

# Global Low Power Comparators Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G6C7172ED92DEN.html>

Date: May 2026

Pages: 150

Price: US\$ 4,480.00 (Single User License)

ID: G6C7172ED92DEN

## Abstracts

The global Low Power Comparators market size is expected to reach \$ 1079 million by 2032, rising at a market growth of 6.7% CAGR during the forecast period (2026-2032).

Low-power comparators are analog decision devices designed for battery-powered, low-voltage, and long-standby applications. Their core role is to perform threshold detection, window comparison, overvoltage and undervoltage monitoring, sensor-state triggering, and system wake-up under extremely low quiescent current, while converting analog input signals into logic outputs that can be readily processed by downstream digital or power-control units. Compared with using general-purpose operational amplifiers as substitutes, these devices place greater emphasis on micropower or nanopower operation, low start-up voltage, stable hysteresis, rail-to-rail input and output capability, tiny packages, and configurable open-drain or push-pull outputs. Some products also integrate precision voltage references to reduce external resistor networks and total standby loss. Official product pages show that the mainstream technical approaches have evolved around low-voltage supplies of roughly 1.3V to 5.5V, quiescent currents ranging from the nanoamp or sub-microamp level to tens of microamps, single-channel to multi-channel configurations, and two main architectures of either internal-reference or externally defined threshold design. Typical applications span wearables, headsets, instruments, portable medical devices, industrial sensing, automotive battery packs, overcurrent and overvoltage protection, and a wide range of IoT nodes. Commercially, the market is still dominated by catalog standard products, but automotive-grade, industrial-grade, high-reliability, and ultra-small-package devices command higher premiums, indicating that low-power comparators have evolved from traditional general-purpose analog building blocks into essential devices for battery life, system safety margins, and edge-intelligence wake-up efficiency.

The industry logic of low-power comparators is essentially the result of electronic systems seeking a balance between lower standby loss and higher edge-decision efficiency. As portable devices, wearables, wireless headsets, portable medical equipment, sensor nodes, and low-power industrial terminals continue to expand, system designers increasingly need components that can monitor voltage, current, temperature, sensor thresholds, and abnormal states for long periods while consuming almost none of the battery budget. The official product materials repeatedly emphasize nanopower or micropower operation, low start-up voltage, rail-to-rail input and output capability, internal hysteresis, and tiny packages. These are not isolated selling points, but a complete value system built around battery life, safety, and board-level integration density. Suppliers that can deliver more stable threshold accuracy, faster response, and more flexible output structures at lower quiescent current are more likely to enter the core component lists of the next generation of IoT, portable electronics, and edge-control systems. As a result, although the ASP of each device is not high, design wins tend to have long life cycles, high replacement costs, and strong stickiness, giving this market a profile of durable rather than explosive growth.

From the supply-side perspective, low-power comparators are increasingly showing a structure in which U.S. and European suppliers maintain broad platform coverage, Japanese suppliers preserve refined strengths in low-power analog design, and Chinese suppliers are rapidly filling gaps while moving upward into higher-reliability applications. Companies such as TI, ADI, ST, onsemi, Microchip, and NXP provide wide-ranging catalogs and established global customer bases, enabling them to support industrial, consumer, and automotive design needs through platform-style portfolios. Japanese suppliers, by contrast, continue to stand out in low-voltage operation, low current consumption, miniature packaging, and application-specific adaptation, making them particularly well suited to battery-powered and long-standby products. The most notable recent change among mainland Chinese suppliers is that they are no longer limited to general-purpose substitution; instead, they are positioning comparators within broader analog signal-chain and automotive, new-energy, and industrial-control strategies, while gradually building up quality systems, reliability validation, and local support capabilities. This means future competition will not stop at whether a supplier has a part number, but will increasingly center on who can respond faster to local design needs and who can offer the best trade-off among performance, supply assurance, and cost. The multipolarization of regional supply will also strengthen downstream customers' flexibility in supply-chain security and localization strategies.

Looking ahead, the most promising growth drivers for low-power comparators will not come from traditional general-purpose comparison circuits alone, but from the

incremental demand created as these devices are embedded into more system-level functional nodes. As battery-powered equipment places greater emphasis on ultra-long standby life, and as automotive and industrial systems place greater emphasis on localized protection and rapid cutoff, while edge devices seek to achieve local decision-making at minimum power, low-power comparators will increasingly be designed into battery packs, sensor front ends, power-path protection, wearable health monitoring, smart metering, and industrial condition-monitoring applications. At the same time, rising automotive-grade and industrial reliability requirements will gradually shift market emphasis away from purely low-cost general-purpose products and toward higher-value models with internal references, ultra-low power consumption, wide-temperature capability, tiny packages, and highly consistent manufacturing quality. For suppliers, this means that product-definition capability, application-support capability, quality systems, and global delivery capacity will jointly determine future share, rather than any single parameter lead. Overall, the outlook for this market is steadily optimistic, representing a classic direction of small devices delivering large system value.

