

# **Electronic Components Distribution Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application**

<https://marketpublishers.com/r/E2471D6290E9EN.html>

Date: February 2025

Pages: 117

Price: US\$ 3,200.00 (Single User License)

ID: E2471D6290E9EN

## **Abstracts**

### **Overview of the Electronic Components Distribution Market**

The Electronic Components Distribution Market is poised for significant growth from 2025 to 2030, driven by increasing demand for electronic components across various industries such as automotive, consumer electronics, industrial, and telecommunications. The market is expected to grow at a CAGR of 5.8% during the forecast period, reaching a market size of \$550 billion by 2030. This growth is fueled by advancements in technology, the proliferation of IoT devices, and the increasing adoption of automation across industries.

### **Market Size and Share Analysis**

In 2025, the global electronic components distribution market is projected to be valued at \$420 billion. By 2030, the market is expected to expand to \$550 billion, with a compound annual growth rate (CAGR) of 5.8%. The market is highly fragmented, with key players such as Arrow Electronics Inc., Avnet, and Future Electronics holding significant market shares. Arrow Electronics Inc. leads the market with a share of approximately 12%, followed by Avnet with 10%, and Future Electronics with 8%.

### **Trends in the Electronic Components Distribution Market**

The market is witnessing several key trends that are shaping its growth trajectory:

**Increased Demand for IoT Devices:** The proliferation of IoT devices is driving demand for electronic components, with the IoT market expected to grow at a CAGR of 10%-12% during the forecast period.

**Automation in Manufacturing:** The adoption of automation in manufacturing processes is increasing the demand for electronic components, particularly in the automotive and

industrial sectors.

**5G Technology:** The rollout of 5G technology is expected to boost demand for electronic components, with the 5G market projected to grow at a CAGR of 15%-20% from 2025 to 2030.

### Market Segmentation by Product Type

The electronic components distribution market is segmented by product type into:

**Semiconductors:** Semiconductors account for the largest share of the market, with a projected CAGR of 6.5% from 2025 to 2030.

**Passive Components:** Passive components, including resistors, capacitors, and inductors, are expected to grow at a CAGR of 5.2%.

**Electromechanical Components:** This segment is projected to grow at a CAGR of 4.8%, driven by demand from the automotive and industrial sectors.

### Market Segmentation by Process

The market is also segmented by process, including:

**Direct Sales:** Direct sales account for 60% of the market, with a projected CAGR of 5.5%.

**Online Sales:** Online sales are growing rapidly, with a projected CAGR of 7.2%, driven by the increasing adoption of e-commerce platforms.

### Market Segmentation by Application

The market is segmented by application into:

**OEM (Original Equipment Manufacturer):** OEMs account for 50% of the market, with a projected CAGR of 6.0%.

**Value-added Reseller:** This segment is expected to grow at a CAGR of 5.8%.

**Managed Service Provider:** Managed service providers are projected to grow at a CAGR of 5.3%.

**Contract Manufacturers:** Contract manufacturers are expected to grow at a CAGR of 5.7%.

### Market Segmentation by End-Use

The market is segmented by end-use into:

**Automotive:** The automotive sector is expected to grow at a CAGR of 6.5%, driven by the increasing adoption of electric vehicles (EVs) and advanced driver-assistance systems (ADAS).

**Consumer Electronics:** The consumer electronics segment is projected to grow at a CAGR of 5.9%, driven by demand for smartphones, laptops, and other electronic devices.

**Industrial:** The industrial sector is expected to grow at a CAGR of 5.4%, driven by the adoption of automation and IoT in manufacturing processes.

**Telecommunications:** The telecommunications sector is projected to grow at a CAGR of 6.2%, driven by the rollout of 5G technology.

### Market Segmentation by Region

The market is segmented by region into:

**North America:** North America accounts for 30% of the market, with a projected CAGR of 5.6%.

**Europe:** Europe is expected to grow at a CAGR of 5.3%, driven by demand from the automotive and industrial sectors.

**Asia-Pacific:** Asia-Pacific is the fastest-growing region, with a projected CAGR of 6.8%, driven by demand from China, India, and Southeast Asia.

**Latin America:** Latin America is expected to grow at a CAGR of 5.0%.

**Middle East & Africa:** The Middle East & Africa region is projected to grow at a CAGR of 4.7%.

### Key Players in the Market

The electronic components distribution market is highly competitive, with key players including:

Arrow Electronics Inc.

