

Global Operational Amplifier Market Growth 2025-2031

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Abstracts

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The global Operational Amplifier market size is predicted to grow from US\$ 5535 million in 2025 to US\$ 6814 million in 2031; it is expected to grow at a CAGR of 3.5% from 2025 to 2031.

An operational amplifier is an integrated circuit that operates as a voltage amplifier. Moreover an operational amplifier is known as an instrumentation amplifier. Its greatest use is in Instrumentation as a PID/PI controller and operational amplifier is the basic component in all the instruments due to its versatile applications.

As for the operational amplifier market share, the Texas Instruments accounted for 29.63% among global, other players accounted for 25.09%, 7.70%, 6.24% including Analog Devices, Maxim, STM.

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

This Insight Report provides a comprehensive analysis of the global Operational Amplifier 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 Operational Amplifier portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position

in an accelerating global Operational Amplifier market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Operational Amplifier and breaks down the forecast by 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 Operational Amplifier.

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

Segmentation by Type:

Open-Loop Amplifier

Closed-Loop Amplifier

Segmentation by Application:

Automatic Control System

Test and Measurement Instruments

Medical Instruments

Vehicle 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.

Texas Instruments

Analog Devices

Maxim

STMicroelectronics

NXP Semiconductors

Cirrus Logic

KEC

New Japan Radio Co., Ltd

ON Semiconductor

Renesas Electronics

API Technologies

Key Questions Addressed in this Report

What is the 10-year outlook for the global Operational Amplifier market?

What factors are driving Operational Amplifier market growth, globally and by region?

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

How do Operational Amplifier market opportunities vary by end market size?

How does Operational Amplifier break out by 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 Operational Amplifier Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Operational Amplifier by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Operational Amplifier by Country/Region, 2020, 2024 & 2031
- 2.2 Operational Amplifier Segment by Type
 - 2.2.1 Open-Loop Amplifier
 - 2.2.2 Closed-Loop Amplifier
- 2.3 Operational Amplifier Sales by Type
 - 2.3.1 Global Operational Amplifier Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Operational Amplifier Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Operational Amplifier Sale Price by Type (2020-2025)
- 2.4 Operational Amplifier Segment by Application
 - 2.4.1 Automatic Control System
 - 2.4.2 Test and Measurement Instruments
 - 2.4.3 Medical Instruments
 - 2.4.4 Vehicle Electronics
 - 2.4.5 Others
- 2.5 Operational Amplifier Sales by Application
 - 2.5.1 Global Operational Amplifier Sale Market Share by Application (2020-2025)
 - 2.5.2 Global Operational Amplifier Revenue and Market Share by Application (2020-2025)
 - 2.5.3 Global Operational Amplifier Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Operational Amplifier Breakdown Data by Company

3.1.1 Global Operational Amplifier Annual Sales by Company (2020-2025)

3.1.2 Global Operational Amplifier Sales Market Share by Company (2020-2025)

3.2 Global Operational Amplifier Annual Revenue by Company (2020-2025)

3.2.1 Global Operational Amplifier Revenue by Company (2020-2025)

3.2.2 Global Operational Amplifier Revenue Market Share by Company (2020-2025)

3.3 Global Operational Amplifier Sale Price by Company

3.4 Key Manufacturers Operational Amplifier Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Operational Amplifier Product Location Distribution

3.4.2 Players Operational Amplifier 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 OPERATIONAL AMPLIFIER BY GEOGRAPHIC REGION

4.1 World Historic Operational Amplifier Market Size by Geographic Region (2020-2025)

4.1.1 Global Operational Amplifier Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Operational Amplifier Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Operational Amplifier Market Size by Country/Region (2020-2025)