This report studies the global Low Power Comparators production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Low Power Comparators and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Low Power Comparators that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Low Power Comparators total production and demand, 2021-2032, (Million Units)

Global Low Power Comparators total production value, 2021-2032, (USD Million)

Global Low Power Comparators production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Million Units), (based on production site)

Global Low Power Comparators consumption by region & country, CAGR, 2021-2032 & (Million Units)

U.S. VS China: Low Power Comparators domestic production, consumption, key domestic manufacturers and share

Global Low Power Comparators production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Million Units)

Global Low Power Comparators production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

Global Low Power Comparators production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

This report profiles key players in the global Low Power Comparators market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include STMicroelectronics, Texas Instruments, ON Semiconductor, Diodes, Rohm, Microchip Technology, Analog Devices, NXP Semiconductors N.V., Renesas Electronics Corporation, ABLIC Inc., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Low Power Comparators market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Million Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Low Power Comparators Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Low Power Comparators Market, Segmentation by Type:

Number of Channels: 4

Number of Channels: 2

Number of Channels: 1

Global Low Power Comparators Market, Segmentation by Output Type:

Open-Drain/Open-Collector

Push-Pull

Global Low Power Comparators Market, Segmentation by Reference Architecture:

Internal Reference

External Threshold

Global Low Power Comparators Market, Segmentation by Application:

Consumer Electronics

Vehicle Electronics

Industrial Electronics

Companies Profiled:

STMicroelectronics

Texas Instruments

ON Semiconductor

Diodes

Rohm

Microchip Technology

Analog Devices

NXP Semiconductors N.V.

Renesas Electronics Corporation

ABLIC Inc.

Nisshinbo Micro Devices Inc.

Toshiba Electronic Devices & Storage Corporation

SG Micro Corp.

3PEAK INCORPORATED

Jiangsu Runic Technology Co., Ltd.

Global Mixed-mode Technology Inc.

### **Key Questions Answered:**

1. How big is the global Low Power Comparators market?
2. What is the demand of the global Low Power Comparators market?
3. What is the year over year growth of the global Low Power Comparators market?
4. What is the production and production value of the global Low Power Comparators market?
5. Who are the key producers in the global Low Power Comparators market?

6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Low Power Comparators Introduction
- 1.2 World Low Power Comparators Supply & Forecast
  - 1.2.1 World Low Power Comparators Production Value (2021 & 2025 & 2032)
  - 1.2.2 World Low Power Comparators Production (2021-2032)
  - 1.2.3 World Low Power Comparators Pricing Trends (2021-2032)
- 1.3 World Low Power Comparators Production by Region (Based on Production Site)
  - 1.3.1 World Low Power Comparators Production Value by Region (2021-2032)
  - 1.3.2 World Low Power Comparators Production by Region (2021-2032)
  - 1.3.3 World Low Power Comparators Average Price by Region (2021-2032)
  - 1.3.4 North America Low Power Comparators Production (2021-2032)
  - 1.3.5 Europe Low Power Comparators Production (2021-2032)
  - 1.3.6 China Low Power Comparators Production (2021-2032)
  - 1.3.7 Japan Low Power Comparators Production (2021-2032)
  - 1.3.8 South Korea Low Power Comparators Production (2021-2032)
  - 1.3.9 China Taiwan Low Power Comparators Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Low Power Comparators Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Low Power Comparators Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Low Power Comparators Demand (2021-2032)
- 2.2 World Low Power Comparators Consumption by Region
  - 2.2.1 World Low Power Comparators Consumption by Region (2021-2026)
  - 2.2.2 World Low Power Comparators Consumption Forecast by Region (2027-2032)
- 2.3 United States Low Power Comparators Consumption (2021-2032)
- 2.4 China Low Power Comparators Consumption (2021-2032)
- 2.5 Europe Low Power Comparators Consumption (2021-2032)
- 2.6 Japan Low Power Comparators Consumption (2021-2032)
- 2.7 South Korea Low Power Comparators Consumption (2021-2032)
- 2.8 ASEAN Low Power Comparators Consumption (2021-2032)
- 2.9 India Low Power Comparators Consumption (2021-2032)

### 3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Low Power Comparators Production Value by Manufacturer (2021-2026)
- 3.2 World Low Power Comparators Production by Manufacturer (2021-2026)
- 3.3 World Low Power Comparators Average Price by Manufacturer (2021-2026)
- 3.4 Low Power Comparators Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Low Power Comparators Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Low Power Comparators in 2025
  - 3.5.3 Global Concentration Ratios (CR8) for Low Power Comparators in 2025
- 3.6 Low Power Comparators Market: Overall Company Footprint Analysis
  - 3.6.1 Low Power Comparators Market: Region Footprint
  - 3.6.2 Low Power Comparators Market: Company Product Type Footprint
  - 3.6.3 Low Power Comparators Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