Avnet

Future Electronics

World Peace Group

Mouser Electronics

Digi-Key Electronics

WPG Holdings

WT Microelectronics  
Shenzhen Huaqiang  
Shenzhen Yitao  
Cogobuy Group  
Wuhan P&S Information Technology  
BOB Holdings  
Shanghai Fortune Techgroup  
Shanghai Yct Electronics Group  
Nanjing Sunlord Electronics Corporation  
Shenzhen CECport Technologies

### Market News on Policy and Companies

Recent developments in the electronic components distribution market include:

**Policy Changes:** Governments worldwide are implementing policies to support the growth of the electronics industry, including tax incentives for semiconductor manufacturing and investments in 5G infrastructure.

**Company News:** Key players such as Arrow Electronics Inc. and Avnet are expanding their product portfolios and investing in digital transformation to enhance their distribution networks.

### Segment Forecasts, 2025 - 2030

The electronic components distribution market is expected to witness steady growth across all segments from 2025 to 2030. Key forecasts include:

**Semiconductors:** The semiconductor segment is expected to grow at a CAGR of 6.5%, driven by demand from the automotive and consumer electronics sectors.

**Automotive:** The automotive sector is projected to grow at a CAGR of 6.5%, driven by the increasing adoption of electric vehicles (EVs) and advanced driver-assistance systems (ADAS).

**Asia-Pacific:** The Asia-Pacific region is expected to be the fastest-growing market, with a projected CAGR of 6.8%, driven by demand from China, India, and Southeast Asia.

### Conclusion

The Electronic Components Distribution Market is set for robust growth from 2025 to 2030, driven by technological advancements, increasing demand for IoT devices, and

the adoption of automation across industries. With a projected market size of \$550 billion by 2030 and a CAGR of 5.8%, the market offers significant opportunities for key players and new entrants alike. The market is highly competitive, with key players such as Arrow Electronics Inc., Avnet, and Future Electronics leading the way. As the market continues to evolve, companies will need to focus on innovation, digital transformation, and strategic partnerships to maintain their competitive edge.

## Contents

### **CHAPTER 1 EXECUTIVE SUMMARY**

### **CHAPTER 2 ABBREVIATION AND ACRONYMS**

### **CHAPTER 3 PREFACE**

- 3.1 Research Scope
- 3.2 Research Sources
  - 3.2.1 Data Sources
  - 3.2.2 Assumptions
- 3.3 Research Method
- Chapter Four Market Landscape
- 4.1 Market Overview
- 4.2 Classification/Types
- 4.3 Application/End Users

### **CHAPTER 5 MARKET TREND ANALYSIS**

- 5.1 Introduction
- 5.2 Drivers
- 5.3 Restraints
- 5.4 Opportunities
- 5.5 Threats

### **CHAPTER 6 INDUSTRY CHAIN ANALYSIS**

- 6.1 Upstream/Suppliers Analysis
- 6.2 Electronic Components Distribution Analysis
  - 6.2.1 Technology Analysis
  - 6.2.2 Cost Analysis
  - 6.2.3 Market Channel Analysis
- 6.3 Downstream Buyers/End Users

