

# **Europe Current Sense Amplifier Market Forecast to 2030 – COVID-19 Impact and Regional Analysis – by Sensing Type (High-side Sensing and Low-side Sensing), Current Direction (Unidirectional and Bidirectional), and End User (Electronics, Automotive, Telecommunications, Industrial, and Others)**

<https://marketpublishers.com/r/E069FA75BFA4EN.html>

Date: August 2023

Pages: 146

Price: US\$ 3,000.00 (Single User License)

ID: E069FA75BFA4EN

## **Abstracts**

The Europe current sense amplifier market is expected to grow from US\$ 753.14 million in 2023 to US\$ 1,150.88 million by 2030. It is estimated to grow at a CAGR of 6.2% from 2023 to 2030.

Growing use of Current Sensing Amplifiers in Telecommunication Infrastructure Drive Europe Current Sense Amplifier Market

The rising demand for strong connectivity across the world fuels the need for advanced telecommunication infrastructure. As telecom infrastructure serves as the foundation for modern digital economies, there is a growing need for its development. A strong telecom infrastructure can help governments of different countries at national and international levels to achieve economic growth, digital inclusion, social mobility, and environmental objectives. Thus, the demand for 5G is increasing worldwide for strong connectivity. According to GSMA, in 2022, there was 17% of 5G penetration across the world, which is expected to reach 54% by 2030.

As 5G is the critical new-generation network technology that can enable innovation and support digital transformation, its demand is increasing across the world. Therefore, the governments of various countries are investing in 5G infrastructure. In July 2021, the government of France announced its plan to invest about US\$ 2.06 billion (EUR 1.7

billion) in its 5G market by 2025 via public and private investments. Through this, the government aims to accelerate the development of 5G in the country. Thus, such growing investments in 5G infrastructure raise the demand for current sensing amplifiers as it is used in telecom infrastructure equipment such as networking devices, modems, routers, and others, where there is a need for current monitoring and current control loops. Thus, the growing telecom infrastructure is fueling the growth of the Europe current sense amplifier market .

## Europe Current Sense Amplifier Market Overview

The Europe current sense amplifier market is segmented into Germany, France, Spain, the UK, Italy, and the Rest of Europe. The automotive sector is driving the market growth in the region, as current sense amplifiers are used to manage the flow of power in batteries, motors, and other automobile components. It is one of Europe's largest sectors, representing over 7% of the region's GDP. The presence of established car manufacturers and an increase in the development and sales of electric vehicles are a few other factors expected to boost the demand for current sense amplifiers in the coming years. Also, governments of various countries in the region are taking various initiatives for the growth of the automotive industry. For instance, in 2020, the UK government awarded US\$ 57.87 million for various low-carbon automotive projects, including electric vehicle manufacturing. Similarly, in October 2022, European Union announced that they will ban new non-electric cars from 2035 onward, as well as set a target for carmakers to achieve 100% carbon dioxide emission reduction by 2035.

Moreover, in telecom infrastructure, current sense amplifiers are used in infrastructural equipment to manage the power flow. The growing expansion of telecom infrastructure in Europe due to the growing adoption of 5G and FTTH is further fueling the market growth. According to the European Telecommunications Network Operators' Association (ETNO), in 2021, in Europe, the total telecom capital expenditure (CapEx) reached US\$ 63.75 billion (EUR 56.3 billion). Furthermore, various tech companies also invested approximately US\$ 1.13 billion (EUR 1 billion) in infrastructures, including large international and undersea routes, peering, transit, and caching, and ~US\$ 18.11 billion (EUR 16 billion) in data centers. In addition, by the end of 2022, ~55.6% of the European population had access to FTTH networks, which increased from 50% in 2021. Similarly, 73% of Europeans used 5G in 2022, up from 62% in 2021. Thus, the growing automotive and telecommunication sectors are fueling the growth of the Europe current sense amplifier market.