4.2.1 Global Operational Amplifier Annual Sales by Country/Region (2020-2025)

4.2.2 Global Operational Amplifier Annual Revenue by Country/Region (2020-2025)

4.3 Americas Operational Amplifier Sales Growth

4.4 APAC Operational Amplifier Sales Growth

4.5 Europe Operational Amplifier Sales Growth

4.6 Middle East & Africa Operational Amplifier Sales Growth

5 AMERICAS

5.1 Americas Operational Amplifier Sales by Country

- 5.1.1 Americas Operational Amplifier Sales by Country (2020-2025)
- 5.1.2 Americas Operational Amplifier Revenue by Country (2020-2025)
- 5.2 Americas Operational Amplifier Sales by Type (2020-2025)
- 5.3 Americas Operational Amplifier Sales by Application (2020-2025)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Operational Amplifier Sales by Region
 - 6.1.1 APAC Operational Amplifier Sales by Region (2020-2025)
 - 6.1.2 APAC Operational Amplifier Revenue by Region (2020-2025)
- 6.2 APAC Operational Amplifier Sales by Type (2020-2025)
- 6.3 APAC Operational Amplifier 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 Operational Amplifier by Country
 - 7.1.1 Europe Operational Amplifier Sales by Country (2020-2025)
 - 7.1.2 Europe Operational Amplifier Revenue by Country (2020-2025)
- 7.2 Europe Operational Amplifier Sales by Type (2020-2025)
- 7.3 Europe Operational Amplifier 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 Operational Amplifier by Country

8.1.1 Middle East & Africa Operational Amplifier Sales by Country (2020-2025)

8.1.2 Middle East & Africa Operational Amplifier Revenue by Country (2020-2025)

8.2 Middle East & Africa Operational Amplifier Sales by Type (2020-2025)

8.3 Middle East & Africa Operational Amplifier 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 Operational Amplifier

10.3 Manufacturing Process Analysis of Operational Amplifier

10.4 Industry Chain Structure of Operational Amplifier

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Operational Amplifier Distributors

11.3 Operational Amplifier Customer

12 WORLD FORECAST REVIEW FOR OPERATIONAL AMPLIFIER BY GEOGRAPHIC REGION

12.1 Global Operational Amplifier Market Size Forecast by Region

12.1.1 Global Operational Amplifier Forecast by Region (2026-2031)

12.1.2 Global Operational Amplifier 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 Operational Amplifier Forecast by Type (2026-2031)
- 12.7 Global Operational Amplifier Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Texas Instruments

- 13.1.1 Texas Instruments Company Information
- 13.1.2 Texas Instruments Operational Amplifier Product Portfolios and Specifications
- 13.1.3 Texas Instruments Operational Amplifier Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.1.4 Texas Instruments Main Business Overview
- 13.1.5 Texas Instruments Latest Developments

13.2 Analog Devices

- 13.2.1 Analog Devices Company Information
- 13.2.2 Analog Devices Operational Amplifier Product Portfolios and Specifications
- 13.2.3 Analog Devices Operational Amplifier Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.2.4 Analog Devices Main Business Overview
- 13.2.5 Analog Devices Latest Developments

13.3 Maxim

- 13.3.1 Maxim Company Information
- 13.3.2 Maxim Operational Amplifier Product Portfolios and Specifications
- 13.3.3 Maxim Operational Amplifier Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.3.4 Maxim Main Business Overview
- 13.3.5 Maxim Latest Developments

13.4 STMicroelectronics

- 13.4.1 STMicroelectronics Company Information
- 13.4.2 STMicroelectronics Operational Amplifier Product Portfolios and Specifications
- 13.4.3 STMicroelectronics Operational Amplifier Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.4.4 STMicroelectronics Main Business Overview
- 13.4.5 STMicroelectronics Latest Developments

13.5 NXP Semiconductors

- 13.5.1 NXP Semiconductors Company Information
- 13.5.2 NXP Semiconductors Operational Amplifier Product Portfolios and

Specifications

13.5.3 NXP Semiconductors Operational Amplifier Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 NXP Semiconductors Main Business Overview

13.5.5 NXP Semiconductors Latest Developments

13.6 Cirrus Logic

13.6.1 Cirrus Logic Company Information

13.6.2 Cirrus Logic Operational Amplifier Product Portfolios and Specifications

13.6.3 Cirrus Logic Operational Amplifier Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 Cirrus Logic Main Business Overview

13.6.5 Cirrus Logic Latest Developments

13.7 KEC

13.7.1 KEC Company Information

13.7.2 KEC Operational Amplifier Product Portfolios and Specifications

13.7.3 KEC Operational Amplifier Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 KEC Main Business Overview

13.7.5 KEC Latest Developments

13.8 New Japan Radio Co., Ltd

13.8.1 New Japan Radio Co., Ltd Company Information

13.8.2 New Japan Radio Co., Ltd Operational Amplifier Product Portfolios and Specifications

13.8.3 New Japan Radio Co., Ltd Operational Amplifier Sales, Revenue, Price and Gross Margin (2020-2025)

13.8.4 New Japan Radio Co., Ltd Main Business Overview

13.8.5 New Japan Radio Co., Ltd Latest Developments

13.9 ON Semiconductor

13.9.1 ON Semiconductor Company Information

13.9.2 ON Semiconductor Operational Amplifier Product Portfolios and Specifications

13.9.3 ON Semiconductor Operational Amplifier Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 ON Semiconductor Main Business Overview