- 4.1 United States VS China: Low Power Comparators Production Value Comparison
  - 4.1.1 United States VS China: Low Power Comparators Production Value Comparison (2021 & 2025 & 2032)
  - 4.1.2 United States VS China: Low Power Comparators Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Low Power Comparators Production Comparison
  - 4.2.1 United States VS China: Low Power Comparators Production Comparison (2021 & 2025 & 2032)
  - 4.2.2 United States VS China: Low Power Comparators Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Low Power Comparators Consumption Comparison
  - 4.3.1 United States VS China: Low Power Comparators Consumption Comparison (2021 & 2025 & 2032)
  - 4.3.2 United States VS China: Low Power Comparators Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Low Power Comparators Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Low Power Comparators Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Low Power Comparators Production Value (2021-2026)

4.4.3 United States Based Manufacturers Low Power Comparators Production (2021-2026)

4.5 China Based Low Power Comparators Manufacturers and Market Share

4.5.1 China Based Low Power Comparators Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Low Power Comparators Production Value (2021-2026)

4.5.3 China Based Manufacturers Low Power Comparators Production (2021-2026)

4.6 Rest of World Based Low Power Comparators Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Low Power Comparators Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Low Power Comparators Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Low Power Comparators Production (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Low Power Comparators Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Number of Channels:

5.2.2 Number of Channels:

5.2.3 Number of Channels:

5.3 Market Segment by Type

5.3.1 World Low Power Comparators Production by Type (2021-2032)

5.3.2 World Low Power Comparators Production Value by Type (2021-2032)

5.3.3 World Low Power Comparators Average Price by Type (2021-2032)

## **6 MARKET ANALYSIS BY OUTPUT TYPE**

6.1 World Low Power Comparators Market Size Overview by Output Type: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Output Type

6.2.1 Open-Drain/Open-Collector

6.2.2 Push-Pull

6.3 Market Segment by Output Type

6.3.1 World Low Power Comparators Production by Output Type (2021-2032)

6.3.2 World Low Power Comparators Production Value by Output Type (2021-2032)

6.3.3 World Low Power Comparators Average Price by Output Type (2021-2032)

## **7 MARKET ANALYSIS BY REFERENCE ARCHITECTURE**

7.1 World Low Power Comparators Market Size Overview by Reference Architecture: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Reference Architecture

7.2.1 Internal Reference

7.2.2 External Threshold

7.3 Market Segment by Reference Architecture

7.3.1 World Low Power Comparators Production by Reference Architecture (2021-2032)

7.3.2 World Low Power Comparators Production Value by Reference Architecture (2021-2032)

7.3.3 World Low Power Comparators Average Price by Reference Architecture (2021-2032)

## **8 MARKET ANALYSIS BY APPLICATION**

8.1 World Low Power Comparators Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Consumer Electronics

8.2.2 Vehicle Electronics

8.2.3 Industrial Electronics

8.3 Market Segment by Application

8.3.1 World Low Power Comparators Production by Application (2021-2032)

8.3.2 World Low Power Comparators Production Value by Application (2021-2032)

8.3.3 World Low Power Comparators Average Price by Application (2021-2032)

## **9 COMPANY PROFILES**

9.1 STMicroelectronics

9.1.1 STMicroelectronics Details

- 9.1.2 STMicroelectronics Major Business
- 9.1.3 STMicroelectronics Low Power Comparators Product and Services
- 9.1.4 STMicroelectronics Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.1.5 STMicroelectronics Recent Developments/Updates
- 9.1.6 STMicroelectronics Competitive Strengths & Weaknesses
- 9.2 Texas Instruments
  - 9.2.1 Texas Instruments Details
  - 9.2.2 Texas Instruments Major Business
  - 9.2.3 Texas Instruments Low Power Comparators Product and Services
  - 9.2.4 Texas Instruments Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.2.5 Texas Instruments Recent Developments/Updates
  - 9.2.6 Texas Instruments Competitive Strengths & Weaknesses
- 9.3 ON Semiconductor
  - 9.3.1 ON Semiconductor Details
  - 9.3.2 ON Semiconductor Major Business
  - 9.3.3 ON Semiconductor Low Power Comparators Product and Services
  - 9.3.4 ON Semiconductor Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.3.5 ON Semiconductor Recent Developments/Updates
  - 9.3.6 ON Semiconductor Competitive Strengths & Weaknesses
- 9.4 Diodes
  - 9.4.1 Diodes Details
  - 9.4.2 Diodes Major Business
  - 9.4.3 Diodes Low Power Comparators Product and Services
  - 9.4.4 Diodes Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.4.5 Diodes Recent Developments/Updates
  - 9.4.6 Diodes Competitive Strengths & Weaknesses
- 9.5 Rohm
  - 9.5.1 Rohm Details
  - 9.5.2 Rohm Major Business
  - 9.5.3 Rohm Low Power Comparators Product and Services
  - 9.5.4 Rohm Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.5.5 Rohm Recent Developments/Updates
  - 9.5.6 Rohm Competitive Strengths & Weaknesses
- 9.6 Microchip Technology