## Europe Current Sense Amplifier Market Revenue and Forecast to 2030 (US\$ Million)

## Europe Current sense amplifier market Segmentation

The Europe current sense amplifier market is segmented into sensing type, current direction, end user, and country.

Based on sensing type, the Europe current sense amplifier market is bifurcated into high-side sensing and low-side sensing. In 2023, the high-side sensing segment registered a larger share in the Europe current sense amplifier market.

Based on current direction, the Europe current sense amplifier market is bifurcated into unidirectional and bidirectional. In 2023, the bidirectional segment registered a larger share in the Europe current sense amplifier market.

Based on end-use, the Europe current sense amplifier market is segmented into electronics, automotive, telecommunications, industrial, and others. In 2023, the electronics segment registered a largest share in the Europe current sense amplifier market.

Based on country, the Europe current sense amplifier market is segmented into Germany, France, Italy, the UK, Russia, and the Rest of Europe. In 2023, Germany segment registered a largest share in the Europe current sense amplifier market.

Analog Devices Inc; Microchip Technology Inc; Monolithic Power Systems Inc; On Semiconductor Corp; Renesas Electronics Corp; ROHM Co Ltd; Semtech Corp; SG Micro Corp; STMicroelectronics NV; and Texas Instruments Inc are the leading companies operating in the Europe current sense amplifier 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 CURRENT SENSE AMPLIFIER MARKET LANDSCAPE**

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

### **5. EUROPE CURRENT SENSE AMPLIFIER MARKET- KEY MARKET DYNAMICS**

- 5.1 Market Drivers
  - 5.1.1 Growing Consumer Electronics Industry
  - 5.1.2 Growing use of Current Sensing Amplifiers in Telecommunication Infrastructure
- 5.2 Key Market Restraints
  - 5.2.1 Shortage of Skilled Labors
- 5.3 Key Market Opportunities
  - 5.3.1 Rising Demand for Current Sensing Amplifiers for Renewable Energy
- 5.4 Future Trends
  - 5.4.1 Rising demand for Electric Vehicles
- 5.5 Impact Analysis of Drivers and Restraints