### **CHAPTER 7 LATEST MARKET DYNAMICS**

- 7.1 Latest News
- 7.2 Merger and Acquisition

7.3 Planned/Future Project

7.4 Policy Dynamics

## **CHAPTER 8 HISTORICAL AND FORECAST ELECTRONIC COMPONENTS DISTRIBUTION MARKET IN NORTH AMERICA (2020-2030)**

8.1 Electronic Components Distribution Market Size

8.2 Electronic Components Distribution Market by End Use

8.3 Competition by Players/Suppliers

8.4 Electronic Components Distribution Market Size by Type

8.5 Key Countries Analysis

8.5.1 United States

8.5.2 Canada

8.5.3 Mexico

## **CHAPTER 9 HISTORICAL AND FORECAST ELECTRONIC COMPONENTS DISTRIBUTION MARKET IN SOUTH AMERICA (2020-2030)**

9.1 Electronic Components Distribution Market Size

9.2 Electronic Components Distribution Market by End Use

9.3 Competition by Players/Suppliers

9.4 Electronic Components Distribution Market Size by Type

9.5 Key Countries Analysis

9.5.1 Brazil

9.5.2 Argentina

9.5.3 Chile

9.5.4 Peru

## **CHAPTER 10 HISTORICAL AND FORECAST ELECTRONIC COMPONENTS DISTRIBUTION MARKET IN ASIA & PACIFIC (2020-2030)**

10.1 Electronic Components Distribution Market Size

10.2 Electronic Components Distribution Market by End Use

10.3 Competition by Players/Suppliers

10.4 Electronic Components Distribution Market Size by Type

10.5 Key Countries Analysis

10.5.1 China

10.5.2 India

10.5.3 Japan

- 10.5.4 South Korea
- 10.5.5 Southeast Asia
- 10.5.6 Australia

## **CHAPTER 11 HISTORICAL AND FORECAST ELECTRONIC COMPONENTS DISTRIBUTION MARKET IN EUROPE (2020-2030)**

- 11.1 Electronic Components Distribution Market Size
- 11.2 Electronic Components Distribution Market by End Use
- 11.3 Competition by Players/Suppliers
- 11.4 Electronic Components Distribution Market Size by Type
- 11.5 Key Countries Analysis
  - 11.5.1 Germany
  - 11.5.2 France
  - 11.5.3 United Kingdom
  - 11.5.4 Italy
  - 11.5.5 Spain
  - 11.5.6 Belgium
  - 11.5.7 Netherlands
  - 11.5.8 Austria
  - 11.5.9 Poland
  - 11.5.10 Russia

## **CHAPTER 12 HISTORICAL AND FORECAST ELECTRONIC COMPONENTS DISTRIBUTION MARKET IN MEA (2020-2030)**

- 12.1 Electronic Components Distribution Market Size
- 12.2 Electronic Components Distribution Market by End Use
- 12.3 Competition by Players/Suppliers
- 12.4 Electronic Components Distribution Market Size by Type
- 12.5 Key Countries Analysis
  - 12.5.1 Egypt
  - 12.5.2 Israel
  - 12.5.3 South Africa
  - 12.5.4 Gulf Cooperation Council Countries
  - 12.5.5 Turkey

## **CHAPTER 13 SUMMARY FOR GLOBAL ELECTRONIC COMPONENTS DISTRIBUTION MARKET (2020-2025)**

- 13.1 Electronic Components Distribution Market Size
- 13.2 Electronic Components Distribution Market by End Use
- 13.3 Competition by Players/Suppliers
- 13.4 Electronic Components Distribution Market Size by Type

## **CHAPTER 14 GLOBAL ELECTRONIC COMPONENTS DISTRIBUTION MARKET FORECAST (2025-2030)**

- 14.1 Electronic Components Distribution Market Size Forecast
- 14.2 Electronic Components Distribution Application Forecast
- 14.3 Competition by Players/Suppliers
- 14.4 Electronic Components Distribution Type Forecast

## **CHAPTER 15 ANALYSIS OF GLOBAL KEY VENDORS**

- 15.1 Arrow Electronics Inc.
  - 15.1.1 Company Profile
  - 15.1.2 Main Business and Electronic Components Distribution Information
  - 15.1.3 SWOT Analysis of Arrow Electronics Inc.
  - 15.1.4 Arrow Electronics Inc. Electronic Components Distribution Revenue, Gross Margin and Market Share (2020-2025)
- 15.2 Avnet
  - 15.2.1 Company Profile
  - 15.2.2 Main Business and Electronic Components Distribution Information
  - 15.2.3 SWOT Analysis of Avnet
  - 15.2.4 Avnet Electronic Components Distribution Revenue, Gross Margin and Market Share (2020-2025)
- 15.3 Future Electronics
  - 15.3.1 Company Profile
  - 15.3.2 Main Business and Electronic Components Distribution Information
  - 15.3.3 SWOT Analysis of Future Electronics
  - 15.3.4 Future Electronics Electronic Components Distribution Revenue, Gross Margin and Market Share (2020-2025)
- 15.4 World Peace Group
  - 15.4.1 Company Profile
  - 15.4.2 Main Business and Electronic Components Distribution Information
  - 15.4.3 SWOT Analysis of World Peace Group
  - 15.4.4 World Peace Group Electronic Components Distribution Revenue, Gross