- 9.6.1 Microchip Technology Details
- 9.6.2 Microchip Technology Major Business
- 9.6.3 Microchip Technology Low Power Comparators Product and Services
- 9.6.4 Microchip Technology Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.6.5 Microchip Technology Recent Developments/Updates
- 9.6.6 Microchip Technology Competitive Strengths & Weaknesses
- 9.7 Analog Devices
  - 9.7.1 Analog Devices Details
  - 9.7.2 Analog Devices Major Business
  - 9.7.3 Analog Devices Low Power Comparators Product and Services
  - 9.7.4 Analog Devices Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.7.5 Analog Devices Recent Developments/Updates
  - 9.7.6 Analog Devices Competitive Strengths & Weaknesses
- 9.8 NXP Semiconductors N.V.
  - 9.8.1 NXP Semiconductors N.V. Details
  - 9.8.2 NXP Semiconductors N.V. Major Business
  - 9.8.3 NXP Semiconductors N.V. Low Power Comparators Product and Services
  - 9.8.4 NXP Semiconductors N.V. Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.8.5 NXP Semiconductors N.V. Recent Developments/Updates
  - 9.8.6 NXP Semiconductors N.V. Competitive Strengths & Weaknesses
- 9.9 Renesas Electronics Corporation
  - 9.9.1 Renesas Electronics Corporation Details
  - 9.9.2 Renesas Electronics Corporation Major Business
  - 9.9.3 Renesas Electronics Corporation Low Power Comparators Product and Services
  - 9.9.4 Renesas Electronics Corporation Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.9.5 Renesas Electronics Corporation Recent Developments/Updates
  - 9.9.6 Renesas Electronics Corporation Competitive Strengths & Weaknesses
- 9.10 ABLIC Inc.
  - 9.10.1 ABLIC Inc. Details
  - 9.10.2 ABLIC Inc. Major Business
  - 9.10.3 ABLIC Inc. Low Power Comparators Product and Services
  - 9.10.4 ABLIC Inc. Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.10.5 ABLIC Inc. Recent Developments/Updates
  - 9.10.6 ABLIC Inc. Competitive Strengths & Weaknesses

## 9.11 Nisshinbo Micro Devices Inc.

9.11.1 Nisshinbo Micro Devices Inc. Details

9.11.2 Nisshinbo Micro Devices Inc. Major Business

9.11.3 Nisshinbo Micro Devices Inc. Low Power Comparators Product and Services

9.11.4 Nisshinbo Micro Devices Inc. Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Nisshinbo Micro Devices Inc. Recent Developments/Updates

9.11.6 Nisshinbo Micro Devices Inc. Competitive Strengths & Weaknesses

## 9.12 Toshiba Electronic Devices & Storage Corporation

9.12.1 Toshiba Electronic Devices & Storage Corporation Details

9.12.2 Toshiba Electronic Devices & Storage Corporation Major Business

9.12.3 Toshiba Electronic Devices & Storage Corporation Low Power Comparators Product and Services

9.12.4 Toshiba Electronic Devices & Storage Corporation Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 Toshiba Electronic Devices & Storage Corporation Recent Developments/Updates

9.12.6 Toshiba Electronic Devices & Storage Corporation Competitive Strengths & Weaknesses

## 9.13 SG Micro Corp.

9.13.1 SG Micro Corp. Details

9.13.2 SG Micro Corp. Major Business

9.13.3 SG Micro Corp. Low Power Comparators Product and Services

9.13.4 SG Micro Corp. Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.13.5 SG Micro Corp. Recent Developments/Updates

9.13.6 SG Micro Corp. Competitive Strengths & Weaknesses

## 9.14 3PEAK INCORPORATED

9.14.1 3PEAK INCORPORATED Details

9.14.2 3PEAK INCORPORATED Major Business

9.14.3 3PEAK INCORPORATED Low Power Comparators Product and Services

9.14.4 3PEAK INCORPORATED Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.14.5 3PEAK INCORPORATED Recent Developments/Updates

9.14.6 3PEAK INCORPORATED Competitive Strengths & Weaknesses

## 9.15 Jiangsu Runic Technology Co., Ltd.

9.15.1 Jiangsu Runic Technology Co., Ltd. Details

9.15.2 Jiangsu Runic Technology Co., Ltd. Major Business

9.15.3 Jiangsu Runic Technology Co., Ltd. Low Power Comparators Product and

## Services

9.15.4 Jiangu Runic Technology Co., Ltd. Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.15.5 Jiangu Runic Technology Co., Ltd. Recent Developments/Updates