### **6. CURRENT SENSE AMPLIFIER MARKET– EUROPE MARKET ANALYSIS**

- 6.1 Europe Current Sense Amplifier Market Global Overview

## 6.2 Europe Current Sense Amplifier Market Forecast and Analysis

### **7. EUROPE CURRENT SENSE AMPLIFIER MARKET REVENUE AND FORECAST TO 2030 – SENSING TYPE**

#### 7.1 Overview

#### 7.2 Europe Current Sense Amplifier Market, By Sensing Type (2022 and 2030)

#### 7.3 High-side Sensing

##### 7.3.1 Overview

##### 7.3.2 High-side Sensing: Europe Current Sense Amplifier Market Revenue and Forecast To 2030 (US\$ Million)

#### 7.4 Low-side Sensing

##### 7.4.1 Overview

##### 7.4.2 Low-side Sensing: Europe Current Sense Amplifier Market Revenue and Forecast To 2030 (US\$ Million)

### **8. EUROPE CURRENT SENSE AMPLIFIER MARKET REVENUE AND FORECAST TO 2030 – CURRENT DIRECTION**

#### 8.1 Overview

#### 8.2 Europe Current Sense Amplifier Market, By Current Direction (2022 and 2030)

#### 8.3 Unidirectional

##### 8.3.1 Overview

##### 8.3.2 Unidirectional: Europe Current Sense Amplifier Market Revenue and Forecast To 2030 (US\$ Million)

#### 8.4 Bidirectional

##### 8.4.1 Overview

##### 8.4.2 Bidirectional: Europe Current Sense Amplifier Market Revenue and Forecast To 2030 (US\$ Million)

### **9. EUROPE CURRENT SENSE AMPLIFIER MARKET – BY END USER**

#### 9.1 Overview

#### 9.2 Europe Current Sense Amplifier Market, by End User (2022 and 2030)

#### 9.3 Electronics

##### 9.3.1 Overview

##### 9.3.2 Electronics: Europe Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)

#### 9.4 Automotive

#### 9.4.1 Overview

9.4.2 Automotive: Europe Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)

### 9.5 Telecommunications

#### 9.5.1 Overview

9.5.2 Telecommunications: Europe Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)

### 9.6 Industrial

#### 9.6.1 Overview

9.6.2 Industrial: Europe Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)

### 9.7 Others

#### 9.7.1 Overview

9.7.2 Others: Europe Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)

## 10. EUROPE CURRENT SENSE AMPLIFIER MARKET– COUNTRY ANALYSIS

### 10.1 Overview

#### 10.1.1 Europe Current Sense Amplifier Market, by Key Country

10.1.1.1 Germany: Current Sense Amplifier Market– Revenue and Forecast to 2030 (US\$ Million)

10.1.1.1.1 Germany: Current Sense Amplifier Market, By Sensing Type

10.1.1.1.2 Germany: Current Sense Amplifier Market, By Current Direction

10.1.1.1.3 Germany: Current Sense Amplifier Market, By End User

10.1.1.2 France: Current Sense Amplifier Market– Revenue and Forecast to 2030 (US\$ Million)

10.1.1.2.1 France: Current Sense Amplifier Market, By Sensing Type

10.1.1.2.2 France: Current Sense Amplifier Market, By Current Direction

10.1.1.2.3 France: Current Sense Amplifier Market, By End User

10.1.1.3 Italy: Current Sense Amplifier Market– Revenue and Forecast to 2030 (US\$ Million)

10.1.1.3.1 Italy: Current Sense Amplifier Market, By Sensing Type

10.1.1.3.2 Italy: Current Sense Amplifier Market, By Current Direction

10.1.1.3.3 Italy: Current Sense Amplifier Market, By End User

10.1.1.4 UK: Current Sense Amplifier Market– Revenue and Forecast to 2030 (US\$ Million)

10.1.1.4.1 UK: Current Sense Amplifier Market, By Sensing Type

10.1.1.4.2 UK: Current Sense Amplifier Market, By Current Direction

10.1.1.4.3 UK: Current Sense Amplifier Market, By End User

10.1.1.5 Russia: Current Sense Amplifier Market– Revenue and Forecast to 2030  
(US\$ Million)

10.1.1.5.1 Russia: Current Sense Amplifier Market, By Sensing Type

10.1.1.5.2 Russia: Current Sense Amplifier Market, By Current Direction

10.1.1.5.3 Russia: Current Sense Amplifier Market, By End User

10.1.1.6 Rest of Europe: Current Sense Amplifier Market– Revenue and Forecast to 2030 (US\$ Million)

10.1.1.6.1 Rest of Europe: Current Sense Amplifier Market, By Sensing Type

