

Europe Amplifier and Comparator Market Forecast to 2030 – COVID-19 Impact and Regional Analysis – by Type (Amplifier and Comparator) and Application (Industrial Sector, Communications Sector, Computing Devices, Consumer Electronics Devices, Automotive, Military & Aerospace, and Others)

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Abstracts

The Europe amplifier and comparator market is expected to grow from US\$ 3,649.11 million in 2023 to US\$ 6,014.38 million by 2030; it is estimated to grow at a CAGR of 7.4% from 2023 to 2030.

Rising Adoption of Electronic Transportation

The electronic mode of transportation is perceived to benefit the environment and reduce fuel consumption. Many governments across the region have embraced the Electric Vehicles Initiative (EVI), a multi-government policy forum coordinated by the International Energy Agency (IEA) to accelerate the introduction and adoption of electric vehicles worldwide. According to the IEA, 16 countries are the current participants of this program, including Finland, France, Germany, the Netherlands, Norway, Poland, Portugal, Sweden, and the UK. An electric battery is a core component of the electric mode of transportation. In these batteries, the output of the comparator is used to alert a microcontroller regarding their discharged or low power status. Also, the amplifier is used in EV battery management, and the isolated amplifier offset determines the initial precision of the current sense. Thus, the large-scale application of amplifiers in batteries required for electronic transportation would bolster the consumption of amplifiers and comparators in the future.

Europe Amplifier and Comparator Market Overview

The amplifier and comparator market in Europe is segmented into France, Germany, Italy, Russia, the UK, and the Rest of Europe. Western Europe is a highly developed region and comprises different types of businesses. Europe has a well-established manufacturing industry using cutting-edge technologies, which include the Industrial Internet of Things, the Internet of Things, and Industry 4.0. The European market is extremely competitive, with the presence of both local and international players. Key companies involved in designing, manufacturing, and distributing amplifiers and comparators conduct business in the region. These companies often invest in research and development to remain the forerunners in technological advancements and meet evolving customer demands. Key players in the amplifier and comparator market focus on innovation, new product launches, partnerships, and collaborations to stay relevant in the competition. In March 2023, Marshall Amplification, one of the leading amp-makers, was acquired by the Swedish audio firm Zound Industries. With this acquisition, both companies decided to join forces with the launch of the Marshall Group. An amplifier improves audio quality, provides dynamic range, and enhances listening experiences. These strategic developments in the audio industry are expected to bolster the growth of the amplifier and comparator market.

Europe Amplifier and Comparator Market Revenue and Forecast to 2030 (US\$ Million)

Europe Amplifier and Comparator Market Segmentation

The Europe amplifier and comparator market is segmented based on type, application, and country. Based on type, the Europe amplifier and comparator market is bifurcated into amplifier and comparator. The amplifier segment held a larger market share in 2023.

Based on application, the Europe amplifier and comparator market is segmented into industrial sector, communications sector, computing devices, consumer electronics devices, automotive, military & aerospace, and others. The industrial sector segment held the largest market share in 2023.

Based on country, the Europe amplifier and comparator market is segmented into Germany, the UK, France, Italy, Russia, and the Rest of Europe. Germany dominated the Europe amplifier and comparator market share in 2023.

ABLIC Inc; Analog Devices Inc; Broadcom Inc; Microchip Technology Inc; NXP

Semiconductors; On Semiconductor; Renesas Electronics Corporation; Skyworks Solutions Inc; STMicroelectronics NV; and Texas Instruments Inc are the leading companies operating in the Europe amplifier and comparator market.