13.9.5 ON Semiconductor Latest Developments

13.10 Renesas Electronics

13.10.1 Renesas Electronics Company Information

13.10.2 Renesas Electronics Operational Amplifier Product Portfolios and Specifications

13.10.3 Renesas Electronics Operational Amplifier Sales, Revenue, Price and Gross

Margin (2020-2025)

13.10.4 Renesas Electronics Main Business Overview

13.10.5 Renesas Electronics Latest Developments

13.11 API Technologies

13.11.1 API Technologies Company Information

13.11.2 API Technologies Operational Amplifier Product Portfolios and Specifications

13.11.3 API Technologies Operational Amplifier Sales, Revenue, Price and Gross

Margin (2020-2025)

13.11.4 API Technologies Main Business Overview

13.11.5 API Technologies Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

LIST OF TABLES

Table 1. Operational Amplifier Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

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

Table 3. Major Players of Open-Loop Amplifier

Table 4. Major Players of Closed-Loop Amplifier

Table 5. Global Operational Amplifier Sales byType (2020-2025) & (M Units)

Table 6. Global Operational Amplifier Sales Market Share byType (2020-2025)

Table 7. Global Operational Amplifier Revenue byType (2020-2025) & (\$ million)

Table 8. Global Operational Amplifier Revenue Market Share byType (2020-2025)

Table 9. Global Operational Amplifier Sale Price byType (2020-2025) & (USD/K Unit)

Table 10. Global Operational Amplifier Sale by Application (2020-2025) & (M Units)

Table 11. Global Operational Amplifier Sale Market Share by Application (2020-2025)

Table 12. Global Operational Amplifier Revenue by Application (2020-2025) & (\$ million)

Table 13. Global Operational Amplifier Revenue Market Share by Application (2020-2025)

Table 14. Global Operational Amplifier Sale Price by Application (2020-2025) & (USD/K Unit)

Table 15. Global Operational Amplifier Sales by Company (2020-2025) & (M Units)

Table 16. Global Operational Amplifier Sales Market Share by Company (2020-2025)

Table 17. Global Operational Amplifier Revenue by Company (2020-2025) & (\$ millions)

Table 18. Global Operational Amplifier Revenue Market Share by Company

(2020-2025)

Table 19. Global Operational Amplifier Sale Price by Company (2020-2025) & (USD/K Unit)

Table 20. Key Manufacturers Operational Amplifier Producing Area Distribution and Sales Area

Table 21. Players Operational Amplifier Products Offered

Table 22. Operational Amplifier Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Operational Amplifier Sales by Geographic Region (2020-2025) & (M Units)

Table 26. Global Operational Amplifier Sales Market Share Geographic Region (2020-2025)

Table 27. Global Operational Amplifier Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 28. Global Operational Amplifier Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global Operational Amplifier Sales by Country/Region (2020-2025) & (M Units)

Table 30. Global Operational Amplifier Sales Market Share by Country/Region (2020-2025)

Table 31. Global Operational Amplifier Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global Operational Amplifier Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas Operational Amplifier Sales by Country (2020-2025) & (M Units)

Table 34. Americas Operational Amplifier Sales Market Share by Country (2020-2025)

Table 35. Americas Operational Amplifier Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas Operational Amplifier Sales byType (2020-2025) & (M Units)

Table 37. Americas Operational Amplifier Sales by Application (2020-2025) & (M Units)

Table 38. APAC Operational Amplifier Sales by Region (2020-2025) & (M Units)

Table 39. APAC Operational Amplifier Sales Market Share by Region (2020-2025)

Table 40. APAC Operational Amplifier Revenue by Region (2020-2025) & (\$ millions)

Table 41. APAC Operational Amplifier Sales byType (2020-2025) & (M Units)

Table 42. APAC Operational Amplifier Sales by Application (2020-2025) & (M Units)

Table 43. Europe Operational Amplifier Sales by Country (2020-2025) & (M Units)

Table 44. Europe Operational Amplifier Revenue by Country (2020-2025) & (\$ millions)