## Margin and Market Share (2020-2025)

### 15.5 Mouser Electronics

#### 15.5.1 Company Profile

#### 15.5.2 Main Business and Electronic Components Distribution Information

#### 15.5.3 SWOT Analysis of Mouser Electronics

#### 15.5.4 Mouser Electronics Electronic Components Distribution Revenue, Gross Margin and Market Share (2020-2025)

### 15.6 Digi-Key Electronics

#### 15.6.1 Company Profile

#### 15.6.2 Main Business and Electronic Components Distribution Information

#### 15.6.3 SWOT Analysis of Digi-Key Electronics

#### 15.6.4 Digi-Key Electronics Electronic Components Distribution Revenue, Gross Margin and Market Share (2020-2025)

### 15.7 WPG Holdings

#### 15.7.1 Company Profile

#### 15.7.2 Main Business and Electronic Components Distribution Information

#### 15.7.3 SWOT Analysis of WPG Holdings

#### 15.7.4 WPG Holdings Electronic Components Distribution Revenue, Gross Margin and Market Share (2020-2025)

### 15.8 WT Microelectronics

#### 15.8.1 Company Profile

#### 15.8.2 Main Business and Electronic Components Distribution Information

#### 15.8.3 SWOT Analysis of WT Microelectronics

#### 15.8.4 WT Microelectronics Electronic Components Distribution Revenue, Gross Margin and Market Share (2020-2025)

### 15.9 Shenzhen Huaqiang

#### 15.9.1 Company Profile

#### 15.9.2 Main Business and Electronic Components Distribution Information

#### 15.9.3 SWOT Analysis of Shenzhen Huaqiang

#### 15.9.4 Shenzhen Huaqiang Electronic Components Distribution Revenue, Gross Margin and Market Share (2020-2025)

### 15.10 Shenzhen Yitao

#### 15.10.1 Company Profile

#### 15.10.2 Main Business and Electronic Components Distribution Information

#### 15.10.3 SWOT Analysis of Shenzhen Yitao

#### 15.10.4 Shenzhen Yitao Electronic Components Distribution Revenue, Gross Margin and Market Share (2020-2025)

### 15.11 Cogobuy Group

#### 15.11.1 Company Profile

15.11.2	Main Business and Electronic Components Distribution Information
15.11.3	SWOT Analysis of Cogobuy Group
15.11.4	Cogobuy Group Electronic Components Distribution Revenue, Gross Margin and Market Share (2020-2025)
15.12	Wuhan P&S Information Technology
15.12.1	Company Profile
15.12.2	Main Business and Electronic Components Distribution Information
15.12.3	SWOT Analysis of Wuhan P&S Information Technology
15.12.4	Wuhan P&S Information Technology Electronic Components Distribution Revenue, Gross Margin and Market Share (2020-2025)
15.13	BOB Holdings
15.13.1	Company Profile
15.13.2	Main Business and Electronic Components Distribution Information
15.13.3	SWOT Analysis of BOB Holdings
15.13.4	BOB Holdings Electronic Components Distribution Revenue, Gross Margin and Market Share (2020-2025)
Please ask for sample pages for full companies list	
Tables and Figures	
Table Abbreviation and Acronyms	
Table Research Scope of Electronic Components Distribution Report	
Table Data Sources of Electronic Components Distribution Report	
Table Major Assumptions of Electronic Components Distribution Report	
Figure Market Size Estimated Method	
Figure Major Forecasting Factors	
Figure Electronic Components Distribution Picture	
Table Electronic Components Distribution Classification	
Table Electronic Components Distribution Applications	
Table Drivers of Electronic Components Distribution Market	
Table Restraints of Electronic Components Distribution Market	
Table Opportunities of Electronic Components Distribution Market	
Table Threats of Electronic Components Distribution Market	
Table Covid-19 Impact For Electronic Components Distribution Market	
Table Raw Materials Suppliers	
Table Different Production Methods of Electronic Components Distribution	
Table Cost Structure Analysis of Electronic Components Distribution	
Table Key End Users	
Table Latest News of Electronic Components Distribution Market	
Table Merger and Acquisition	
Table Planned/Future Project of Electronic Components Distribution Market	

Table Policy of Electronic Components Distribution Market

Table 2020-2030 North America Electronic Components Distribution Market Size

Figure 2020-2030 North America Electronic Components Distribution Market Size and CAGR

Table 2020-2030 North America Electronic Components Distribution Market Size by Application

Table 2020-2025 North America Electronic Components Distribution Key Players Revenue

Table 2020-2025 North America Electronic Components Distribution Key Players Market Share

Table 2020-2030 North America Electronic Components Distribution Market Size by Type

Table 2020-2030 United States Electronic Components Distribution Market Size

Table 2020-2030 Canada Electronic Components Distribution Market Size

Table 2020-2030 Mexico Electronic Components Distribution Market Size

Table 2020-2030 South America Electronic Components Distribution Market Size

Figure 2020-2030 South America Electronic Components Distribution Market Size and CAGR

Table 2020-2030 South America Electronic Components Distribution Market Size by Application

Table 2020-2025 South America Electronic Components Distribution Key Players Revenue

Table 2020-2025 South America Electronic Components Distribution Key Players Market Share

Table 2020-2030 South America Electronic Components Distribution Market Size by Type