10.1.1.6.2 Rest of Europe: Current Sense Amplifier Market, By Current Direction

10.1.1.6.3 Rest of Europe: Current Sense Amplifier Market, By End User

## **11. INDUSTRY LANDSCAPE**

11.1 Overview

11.2 Market Initiative

11.3 Product Development

## **12. COMPANY PROFILES**

12.1 Analog Devices Inc

12.1.1 Key Facts

12.1.2 Business Description

12.1.3 Products and Services

12.1.4 Financial Overview

12.1.5 SWOT Analysis

12.1.6 Key Developments

12.2 Microchip Technology Inc

12.2.1 Key Facts

12.2.2 Business Description

12.2.3 Products and Services

12.2.4 Financial Overview

12.2.5 SWOT Analysis

12.2.6 Key Developments

12.3 SG Micro Corp

12.3.1 Key Facts

12.3.2 Business Description

12.3.3 Products and Services

12.3.4 Financial Overview

- 12.3.5 SWOT Analysis
- 12.3.6 Key Developments
- 12.4 Renesas Electronics Corp
  - 12.4.1 Key Facts
  - 12.4.2 Business Description
  - 12.4.3 Products and Services
  - 12.4.4 Financial Overview
  - 12.4.5 SWOT Analysis
  - 12.4.6 Key Developments
- 12.5 ROHM Co Ltd
  - 12.5.1 Key Facts
  - 12.5.2 Business Description
  - 12.5.3 Products and Services
  - 12.5.4 Financial Overview
  - 12.5.5 SWOT Analysis
  - 12.5.6 Key Developments
- 12.6 On Semiconductor Corp
  - 12.6.1 Key Facts
  - 12.6.2 Business Description
  - 12.6.3 Products and Services
  - 12.6.4 Financial Overview
  - 12.6.5 SWOT Analysis
  - 12.6.6 Key Developments
- 12.7 Monolithic Power Systems Inc
  - 12.7.1 Key Facts
  - 12.7.2 Business Description
  - 12.7.3 Products and Services
  - 12.7.4 Financial Overview
  - 12.7.5 SWOT Analysis
  - 12.7.6 Key Developments
- 12.8 Semtech Corp
  - 12.8.1 Key Facts
  - 12.8.2 Business Description
  - 12.8.3 Products and Services
  - 12.8.4 Financial Overview
  - 12.8.5 SWOT Analysis
  - 12.8.6 Key Developments
- 12.9 STMicroelectronics NV
  - 12.9.1 Key Facts



- 12.9.2 Business Description
- 12.9.3 Products and Services
- 12.9.4 Financial Overview
- 12.9.5 SWOT Analysis
- 12.9.6 Key Developments
- 12.10 Texas Instruments Inc
  - 12.10.1 Key Facts
  - 12.10.2 Business Description
  - 12.10.3 Products and Services
  - 12.10.4 Financial Overview
  - 12.10.5 SWOT Analysis
  - 12.10.6 Key Developments

## **13. APPENDIX**

- 13.1 About The Insight Partners
- 13.2 Word Index

## List Of Tables

### LIST OF TABLES

Table 1. Europe Current Sense Amplifier Market, Revenue and Forecast, 2020–2030 (US\$ Million)

Table 2. Germany: Current Sense Amplifier Market, By Sensing Type– Revenue and Forecast to 2030 (US\$ Million)

Table 3. Germany: Current Sense Amplifier Market, By Current Direction– Revenue and Forecast to 2030 (US\$ Million)

Table 4. Germany: Current Sense Amplifier Market, By End User– Revenue and Forecast to 2030 (US\$ Million)

Table 5. France: Current Sense Amplifier Market, By Sensing Type– Revenue and Forecast to 2030 (US\$ Million)

Table 6. France: Current Sense Amplifier Market, By Current Direction– Revenue and Forecast to 2030 (US\$ Million)

Table 7. France: Current Sense Amplifier Market, By End User– Revenue and Forecast to 2030 (US\$ Million)

Table 8. Italy: Current Sense Amplifier Market, By Sensing Type– Revenue and Forecast to 2030 (US\$ Million)

Table 9. Italy: Current Sense Amplifier Market, By Current Direction – Revenue and Forecast to 2030 (US\$ Million)

Table 10. Italy: Current Sense Amplifier Market, By End User– Revenue and Forecast to 2030 (US\$ Million)

Table 11. UK: Current Sense Amplifier Market, By Sensing Type– Revenue and Forecast to 2030 (US\$ Million)

Table 12. UK: Current Sense Amplifier Market, By Current Direction – Revenue and Forecast to 2030 (US\$ Million)

Table 13. UK: Current Sense Amplifier Market, By End User– Revenue and Forecast to 2030 (US\$ Million)

Table 14. Russia: Current Sense Amplifier Market, By Sensing Type– Revenue and Forecast to 2030 (US\$ Million)

