25. Next Generation Transistor Consumed in Consumer Electronics
- Figure 26. Global Next Generation Transistor Market: Consumer Electronics (2020-2025) & (K Units)
- Figure 27. Next Generation Transistor Consumed in Others

- Figure 28. Global Next Generation Transistor Market: Others (2020-2025) & (K Units)
- Figure 29. Global Next Generation Transistor Sale Market Share by Application (2024)
- Figure 30. Global Next Generation Transistor Revenue Market Share by Application in 2025
- Figure 31. Next Generation Transistor Sales by Company in 2025 (K Units)
- Figure 32. Global Next Generation Transistor Sales Market Share by Company in 2025
- Figure 33. Next Generation Transistor Revenue by Company in 2025 (\$ millions)
- Figure 34. Global Next Generation Transistor Revenue Market Share by Company in 2025
- Figure 35. Global Next Generation Transistor Sales Market Share by Geographic Region (2020-2025)
- Figure 36. Global Next Generation Transistor Revenue Market Share by Geographic Region in 2025
- Figure 37. Americas Next Generation Transistor Sales 2020-2025 (K Units)
- Figure 38. Americas Next Generation Transistor Revenue 2020-2025 (\$ millions)
- Figure 39. APAC Next Generation Transistor Sales 2020-2025 (K Units)
- Figure 40. APAC Next Generation Transistor Revenue 2020-2025 (\$ millions)
- Figure 41. Europe Next Generation Transistor Sales 2020-2025 (K Units)
- Figure 42. Europe Next Generation Transistor Revenue 2020-2025 (\$ millions)
- Figure 43. Middle East & Africa Next Generation Transistor Sales 2020-2025 (K Units)
- Figure 44. Middle East & Africa Next Generation Transistor Revenue 2020-2025 (\$ millions)
- Figure 45. Americas Next Generation Transistor Sales Market Share by Country in 2025
- Figure 46. Americas Next Generation Transistor Revenue Market Share by Country (2020-2025)
- Figure 47. Americas Next Generation Transistor Sales Market Share by Product Type (2020-2025)
- Figure 48. Americas Next Generation Transistor Sales Market Share by Application (2020-2025)
- Figure 49. United States Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)
- Figure 50. Canada Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)
- Figure 51. Mexico Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)
- Figure 52. Brazil Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)
- Figure 53. APAC Next Generation Transistor Sales Market Share by Region in 2025
- Figure 54. APAC Next Generation Transistor Revenue Market Share by Region (2020-2025)
- Figure 55. APAC Next Generation Transistor Sales Market Share by Product Type (2020-2025)

Figure 56. APAC Next Generation Transistor Sales Market Share by Application (2020-2025)

Figure 57. China Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 58. Japan Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 59. South Korea Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 60. Southeast Asia Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 61. India Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 62. Australia Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 63. China Taiwan Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 64. Europe Next Generation Transistor Sales Market Share by Country in 2025

Figure 65. Europe Next Generation Transistor Revenue Market Share by Country (2020-2025)

Figure 66. Europe Next Generation Transistor Sales Market Share by Product Type (2020-2025)

Figure 67. Europe Next Generation Transistor Sales Market Share by Application (2020-2025)

Figure 68. Germany Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 69. France Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 70. UK Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 71. Italy Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 72. Russia Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 73. Middle East & Africa Next Generation Transistor Sales Market Share by Country (2020-2025)

Figure 74. Middle East & Africa Next Generation Transistor Sales Market Share by Product Type (2020-2025)

Figure 75. Middle East & Africa Next Generation Transistor Sales Market Share by Application (2020-2025)

Figure 76. Egypt Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 77. South Africa Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 78. Israel Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 79. Turkey Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 80. GCC Countries Next Generation Transistor Revenue Growth 2020-2025 (\$ millions)

Figure 81. Manufacturing Cost Structure Analysis of Next Generation Transistor in 2025

Figure 82. Manufacturing Process Analysis of Next Generation Transistor

Figure 83. Industry Chain Structure of Next Generation Transistor

Figure 84. Channels of Distribution

Figure 85. Global Next Generation Transistor Sales Market Forecast by Region (2026-2031)

Figure 86. Global Next Generation Transistor Revenue Market Share Forecast by Region (2026-2031)

Figure 87. Global Next Generation Transistor Sales Market Share Forecast by Product Type (2026-2031)

Figure 88. Global Next Generation Transistor Revenue Market Share Forecast by Product Type (2026-2031)

Figure 89. Global Next Generation Transistor Sales Market Share Forecast by Application (2026-2031)

Figure 90. Global Next Generation Transistor Revenue Market Share Forecast by Application (2026-2031)

## I would like to order

Product name: Global Next Generation Transistor Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/GB7B2ED0D42FEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB7B2ED0D42FEN.html>