Table 45. Europe Operational Amplifier Sales byType (2020-2025) & (M Units)
Table 46. Europe Operational Amplifier Sales by Application (2020-2025) & (M Units)
Table 47. Middle East & Africa Operational Amplifier Sales by Country (2020-2025) & (M Units)
Table 48. Middle East & Africa Operational Amplifier Revenue Market Share by Country (2020-2025)
Table 49. Middle East & Africa Operational Amplifier Sales byType (2020-2025) & (M Units)
Table 50. Middle East & Africa Operational Amplifier Sales by Application (2020-2025) & (M Units)
Table 51. Key Market Drivers & Growth Opportunities of Operational Amplifier
Table 52. Key Market Challenges & Risks of Operational Amplifier
Table 53. Key IndustryTrends of Operational Amplifier
Table 54. Operational Amplifier Raw Material
Table 55. Key Suppliers of Raw Materials
Table 56. Operational Amplifier Distributors List
Table 57. Operational Amplifier Customer List
Table 58. Global Operational Amplifier SalesForecast by Region (2026-2031) & (M Units)
Table 59. Global Operational Amplifier RevenueForecast by Region (2026-2031) & (\$ millions)
Table 60. Americas Operational Amplifier SalesForecast by Country (2026-2031) & (M Units)
Table 61. Americas Operational Amplifier Annual RevenueForecast by Country (2026-2031) & (\$ millions)
Table 62. APAC Operational Amplifier SalesForecast by Region (2026-2031) & (M Units)
Table 63. APAC Operational Amplifier Annual RevenueForecast by Region (2026-2031) & (\$ millions)
Table 64. Europe Operational Amplifier SalesForecast by Country (2026-2031) & (M Units)
Table 65. Europe Operational Amplifier RevenueForecast by Country (2026-2031) & (\$ millions)
Table 66. Middle East & Africa Operational Amplifier SalesForecast by Country (2026-2031) & (M Units)
Table 67. Middle East & Africa Operational Amplifier RevenueForecast by Country (2026-2031) & (\$ millions)
Table 68. Global Operational Amplifier SalesForecast byType (2026-2031) & (M Units)
Table 69. Global Operational Amplifier RevenueForecast byType (2026-2031) & (\$

millions)

Table 70. Global Operational Amplifier SalesForecast by Application (2026-2031) & (M Units)

Table 71. Global Operational Amplifier RevenueForecast by Application (2026-2031) & (\$ millions)

Table 72. Texas Instruments Basic Information, Operational Amplifier Manufacturing Base, Sales Area and Its Competitors

Table 73. Texas Instruments Operational Amplifier Product Portfolios and Specifications

Table 74. Texas Instruments Operational Amplifier Sales (M Units), Revenue (\$ Million), Price (USD/K Unit) and Gross Margin (2020-2025)

Table 75. Texas Instruments Main Business

Table 76. Texas Instruments Latest Developments

Table 77. Analog Devices Basic Information, Operational Amplifier Manufacturing Base, Sales Area and Its Competitors

Table 78. Analog Devices Operational Amplifier Product Portfolios and Specifications

Table 79. Analog Devices Operational Amplifier Sales (M Units), Revenue (\$ Million), Price (USD/K Unit) and Gross Margin (2020-2025)

Table 80. Analog Devices Main Business

Table 81. Analog Devices Latest Developments

Table 82. Maxim Basic Information, Operational Amplifier Manufacturing Base, Sales Area and Its Competitors

Table 83. Maxim Operational Amplifier Product Portfolios and Specifications

Table 84. Maxim Operational Amplifier Sales (M Units), Revenue (\$ Million), Price (USD/K Unit) and Gross Margin (2020-2025)

Table 85. Maxim Main Business

Table 86. Maxim Latest Developments

Table 87. STMicroelectronics Basic Information, Operational Amplifier Manufacturing Base, Sales Area and Its Competitors

Table 88. STMicroelectronics Operational Amplifier Product Portfolios and Specifications

Table 89. STMicroelectronics Operational Amplifier Sales (M Units), Revenue (\$ Million), Price (USD/K Unit) and Gross Margin (2020-2025)

Table 90. STMicroelectronics Main Business

Table 91. STMicroelectronics Latest Developments

Table 92. NXP Semiconductors Basic Information, Operational Amplifier Manufacturing Base, Sales Area and Its Competitors

Table 93. NXP Semiconductors Operational Amplifier Product Portfolios and Specifications