Contents

1. INTRODUCTION

- 1.1 Study Scope
- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation

2. KEY TAKEAWAYS

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. EUROPE AMPLIFIER AND COMPARATOR MARKET LANDSCAPE

- 4.1 Market Overview
- 4.2 PEST Analysis
 - 4.2.1 Europe
- 4.3 Ecosystem Analysis
- 4.4 Expert Opinion

5. EUROPE AMPLIFIER AND COMPARATOR MARKET- KEY MARKET DYNAMICS

- 5.1 Market Drivers
 - 5.1.1 Increasing Demand for Optical Amplifiers
 - 5.1.2 Adoption of Advanced Driver-Assistance Systems
- 5.2 Market Restraint
 - 5.2.1 Physical Limitations of Operational Amplifiers
- 5.3 Market Opportunities
 - 5.3.1 Growing Emphasis on Industrial Automation
- 5.4 Market Trends
 - 5.4.1 Rising Adoption of Electronic Transportation
- 5.5 Impact Analysis of Drivers and Restraints

6. AMPLIFIER AND COMPARATOR MARKET– EUROPE MARKET ANALYSIS

- 6.1 Amplifier and Comparator Market Europe Overview
- 6.2 Europe Amplifier and Comparator Market Forecast and Analysis

7. EUROPE AMPLIFIER AND COMPARATOR MARKET REVENUE AND FORECAST TO 2030 – TYPE.

- 7.1 Overview
- 7.2 Amplifier and Comparator Market, By Type (2022 and 2030)
- 7.3 Amplifier
 - 7.3.1 Overview
 - 7.3.2 Amplifier: Amplifier and Comparator Market Revenue and Forecast To 2030 (US\$ Million)
- 7.4 Comparator
 - 7.4.1 Overview
 - 7.4.2 Comparator: Amplifier and Comparator Market Revenue and Forecast To 2030 (US\$ Million)

8. EUROPE AMPLIFIER AND COMPARATOR MARKET REVENUE AND FORECAST TO 2030 – APPLICATION

- 8.1 Overview
- 8.2 Amplifier and Comparator Market, By Application (2022 and 2030)
- 8.3 Industrial Sector
 - 8.3.1 Overview
 - 8.3.2 Industrial Sector: Amplifier and Comparator Market Revenue and Forecast To 2030 (US\$ Million)
- 8.4 Communications Sector
 - 8.4.1 Overview
 - 8.4.2 Communications Sector: Amplifier and Comparator Market Revenue and Forecast To 2030 (US\$ Million)
- 8.5 Computing Devices
 - 8.5.1 Overview
 - 8.5.2 Computing Devices: Amplifier and Comparator Market Revenue and Forecast To 2030 (US\$ Million)
- 8.6 Consumer Electronics Devices
 - 8.6.1 Overview
 - 8.6.2 Consumer Electronics Devices: Amplifier and Comparator Market Revenue and Forecast To 2030 (US\$ Million)
- 8.7 Automotive