Table 2020-2030 Brazil Electronic Components Distribution Market Size

Table 2020-2030 Argentina Electronic Components Distribution Market Size

Table 2020-2030 Chile Electronic Components Distribution Market Size

Table 2020-2030 Peru Electronic Components Distribution Market Size

Table 2020-2030 Asia & Pacific Electronic Components Distribution Market Size

Figure 2020-2030 Asia & Pacific Electronic Components Distribution Market Size and CAGR

Table 2020-2030 Asia & Pacific Electronic Components Distribution Market Size by Application

Table 2020-2025 Asia & Pacific Electronic Components Distribution Key Players Revenue

Table 2020-2025 Asia & Pacific Electronic Components Distribution Key Players Market Share

Table 2020-2030 Asia & Pacific Electronic Components Distribution Market Size by Type

Table 2020-2030 China Electronic Components Distribution Market Size

Table 2020-2030 India Electronic Components Distribution Market Size

Table 2020-2030 Japan Electronic Components Distribution Market Size

Table 2020-2030 South Korea Electronic Components Distribution Market Size

Table 2020-2030 Southeast Asia Electronic Components Distribution Market Size

Table 2020-2030 Australia Electronic Components Distribution Market Size

Table 2020-2030 Europe Electronic Components Distribution Market Size

Figure 2020-2030 Europe Electronic Components Distribution Market Size and CAGR

Table 2020-2030 Europe Electronic Components Distribution Market Size by Application

Table 2020-2025 Europe Electronic Components Distribution Key Players Revenue

Table 2020-2025 Europe Electronic Components Distribution Key Players Market Share

Table 2020-2030 Europe Electronic Components Distribution Market Size by Type

Table 2020-2030 Germany Electronic Components Distribution Market Size

Table 2020-2030 France Electronic Components Distribution Market Size

Table 2020-2030 United Kingdom Electronic Components Distribution Market Size

Table 2020-2030 Italy Electronic Components Distribution Market Size

Table 2020-2030 Spain Electronic Components Distribution Market Size

Table 2020-2030 Belgium Electronic Components Distribution Market Size

Table 2020-2030 Netherlands Electronic Components Distribution Market Size

Table 2020-2030 Austria Electronic Components Distribution Market Size

Table 2020-2030 Poland Electronic Components Distribution Market Size

Table 2020-2030 Russia Electronic Components Distribution Market Size

Table 2020-2030 MEA Electronic Components Distribution Market Size

Figure 2020-2030 MEA Electronic Components Distribution Market Size and CAGR

Table 2020-2030 MEA Electronic Components Distribution Market Size by Application

Table 2020-2025 MEA Electronic Components Distribution Key Players Revenue

Table 2020-2025 MEA Electronic Components Distribution Key Players Market Share

Table 2020-2030 MEA Electronic Components Distribution Market Size by Type

Table 2020-2030 Egypt Electronic Components Distribution Market Size

Table 2020-2030 Israel Electronic Components Distribution Market Size

Table 2020-2030 South Africa Electronic Components Distribution Market Size

Table 2020-2030 Gulf Cooperation Council Countries Electronic Components Distribution Market Size

Table 2020-2030 Turkey Electronic Components Distribution Market Size

Table 2020-2025 Global Electronic Components Distribution Market Size by Region

Table 2020-2025 Global Electronic Components Distribution Market Size Share by

## Region

Table 2020-2025 Global Electronic Components Distribution Market Size by Application

Table 2020-2025 Global Electronic Components Distribution Market Share by Application

Table 2020-2025 Global Electronic Components Distribution Key Vendors Revenue

Figure 2020-2025 Global Electronic Components Distribution Market Size and Growth Rate

Table 2020-2025 Global Electronic Components Distribution Key Vendors Market Share

Table 2020-2025 Global Electronic Components Distribution Market Size by Type

Table 2020-2025 Global Electronic Components Distribution Market Share by Type

Table 2025-2030 Global Electronic Components Distribution Market Size by Region

Table 2025-2030 Global Electronic Components Distribution Market Size Share by Region

Table 2025-2030 Global Electronic Components Distribution Market Size by Application

Table 2025-2030 Global Electronic Components Distribution Market Share by Application

Table 2025-2030 Global Electronic Components Distribution Key Vendors Revenue

Figure 2025-2030 Global Electronic Components Distribution Market Size and Growth Rate

Table 2025-2030 Global Electronic Components Distribution Key Vendors Market Share

Table 2025-2030 Global Electronic Components Distribution Market Size by Type

Table 2025-2030 Electronic Components Distribution Global Market Share by Type

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