9.15.6 Jiangu Runic Technology Co., Ltd. Competitive Strengths & Weaknesses

9.16 Global Mixed-mode Technology Inc.

9.16.1 Global Mixed-mode Technology Inc. Details

9.16.2 Global Mixed-mode Technology Inc. Major Business

9.16.3 Global Mixed-mode Technology Inc. Low Power Comparators Product and Services

9.16.4 Global Mixed-mode Technology Inc. Low Power Comparators Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.16.5 Global Mixed-mode Technology Inc. Recent Developments/Updates

9.16.6 Global Mixed-mode Technology Inc. Competitive Strengths & Weaknesses

## 10 INDUSTRY CHAIN ANALYSIS

10.1 Low Power Comparators Industry Chain

10.2 Low Power Comparators Upstream Analysis

10.2.1 Low Power Comparators Core Raw Materials

10.2.2 Main Manufacturers of Low Power Comparators Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Low Power Comparators Production Mode

10.6 Low Power Comparators Procurement Model

10.7 Low Power Comparators Industry Sales Model and Sales Channels

10.7.1 Low Power Comparators Sales Model

10.7.2 Low Power Comparators Typical Distributors

## 11 RESEARCH FINDINGS AND CONCLUSION

## 12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Low Power Comparators Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Low Power Comparators Production Value by Region (2021-2026) & (USD Million)

Table 3. World Low Power Comparators Production Value by Region (2027-2032) & (USD Million)

Table 4. World Low Power Comparators Production Value Market Share by Region (2021-2026)

Table 5. World Low Power Comparators Production Value Market Share by Region (2027-2032)

Table 6. World Low Power Comparators Production by Region (2021-2026) & (Million Units)

Table 7. World Low Power Comparators Production by Region (2027-2032) & (Million Units)

Table 8. World Low Power Comparators Production Market Share by Region (2021-2026)

Table 9. World Low Power Comparators Production Market Share by Region (2027-2032)

Table 10. World Low Power Comparators Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Low Power Comparators Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Low Power Comparators Major Market Trends

Table 13. World Low Power Comparators Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Million Units)

Table 14. World Low Power Comparators Consumption by Region (2021-2026) & (Million Units)

Table 15. World Low Power Comparators Consumption Forecast by Region (2027-2032) & (Million Units)

Table 16. World Low Power Comparators Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Low Power Comparators Producers in 2025

Table 18. World Low Power Comparators Production by Manufacturer (2021-2026) & (Million Units)

- Table 19. Production Market Share of Key Low Power Comparators Producers in 2025
- Table 20. World Low Power Comparators Average Price by Manufacturer (2021-2026) & (US\$/Unit)
- Table 21. Global Low Power Comparators Company Evaluation Quadrant
- Table 22. World Low Power Comparators Industry Rank of Major Manufacturers, Based on Production Value in 2025
- Table 23. Head Office and Low Power Comparators Production Site of Key Manufacturer
- Table 24. Low Power Comparators Market: Company Product Type Footprint
- Table 25. Low Power Comparators Market: Company Product Application Footprint
- Table 26. Low Power Comparators Competitive Factors
- Table 27. Low Power Comparators New Entrant and Capacity Expansion Plans
- Table 28. Low Power Comparators Mergers & Acquisitions Activity
- Table 29. United States VS China Low Power Comparators Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 30. United States VS China Low Power Comparators Production Comparison, (2021 & 2025 & 2032) & (Million Units)
- Table 31. United States VS China Low Power Comparators Consumption Comparison, (2021 & 2025 & 2032) & (Million Units)
- Table 32. United States Based Low Power Comparators Manufacturers, Headquarters and Production Site (States, Country)
- Table 33. United States Based Manufacturers Low Power Comparators Production Value, (2021-2026) & (USD Million)
- Table 34. United States Based Manufacturers Low Power Comparators Production Value Market Share (2021-2026)
- Table 35. United States Based Manufacturers Low Power Comparators Production (2021-2026) & (Million Units)
- Table 36. United States Based Manufacturers Low Power Comparators Production Market Share (2021-2026)
- Table 37. China Based Low Power Comparators Manufacturers, Headquarters and Production Site (Province, Country)
- Table 38. China Based Manufacturers Low Power Comparators Production Value, (2021-2026) & (USD Million)
- Table 39. China Based Manufacturers Low Power Comparators Production Value Market Share (2021-2026)
- Table 40. China Based Manufacturers Low Power Comparators Production, (2021-2026) & (Million Units)
- Table 41. China Based Manufacturers Low Power Comparators Production Market Share (2021-2026)