Table 94. NXP Semiconductors Operational Amplifier Sales (M Units), Revenue (\$

Million), Price (USD/K Unit) and Gross Margin (2020-2025)

Table 95. NXP Semiconductors Main Business

Table 96. NXP Semiconductors Latest Developments

Table 97. Cirrus Logic Basic Information, Operational Amplifier Manufacturing Base, Sales Area and Its Competitors

Table 98. Cirrus Logic Operational Amplifier Product Portfolios and Specifications

Table 99. Cirrus Logic Operational Amplifier Sales (M Units), Revenue (\$ Million), Price (USD/K Unit) and Gross Margin (2020-2025)

Table 100. Cirrus Logic Main Business

Table 101. Cirrus Logic Latest Developments

Table 102. KEC Basic Information, Operational Amplifier Manufacturing Base, Sales Area and Its Competitors

Table 103. KEC Operational Amplifier Product Portfolios and Specifications

Table 104. KEC Operational Amplifier Sales (M Units), Revenue (\$ Million), Price (USD/K Unit) and Gross Margin (2020-2025)

Table 105. KEC Main Business

Table 106. KEC Latest Developments

Table 107. New Japan Radio Co., Ltd Basic Information, Operational Amplifier Manufacturing Base, Sales Area and Its Competitors

Table 108. New Japan Radio Co., Ltd Operational Amplifier Product Portfolios and Specifications

Table 109. New Japan Radio Co., Ltd Operational Amplifier Sales (M Units), Revenue (\$ Million), Price (USD/K Unit) and Gross Margin (2020-2025)

Table 110. New Japan Radio Co., Ltd Main Business

Table 111. New Japan Radio Co., Ltd Latest Developments

Table 112. ON Semiconductor Basic Information, Operational Amplifier Manufacturing Base, Sales Area and Its Competitors

Table 113. ON Semiconductor Operational Amplifier Product Portfolios and Specifications

Table 114. ON Semiconductor Operational Amplifier Sales (M Units), Revenue (\$ Million), Price (USD/K Unit) and Gross Margin (2020-2025)

Table 115. ON Semiconductor Main Business

Table 116. ON Semiconductor Latest Developments

Table 117. Renesas Electronics Basic Information, Operational Amplifier Manufacturing Base, Sales Area and Its Competitors

Table 118. Renesas Electronics Operational Amplifier Product Portfolios and Specifications

Table 119. Renesas Electronics Operational Amplifier Sales (M Units), Revenue (\$ Million), Price (USD/K Unit) and Gross Margin (2020-2025)

Table 120. Renesas Electronics Main Business

Table 121. Renesas Electronics Latest Developments

Table 122. APITechnologies Basic Information, Operational Amplifier Manufacturing Base, Sales Area and Its Competitors

Table 123. APITechnologies Operational Amplifier Product Portfolios and Specifications

Table 124. APITechnologies Operational Amplifier Sales (M Units), Revenue (\$ Million), Price (USD/K Unit) and Gross Margin (2020-2025)

Table 125. APITechnologies Main Business

Table 126. APITechnologies Latest Developments

LIST OFFIGURES

Figure 1. Picture of Operational Amplifier

Figure 2. Operational Amplifier Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Operational Amplifier Sales Growth Rate 2020-2031 (M Units)

Figure 7. Global Operational Amplifier Revenue Growth Rate 2020-2031 (\$ millions)

Figure 8. Operational Amplifier Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Figure 9. Operational Amplifier Sales Market Share by Country/Region (2024)

Figure 10. Operational Amplifier Sales Market Share by Country/Region (2020, 2024 & 2031)

Figure 11. Product Picture of Open-Loop Amplifier

Figure 12. Product Picture of Closed-Loop Amplifier

Figure 13. Global Operational Amplifier Sales Market Share byType in 2025

Figure 14. Global Operational Amplifier Revenue Market Share byType (2020-2025)

Figure 15. Operational Amplifier Consumed in Automatic Control System

Figure 16. Global Operational Amplifier Market: Automatic Control System (2020-2025) & (M Units)

Figure 17. Operational Amplifier Consumed inTest and Measurement Instruments

Figure 18. Global Operational Amplifier Market:Test and Measurement Instruments (2020-2025) & (M Units)

Figure 19. Operational Amplifier Consumed in Medical Instruments

Figure 20. Global Operational Amplifier Market: Medical Instruments (2020-2025) & (M Units)