8.7.1 Overview

8.7.2 Automotive: Amplifier and Comparator Market Revenue and Forecast To 2030 (US\$ Million)

8.8 Military and Aerospace

8.8.1 Overview

8.8.2 Military and Aerospace: Amplifier and Comparator Market Revenue and Forecast To 2030 (US\$ Million)

8.9 Others

8.9.1 Overview

8.9.2 Others: Amplifier and Comparator Market Revenue and Forecast To 2030 (US\$ Million)

9. EUROPE AMPLIFIER AND COMPARATOR MARKET– BY COUNTRY ANALYSIS

9.1 Europe: Amplifier and Comparator Market

9.1.1 Europe: Amplifier and Comparator Market, by Key Country

9.1.1.1 Germany: Amplifier and Comparator Market– Revenue and Forecast to 2030 (US\$ Million)

9.1.1.1.1 Germany: Amplifier and Comparator Market, By Type

9.1.1.1.2 Germany: Amplifier and Comparator Market, By Application

9.1.1.2 France: Amplifier and Comparator Market– Revenue and Forecast to 2030 (US\$ Million)

9.1.1.2.1 France: Amplifier and Comparator Market, By Type

9.1.1.2.2 France: Amplifier and Comparator Market, By Application

9.1.1.3 Italy: Amplifier and Comparator Market– Revenue and Forecast to 2030 (US\$ Million)

9.1.1.3.1 Italy: Amplifier and Comparator Market, By Type

9.1.1.3.2 Italy: Amplifier and Comparator Market, By Application

9.1.1.4 UK: Amplifier and Comparator Market– Revenue and Forecast to 2030 (US\$ Million)

9.1.1.4.1 UK: Amplifier and Comparator Market, By Type

9.1.1.4.2 UK: Amplifier and Comparator Market, By Application

9.1.1.5 Russia: Amplifier and Comparator Market– Revenue and Forecast to 2030 (US\$ Million)

9.1.1.5.1 Russia: Amplifier and Comparator Market, By Type

9.1.1.5.2 Russia: Amplifier and Comparator Market, By Application

9.1.1.6 Rest of Europe: Amplifier and Comparator Market– Revenue and Forecast to 2030 (US\$ Million)

9.1.1.6.1 Rest of Europe: Amplifier and Comparator Market, By Type

9.1.1.6.2 Rest of Europe: Amplifier and Comparator Market, By Application

10. INDUSTRY LANDSCAPE

- 10.1 Overview
- 10.2 Market Initiative
- 10.3 Product Development
- 10.4 Mergers & Acquisitions

11. COMPANY PROFILES

- 11.1 Analog Devices Inc
 - 11.1.1 Key Facts
 - 11.1.2 Business Description
 - 11.1.3 Products and Services
 - 11.1.4 Financial Overview
 - 11.1.5 SWOT Analysis
 - 11.1.6 Key Developments
- 11.2 Broadcom Inc
 - 11.2.1 Key Facts
 - 11.2.2 Business Description
 - 11.2.3 Products and Services
 - 11.2.4 Financial Overview
 - 11.2.5 SWOT Analysis
 - 11.2.6 Key Developments
- 11.3 STMicroelectronics NV
 - 11.3.1 Key Facts
 - 11.3.2 Business Description
 - 11.3.3 Products and Services
 - 11.3.4 Financial Overview
 - 11.3.5 SWOT Analysis
 - 11.3.6 Key Developments
- 11.4 Microchip Technology Inc
 - 11.4.1 Key Facts
 - 11.4.2 Business Description
 - 11.4.3 Products and Services
 - 11.4.4 Financial Overview
 - 11.4.5 SWOT Analysis
 - 11.4.6 Key Developments

- 11.5 NXP Semiconductors NV
 - 11.5.1 Key Facts
 - 11.5.2 Business Description
 - 11.5.3 Products and Services
 - 11.5.4 Financial Overview
 - 11.5.5 SWOT Analysis
 - 11.5.6 Key Developments
- 11.6 On Semiconductor Corp
 - 11.6.1 Key Facts
 - 11.6.2 Business Description
 - 11.6.3 Products and Services
 - 11.6.4 Financial Overview
 - 11.6.5 SWOT Analysis
 - 11.6.6 Key Developments
- 11.7 Renesas Electronics Corp
 - 11.7.1 Key Facts
 - 11.7.2 Business Description
 - 11.7.3 Products and Services
 - 11.7.4 Financial Overview
 - 11.7.5 SWOT Analysis
 - 11.7.6 Key Developments
- 11.8 Skyworks Solutions Inc
 - 11.8.1 Key Facts
 - 11.8.2 Business Description
 - 11.8.3 Products and Services
 - 11.8.4 Financial Overview
 - 11.8.5 SWOT Analysis
 - 11.8.6 Key Developments
- 11.9 Texas Instruments Inc
 - 11.9.1 Key Facts
 - 11.9.2 Business Description
 - 11.9.3 Products and Services
 - 11.9.4 Financial Overview
 - 11.9.5 SWOT Analysis
 - 11.9.6 Key Developments
- 11.10 ABLIC Inc
 - 11.10.1 Key Facts
 - 11.10.2 Business Description
 - 11.10.3 Products and Services