Table 42. Rest of World Based Low Power Comparators Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Low Power Comparators Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Low Power Comparators Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Low Power Comparators Production, (2021-2026) & (Million Units)

Table 46. Rest of World Based Manufacturers Low Power Comparators Production Market Share (2021-2026)

Table 47. World Low Power Comparators Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Low Power Comparators Production by Type (2021-2026) & (Million Units)

Table 49. World Low Power Comparators Production by Type (2027-2032) & (Million Units)

Table 50. World Low Power Comparators Production Value by Type (2021-2026) & (USD Million)

Table 51. World Low Power Comparators Production Value by Type (2027-2032) & (USD Million)

Table 52. World Low Power Comparators Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Low Power Comparators Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Low Power Comparators Production Value by Output Type, (USD Million), 2021 & 2025 & 2032

Table 55. World Low Power Comparators Production by Output Type (2021-2026) & (Million Units)

Table 56. World Low Power Comparators Production by Output Type (2027-2032) & (Million Units)

Table 57. World Low Power Comparators Production Value by Output Type (2021-2026) & (USD Million)

Table 58. World Low Power Comparators Production Value by Output Type (2027-2032) & (USD Million)

Table 59. World Low Power Comparators Average Price by Output Type (2021-2026) & (US\$/Unit)

Table 60. World Low Power Comparators Average Price by Output Type (2027-2032) & (US\$/Unit)

Table 61. World Low Power Comparators Production Value by Reference Architecture,

(USD Million), 2021 & 2025 & 2032

Table 62. World Low Power Comparators Production by Reference Architecture (2021-2026) & (Million Units)

Table 63. World Low Power Comparators Production by Reference Architecture (2027-2032) & (Million Units)

Table 64. World Low Power Comparators Production Value by Reference Architecture (2021-2026) & (USD Million)

Table 65. World Low Power Comparators Production Value by Reference Architecture (2027-2032) & (USD Million)

Table 66. World Low Power Comparators Average Price by Reference Architecture (2021-2026) & (US\$/Unit)

Table 67. World Low Power Comparators Average Price by Reference Architecture (2027-2032) & (US\$/Unit)

Table 68. World Low Power Comparators Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Low Power Comparators Production by Application (2021-2026) & (Million Units)

Table 70. World Low Power Comparators Production by Application (2027-2032) & (Million Units)

Table 71. World Low Power Comparators Production Value by Application (2021-2026) & (USD Million)

Table 72. World Low Power Comparators Production Value by Application (2027-2032) & (USD Million)

Table 73. World Low Power Comparators Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Low Power Comparators Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 76. STMicroelectronics Major Business

Table 77. STMicroelectronics Low Power Comparators Product and Services

Table 78. STMicroelectronics Low Power Comparators Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. STMicroelectronics Recent Developments/Updates

Table 80. STMicroelectronics Competitive Strengths & Weaknesses

Table 81. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 82. Texas Instruments Major Business

Table 83. Texas Instruments Low Power Comparators Product and Services

Table 84. Texas Instruments Low Power Comparators Production (Million Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Texas Instruments Recent Developments/Updates

Table 86. Texas Instruments Competitive Strengths & Weaknesses

Table 87. ON Semiconductor Basic Information, Manufacturing Base and Competitors

Table 88. ON Semiconductor Major Business

Table 89. ON Semiconductor Low Power Comparators Product and Services

Table 90. ON Semiconductor Low Power Comparators Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. ON Semiconductor Recent Developments/Updates

Table 92. ON Semiconductor Competitive Strengths & Weaknesses

Table 93. Diodes Basic Information, Manufacturing Base and Competitors

Table 94. Diodes Major Business

Table 95. Diodes Low Power Comparators Product and Services

Table 96. Diodes Low Power Comparators Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Diodes Recent Developments/Updates

Table 98. Diodes Competitive Strengths & Weaknesses

Table 99. Rohm Basic Information, Manufacturing Base and Competitors

Table 100. Rohm Major Business

Table 101. Rohm Low Power Comparators Product and Services

Table 102. Rohm Low Power Comparators Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Rohm Recent Developments/Updates

Table 104. Rohm Competitive Strengths & Weaknesses

Table 105. Microchip Technology Basic Information, Manufacturing Base and Competitors

Table 106. Microchip Technology Major Business

Table 107. Microchip Technology Low Power Comparators Product and Services

Table 108. Microchip Technology Low Power Comparators Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Microchip Technology Recent Developments/Updates

Table 110. Microchip Technology Competitive Strengths & Weaknesses

Table 111. Analog Devices Basic Information, Manufacturing Base and Competitors

Table 112. Analog Devices Major Business

Table 113. Analog Devices Low Power Comparators Product and Services

Table 114. Analog Devices Low Power Comparators Production (Million Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Analog Devices Recent Developments/Updates

Table 116. Analog Devices Competitive Strengths & Weaknesses

Table 117. NXP Semiconductors N.V. Basic Information, Manufacturing Base and Competitors