Table 15. Russia: Current Sense Amplifier Market, By Current Direction – Revenue and Forecast to 2030 (US\$ Million)

Table 16. Russia: Current Sense Amplifier Market, By End User – Revenue and Forecast to 2030 (US\$ Million)

Table 17. Rest of Europe: Current Sense Amplifier Market, By Sensing Type– Revenue and Forecast to 2030 (US\$ Million)

Table 18. Rest of Europe: Current Sense Amplifier Market, By Current Direction–

Revenue and Forecast to 2030 (US\$ Million)

Table 19. Rest of Europe: Current Sense Amplifier Market, By End User– Revenue and Forecast to 2030 (US\$ Million)

Table 20. List of Abbreviation

## List Of Figures

### LIST OF FIGURES

- Figure 1. Europe Current Sense Amplifier Market Segmentation
- Figure 2. Europe Current Sense Amplifier Market Segmentation – Country
- Figure 3. Europe Current Sense Amplifier Market Overview
- Figure 4. Europe Current Sense Amplifier Market, By Sensing Type
- Figure 5. Europe Current Sense Amplifier Market, By Country
- Figure 6. Europe: PEST Analysis
- Figure 7. Europe Current Sense Amplifier Market Ecosystem Analysis
- Figure 8. Expert Opinion
- Figure 9. Europe Current Sense Amplifier Market: Impact Analysis of Drivers and Restraints
- Figure 10. Europe Current Sense Amplifier Market, Forecast and Analysis (US\$ Million)
- Figure 11. Europe Current Sense Amplifier Market, By Sensing Type (2022 and 2030)
- Figure 12. High-side Sensing: Europe Current Sense Amplifier Market Revenue and Forecast to 2030 (US\$ Million)
- Figure 13. Low-side Sensing: Europe Current Sense Amplifier Market Revenue and Forecast to 2030 (US\$ Million)
- Figure 14. Europe Current Sense Amplifier Market, By Current Direction (2022 and 2030)
- Figure 15. Unidirectional: Europe Current Sense Amplifier Market Revenue and Forecast to 2030 (US\$ Million)
- Figure 16. Bidirectional: Europe Current Sense Amplifier Market Revenue and Forecast to 2030 (US\$ Million)
- Figure 17. Europe Current Sense Amplifier Market Revenue Share, by Boat Type (2022 and 2030)
- Figure 18. Electronics: Europe Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 19. Automotive: Europe Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 20. Telecommunications: Europe Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 21. Industrial: Europe Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 22. Recreational: Europe Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 23. Europe Current Sense Amplifier Market, by Key Country - Revenue (2022)

(US\$ Million)

Figure 24. Europe Current Sense Amplifier Market Revenue Share, by Key Country (2022 and 2030)

Figure 25. Germany: Current Sense Amplifier Market– Revenue and Forecast to 2030 (US\$ Million)

Figure 26. France: Current Sense Amplifier Market– Revenue and Forecast to 2030 (US\$ Million)

Figure 27. Italy: Current Sense Amplifier Market– Revenue and Forecast to 2030 (US\$ Million)

Figure 28. UK: Current Sense Amplifier Market– Revenue and Forecast to 2030 (US\$ Million)

Figure 29. Russia: Current Sense Amplifier Market– Revenue and Forecast to 2030 (US\$ Million)

Figure 30. Rest of Europe: Current Sense Amplifier Market– Revenue and Forecast to 2030 (US\$ Million)

## I would like to order

Product name: Europe Current Sense Amplifier Market Forecast to 2030 – COVID-19 Impact and Regional Analysis – by Sensing Type (High-side Sensing and Low-side Sensing), Current Direction (Unidirectional and Bidirectional), and End User (Electronics, Automotive, Telecommunications, Industrial, and Others)

Product link: <https://marketpublishers.com/r/E069FA75BFA4EN.html>

Price: US\$ 3,000.00 (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/E069FA75BFA4EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970