11.10.4 Financial Overview

11.10.5 SWOT Analysis

11.10.6 Key Developments

12. APPENDIX

12.1 About The Insight Partners

12.2 Word Index

List Of Tables

LIST OF TABLES

- Table 1. Europe Amplifier and Comparator Market, Revenue and Forecast, 2020–2030 (US\$ Million)
- Table 2. Germany: Amplifier and Comparator Market, By Type – Revenue and Forecast to 2030 (US\$ Million)
- Table 3. Germany: Amplifier and Comparator Market, By Application – Revenue and Forecast to 2030 (US\$ Million)
- Table 4. France: Amplifier and Comparator Market, By Type – Revenue and Forecast to 2030 (US\$ Million)
- Table 5. France: Amplifier and Comparator Market, By Application – Revenue and Forecast to 2030 (US\$ Million)
- Table 6. Italy: Amplifier and Comparator Market, By Type – Revenue and Forecast to 2030 (US\$ Million)
- Table 7. Italy: Amplifier and Comparator Market, By Application – Revenue and Forecast to 2030 (US\$ Million)
- Table 8. UK: Amplifier and Comparator Market, By Type – Revenue and Forecast to 2030 (US\$ Million)
- Table 9. UK: Amplifier and Comparator Market, By Application – Revenue and Forecast to 2030 (US\$ Million)
- Table 10. Russia: Amplifier and Comparator Market, By Type – Revenue and Forecast to 2030 (US\$ Million)
- Table 11. Russia: Amplifier and Comparator Market, By Application – Revenue and Forecast to 2030 (US\$ Million)
- Table 12. Rest of Europe: Amplifier and Comparator Market, By Type – Revenue and Forecast to 2030 (US\$ Million)
- Table 13. Rest of Europe: Amplifier and Comparator Market, By Application – Revenue and Forecast to 2030 (US\$ Million)
- Table 14. List of Abbreviation

List Of Figures

LIST OF FIGURES

- Figure 1. Europe Amplifier and Comparator Market Segmentation
- Figure 2. Europe Amplifier and Comparator Market Segmentation – by Country
- Figure 3. Europe Amplifier and Comparator Market Overview
- Figure 4. Europe Amplifier and Comparator Market, By Type
- Figure 5. Europe: PEST Analysis
- Figure 6. Europe Amplifier and Comparator Market Ecosystem Analysis
- Figure 7. Europe Expert Opinion
- Figure 8. Europe Amplifier and Comparator Market: Impact Analysis of Drivers and Restraints
- Figure 9. Europe Amplifier and Comparator Market, Forecast and Analysis (US\$ Million)
- Figure 10. Europe Amplifier and Comparator Market, By Type (2022 and 2030)
- Figure 11. Amplifier: Europe Amplifier and Comparator Market Revenue and Forecast to 2030 (US\$ Million)
- Figure 12. Comparator: Europe Amplifier and Comparator Market Revenue and Forecast to 2030 (US\$ Million)
- Figure 13. Europe Amplifier and Comparator Market, By Application (2022 and 2030)
- Figure 14. Industrial Sector: Europe Amplifier and Comparator Market Revenue and Forecast to 2030 (US\$ Million)
- Figure 15. Communications Sector: Europe Amplifier and Comparator Market Revenue and Forecast to 2030 (US\$ Million)
- Figure 16. Computing Devices: Europe Amplifier and Comparator Market Revenue and Forecast to 2030 (US\$ Million)
- Figure 17. Consumer Electronics Devices: Europe Amplifier and Comparator Market Revenue and Forecast to 2030 (US\$ Million)
- Figure 18. Automotive: Europe Amplifier and Comparator Market Revenue and Forecast to 2030 (US\$ Million)
- Figure 19. Military and Aerospace: Europe Amplifier and Comparator Market Revenue and Forecast to 2030 (US\$ Million)
- Figure 20. Others: Europe Amplifier and Comparator Market Revenue and Forecast to 2030 (US\$ Million)
- Figure 21. Europe: Amplifier and Comparator Market, by Key Country – Revenue (2022) (US\$ Million)
- Figure 22. Europe: Amplifier and Comparator Revenue Share, by Key Country (2022 and 2030)
- Figure 23. Germany: Amplifier and Comparator Market– Revenue and Forecast to 2030

(US\$ Million)

Figure 24. France: Amplifier and Comparator Market– Revenue and Forecast to 2030

(US\$ Million)

Figure 25. Italy: Amplifier and Comparator Market– Revenue and Forecast to 2030 (US\$ Million)

Figure 26. UK: Amplifier and Comparator Market– Revenue and Forecast to 2030 (US\$ Million)

Figure 27. Russia: Amplifier and Comparator Market– Revenue and Forecast to 2030 (US\$ Million)

Figure 28. Rest of Europe: Amplifier and Comparator Market– Revenue and Forecast to 2030 (US\$ Million)

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