Table 118. NXP Semiconductors N.V. Major Business

Table 119. NXP Semiconductors N.V. Low Power Comparators Product and Services

Table 120. NXP Semiconductors N.V. Low Power Comparators Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. NXP Semiconductors N.V. Recent Developments/Updates

Table 122. NXP Semiconductors N.V. Competitive Strengths & Weaknesses

Table 123. Renesas Electronics Corporation Basic Information, Manufacturing Base and Competitors

Table 124. Renesas Electronics Corporation Major Business

Table 125. Renesas Electronics Corporation Low Power Comparators Product and Services

Table 126. Renesas Electronics Corporation Low Power Comparators Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Renesas Electronics Corporation Recent Developments/Updates

Table 128. Renesas Electronics Corporation Competitive Strengths & Weaknesses

Table 129. ABLIC Inc. Basic Information, Manufacturing Base and Competitors

Table 130. ABLIC Inc. Major Business

Table 131. ABLIC Inc. Low Power Comparators Product and Services

Table 132. ABLIC Inc. Low Power Comparators Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. ABLIC Inc. Recent Developments/Updates

Table 134. ABLIC Inc. Competitive Strengths & Weaknesses

Table 135. Nisshinbo Micro Devices Inc. Basic Information, Manufacturing Base and Competitors

Table 136. Nisshinbo Micro Devices Inc. Major Business

Table 137. Nisshinbo Micro Devices Inc. Low Power Comparators Product and Services

Table 138. Nisshinbo Micro Devices Inc. Low Power Comparators Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Nisshinbo Micro Devices Inc. Recent Developments/Updates

- Table 140. Nisshinbo Micro Devices Inc. Competitive Strengths & Weaknesses
- Table 141. Toshiba Electronic Devices & Storage Corporation Basic Information, Manufacturing Base and Competitors
- Table 142. Toshiba Electronic Devices & Storage Corporation Major Business
- Table 143. Toshiba Electronic Devices & Storage Corporation Low Power Comparators Product and Services
- Table 144. Toshiba Electronic Devices & Storage Corporation Low Power Comparators Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 145. Toshiba Electronic Devices & Storage Corporation Recent Developments/Updates
- Table 146. Toshiba Electronic Devices & Storage Corporation Competitive Strengths & Weaknesses
- Table 147. SG Micro Corp. Basic Information, Manufacturing Base and Competitors
- Table 148. SG Micro Corp. Major Business
- Table 149. SG Micro Corp. Low Power Comparators Product and Services
- Table 150. SG Micro Corp. Low Power Comparators Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 151. SG Micro Corp. Recent Developments/Updates
- Table 152. SG Micro Corp. Competitive Strengths & Weaknesses
- Table 153. 3PEAK INCORPORATED Basic Information, Manufacturing Base and Competitors
- Table 154. 3PEAK INCORPORATED Major Business
- Table 155. 3PEAK INCORPORATED Low Power Comparators Product and Services
- Table 156. 3PEAK INCORPORATED Low Power Comparators Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 157. 3PEAK INCORPORATED Recent Developments/Updates
- Table 158. 3PEAK INCORPORATED Competitive Strengths & Weaknesses
- Table 159. Jiangsu Runic Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors
- Table 160. Jiangsu Runic Technology Co., Ltd. Major Business
- Table 161. Jiangsu Runic Technology Co., Ltd. Low Power Comparators Product and Services
- Table 162. Jiangsu Runic Technology Co., Ltd. Low Power Comparators Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 163. Jiangsu Runic Technology Co., Ltd. Recent Developments/Updates

Table 164. Jiangsu Runic Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 165. Global Mixed-mode Technology Inc. Basic Information, Manufacturing Base and Competitors

Table 166. Global Mixed-mode Technology Inc. Major Business

Table 167. Global Mixed-mode Technology Inc. Low Power Comparators Product and Services

Table 168. Global Mixed-mode Technology Inc. Low Power Comparators Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Global Mixed-mode Technology Inc. Recent Developments/Updates

Table 170. Global Mixed-mode Technology Inc. Competitive Strengths & Weaknesses

Table 171. Global Key Players of Low Power Comparators Upstream (Raw Materials)