Figure 21. Operational Amplifier Consumed in Vehicle Electronics

Figure 22. Global Operational Amplifier Market: Vehicle Electronics (2020-2025) & (M Units)

Figure 23. Operational Amplifier Consumed in Others

Figure 24. Global Operational Amplifier Market: Others (2020-2025) & (M Units)

Figure 25. Global Operational Amplifier Sale Market Share by Application (2024)

Figure 26. Global Operational Amplifier Revenue Market Share by Application in 2025

Figure 27. Operational Amplifier Sales by Company in 2025 (M Units)

Figure 28. Global Operational Amplifier Sales Market Share by Company in 2025

Figure 29. Operational Amplifier Revenue by Company in 2025 (\$ millions)

Figure 30. Global Operational Amplifier Revenue Market Share by Company in 2025

Figure 31. Global Operational Amplifier Sales Market Share by Geographic Region (2020-2025)

Figure 32. Global Operational Amplifier Revenue Market Share by Geographic Region in 2025

Figure 33. Americas Operational Amplifier Sales 2020-2025 (M Units)

Figure 34. Americas Operational Amplifier Revenue 2020-2025 (\$ millions)

Figure 35. APAC Operational Amplifier Sales 2020-2025 (M Units)

Figure 36. APAC Operational Amplifier Revenue 2020-2025 (\$ millions)

Figure 37. Europe Operational Amplifier Sales 2020-2025 (M Units)

Figure 38. Europe Operational Amplifier Revenue 2020-2025 (\$ millions)

Figure 39. Middle East & Africa Operational Amplifier Sales 2020-2025 (M Units)

Figure 40. Middle East & Africa Operational Amplifier Revenue 2020-2025 (\$ millions)

Figure 41. Americas Operational Amplifier Sales Market Share by Country in 2025

Figure 42. Americas Operational Amplifier Revenue Market Share by Country (2020-2025)

Figure 43. Americas Operational Amplifier Sales Market Share byType (2020-2025)

Figure 44. Americas Operational Amplifier Sales Market Share by Application (2020-2025)

Figure 45. United States Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 46. Canada Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 47. Mexico Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 48. Brazil Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 49. APAC Operational Amplifier Sales Market Share by Region in 2025

Figure 50. APAC Operational Amplifier Revenue Market Share by Region (2020-2025)

Figure 51. APAC Operational Amplifier Sales Market Share byType (2020-2025)

Figure 52. APAC Operational Amplifier Sales Market Share by Application (2020-2025)

Figure 53. China Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 54. Japan Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 55. South Korea Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 56. Southeast Asia Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 57. India Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 58. Australia Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 59. ChinaTaiwan Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 60. Europe Operational Amplifier Sales Market Share by Country in 2025

Figure 61. Europe Operational Amplifier Revenue Market Share by Country (2020-2025)

Figure 62. Europe Operational Amplifier Sales Market Share byType (2020-2025)

Figure 63. Europe Operational Amplifier Sales Market Share by Application (2020-2025)

Figure 64. Germany Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 65. France Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 66. UK Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 67. Italy Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 68. Russia Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 69. Middle East & Africa Operational Amplifier Sales Market Share by Country (2020-2025)

Figure 70. Middle East & Africa Operational Amplifier Sales Market Share byType (2020-2025)

Figure 71. Middle East & Africa Operational Amplifier Sales Market Share by Application (2020-2025)

Figure 72. Egypt Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 73. South Africa Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 74. Israel Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 75. Turkey Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 76. GCC Countries Operational Amplifier Revenue Growth 2020-2025 (\$ millions)

Figure 77. Manufacturing Cost Structure Analysis of Operational Amplifier in 2025

Figure 78. Manufacturing Process Analysis of Operational Amplifier

Figure 79. Industry Chain Structure of Operational Amplifier

Figure 80. Channels of Distribution

Figure 81. Global Operational Amplifier Sales MarketForecast by Region (2026-2031)

Figure 82. Global Operational Amplifier Revenue Market ShareForecast by Region (2026-2031)

Figure 83. Global Operational Amplifier Sales Market ShareForecast byType (2026-2031)

Figure 84. Global Operational Amplifier Revenue Market ShareForecast byType (2026-2031)

Figure 85. Global Operational Amplifier Sales Market ShareForecast by Application
(2026-2031)

Figure 86. Global Operational Amplifier Revenue Market ShareForecast by Application
(2026-2031)

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