Table 172. Global Low Power Comparators Typical Customers

Table 173. Low Power Comparators Typical Distributors

## List Of Figures

### LIST OF FIGURES

- Figure 1. Low Power Comparators Picture
- Figure 2. World Low Power Comparators Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Low Power Comparators Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World Low Power Comparators Production (2021-2032) & (Million Units)
- Figure 5. World Low Power Comparators Average Price (2021-2032) & (US\$/Unit)
- Figure 6. World Low Power Comparators Production Value Market Share by Region (2021-2032)
- Figure 7. World Low Power Comparators Production Market Share by Region (2021-2032)
- Figure 8. North America Low Power Comparators Production (2021-2032) & (Million Units)
- Figure 9. Europe Low Power Comparators Production (2021-2032) & (Million Units)
- Figure 10. China Low Power Comparators Production (2021-2032) & (Million Units)
- Figure 11. Japan Low Power Comparators Production (2021-2032) & (Million Units)
- Figure 12. South Korea Low Power Comparators Production (2021-2032) & (Million Units)
- Figure 13. China Taiwan Low Power Comparators Production (2021-2032) & (Million Units)
- Figure 14. Low Power Comparators Market Drivers
- Figure 15. Factors Affecting Demand
- Figure 16. World Low Power Comparators Consumption (2021-2032) & (Million Units)
- Figure 17. World Low Power Comparators Consumption Market Share by Region (2021-2032)
- Figure 18. United States Low Power Comparators Consumption (2021-2032) & (Million Units)
- Figure 19. China Low Power Comparators Consumption (2021-2032) & (Million Units)
- Figure 20. Europe Low Power Comparators Consumption (2021-2032) & (Million Units)
- Figure 21. Japan Low Power Comparators Consumption (2021-2032) & (Million Units)
- Figure 22. South Korea Low Power Comparators Consumption (2021-2032) & (Million Units)
- Figure 23. ASEAN Low Power Comparators Consumption (2021-2032) & (Million Units)
- Figure 24. India Low Power Comparators Consumption (2021-2032) & (Million Units)
- Figure 25. Producer Shipments of Low Power Comparators by Manufacturer Revenue

(\$MM) and Market Share (%): 2025

Figure 26. Global Four-firm Concentration Ratios (CR4) for Low Power Comparators Markets in 2025

Figure 27. Global Four-firm Concentration Ratios (CR8) for Low Power Comparators Markets in 2025

Figure 28. United States VS China: Low Power Comparators Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Low Power Comparators Production Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: Low Power Comparators Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 31. United States Based Manufacturers Low Power Comparators Production Market Share 2025

Figure 32. China Based Manufacturers Low Power Comparators Production Market Share 2025

Figure 33. Rest of World Based Manufacturers Low Power Comparators Production Market Share 2025

Figure 34. World Low Power Comparators Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 35. World Low Power Comparators Production Value Market Share by Type in 2025

Figure 36. Number of Channels: 4

Figure 37. Number of Channels: 2

Figure 38. Number of Channels: 1

Figure 39. World Low Power Comparators Production Market Share by Type (2021-2032)

Figure 40. World Low Power Comparators Production Value Market Share by Type (2021-2032)

Figure 41. World Low Power Comparators Average Price by Type (2021-2032) & (US\$/Unit)

Figure 42. World Low Power Comparators Production Value by Output Type, (USD Million), 2021 & 2025 & 2032

Figure 43. World Low Power Comparators Production Value Market Share by Output Type in 2025

Figure 44. Open-Drain/Open-Collector

Figure 45. Push-Pull

Figure 46. World Low Power Comparators Production Market Share by Output Type (2021-2032)

Figure 47. World Low Power Comparators Production Value Market Share by Output

Type (2021-2032)

Figure 48. World Low Power Comparators Average Price by Output Type (2021-2032) & (US\$/Unit)

Figure 49. World Low Power Comparators Production Value by Reference Architecture, (USD Million), 2021 & 2025 & 2032

Figure 50. World Low Power Comparators Production Value Market Share by Reference Architecture in 2025

Figure 51. Internal Reference

Figure 52. External Threshold

Figure 53. World Low Power Comparators Production Market Share by Reference Architecture (2021-2032)

Figure 54. World Low Power Comparators Production Value Market Share by Reference Architecture (2021-2032)

Figure 55. World Low Power Comparators Average Price by Reference Architecture (2021-2032) & (US\$/Unit)

Figure 56. World Low Power Comparators Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 57. World Low Power Comparators Production Value Market Share by Application in 2025

Figure 58. Consumer Electronics

Figure 59. Vehicle Electronics

Figure 60. Industrial Electronics

Figure 61. World Low Power Comparators Production Market Share by Application (2021-2032)

Figure 62. World Low Power Comparators Production Value Market Share by Application (2021-2032)

Figure 63. World Low Power Comparators Average Price by Application (2021-2032) & (US\$/Unit)

Figure 64. Low Power Comparators Industry Chain

Figure 65. Low Power Comparators Procurement Model

Figure 66. Low Power Comparators Sales Model

Figure 67. Low Power Comparators Sales Channels, Direct Sales, and Distribution

Figure 68. Methodology

Figure 69. Research Process and Data Source

## I would like to order

Product name: Global Low Power Comparators Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G6C7172ED92DEN.html>

Price: US\$ 4,480.00 (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/G6C7172ED92DEN.html>