

# **Middle East & Africa 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/M287E8ED44C7EN.html>

Date: August 2023

Pages: 109

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

ID: M287E8ED44C7EN

## **Abstracts**

The Middle East & Africa current sense amplifier market is expected to grow from US\$ 134.63 million in 2023 to US\$ 173.89 million by 2030. It is estimated to grow at a CAGR of 3.7% from 2023 to 2030.

### **Growing Consumer Electronics Industry Drive Middle East & Africa Current Sense Amplifier Market**

The demand for consumer electronics devices such as laptops, headphones, tablets, and smartphones continued to rise after the COVID-19 pandemic due to the flourishing work-from-home and learn-from-home trends and the increasing use of indoor entertainment devices. The need to closely monitor electronic devices has increased as energy efficiency and safety have become major concerns. In consumer electronics, current sense amplifiers are used extensively for power management. The amplifiers help to solve the problems of estimating the remaining battery life and implementing protection for the battery charging circuit. Due to the rising number of features continuously incorporated into electronic devices, their design is becoming complex. Here, current sense amplifiers help to solve the challenge by providing the space and power to accommodate each function.

According to the Groupe Speciale Mobile Association (GSMA), in 2022, smartphone adoption across the world was 76%, totaling 6.4 billion smartphone connections. Further, smartphone adoption is expected to rise to 92% by 2030, making it 9 billion globally. Also, the number of mobile subscribers will increase from around 5.4 billion in 2022 to 6.3 billion by 2030. In addition, Sub-Saharan Africa, an underpenetrated market, had 51% smartphone adoption rate in 2022, which will increase to 87% by 2030. Moreover, the rising smartphone adoption worldwide pushes market players to boost smartphone production. In March 2023, Apple reported smartphone shipments growth of 65% year-on-year (YoY) in volume and around two times in value. This increase was mainly driven by the rise in the demand for premium phones. Thus, the growing adoption and shipment of smartphones are fueling the growth of the consumer electronic industry, driving the Middle East & Africa current sense amplifier market growth.

### Middle East & Africa Current Sense Amplifier Market Overview

The Middle East & Africa current sense amplifier market in the Middle East & Africa (MEA) is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of the Middle East & Africa. The current sense amplifiers are used for power management of telecom infrastructure and equipment. The market growth in the region is attributed to the growing telecom industry due to the rising demand for 5G. According to GSMA, in 2022, in the Middle East & North Africa, the 4G adoption was 48%, and 5G adoption was 3%; further, 5G adoption is expected to reach 47% by 2030 in the region. Furthermore, according to the same report, 5G adoption in Sub-Saharan Africa, which is one of the 5G emerging markets, is expected to reach 16% by 2030. Furthermore, according to Nokia's MEA mobile broadband index, in the GCC, 5G subscribers are estimated to grow by 78 million from 2022 to 2027, where Saudi Arabia is expected to contribute more than 60% of new subscribers. In addition, the GCC is one of the most mature markets of the 5G device ecosystem, with ~20% of smartphones having 5G capability. Thus, the growing 5G adoption in the region is expected to raise the demand for current sense amplifiers, creating an opportunity for the growth of the Middle East & Africa current sense amplifier market.

Middle East & Africa Current sense amplifier market Revenue and Forecast to 2030 (US\$ Million)

### Middle East & Africa Current Sense Amplifier Market Segmentation

The Middle East & Africa current sense amplifier market is segmented into sensing

type, current direction, end user, and country.

Based on sensing type, the Middle East & Africa 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 Middle East & Africa current sense amplifier market.

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

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

Based on country, the Middle East & Africa current sense amplifier market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. In 2023, South Africa segment registered a largest share in the Middle East & Africa current sense amplifier market.

Analog Devices Inc; Microchip Technology Inc; Renesas Electronics Corp; STMicroelectronics NV; and Texas Instruments Inc are the leading companies operating in the Middle East & Africa 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. MIDDLE EAST & AFRICA CURRENT SENSE AMPLIFIER MARKET LANDSCAPE**

- 4.1 Market Overview
- 4.2 Middle East & Africa PEST Analysis
- 4.3 Ecosystem Analysis
- 4.4 Expert Opinion

### **5. MIDDLE EAST & AFRICA 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– MIDDLE EAST & AFRICA MARKET ANALYSIS**

6.1 Middle East & Africa Current Sense Amplifier Market Global Overview

6.2 Middle East & Africa Current Sense Amplifier Market Forecast and Analysis

## **7. MIDDLE EAST & AFRICA CURRENT SENSE AMPLIFIER MARKET REVENUE AND FORECAST TO 2030 – SENSING TYPE**

7.1 Overview

7.2 Middle East & Africa 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: Middle East & Africa 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: Middle East & Africa Current Sense Amplifier Market Revenue and Forecast To 2030 (US\$ Million)

## **8. MIDDLE EAST & AFRICA CURRENT SENSE AMPLIFIER MARKET REVENUE AND FORECAST TO 2030 – CURRENT DIRECTION**

8.1 Overview

8.2 Middle East & Africa Current Sense Amplifier Market, By Current Direction (2022 and 2030)

8.3 Unidirectional

8.3.1 Overview

8.3.2 Unidirectional: Middle East & Africa Current Sense Amplifier Market Revenue and Forecast To 2030 (US\$ Million)

8.4 Bidirectional

8.4.1 Overview

8.4.2 Bidirectional: Middle East & Africa Current Sense Amplifier Market Revenue and Forecast To 2030 (US\$ Million)

## **9. MIDDLE EAST & AFRICA CURRENT SENSE AMPLIFIER MARKET – BY END USER**

9.1 Overview

9.2 Middle East & Africa Current Sense Amplifier Market, by End User (2022 and 2030)

### 9.3 Electronics

#### 9.3.1 Overview

9.3.2 Electronics: Middle East & Africa Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)

### 9.4 Automotive

#### 9.4.1 Overview

9.4.2 Automotive: Middle East & Africa Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)

### 9.5 Telecommunications

#### 9.5.1 Overview

9.5.2 Telecommunications: Middle East & Africa Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)

### 9.6 Industrial

#### 9.6.1 Overview

9.6.2 Industrial: Middle East & Africa Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)

### 9.7 Others

#### 9.7.1 Overview

9.7.2 Others: Middle East & Africa Current Sense Amplifier Market – Revenue and Forecast to 2030 (US\$ Million)

## **10. MIDDLE EAST & AFRICA CURRENT SENSE AMPLIFIER MARKET– COUNTRY ANALYSIS**

### 10.1 Overview

#### 10.1.1 Middle East and Africa Current Sense Amplifier Market, by Key Country

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

10.1.1.1.1 South Africa: Current Sense Amplifier Market, By Sensing Type

10.1.1.1.2 South Africa: Current Sense Amplifier Market, By Current Direction

10.1.1.1.3 South Africa: Current Sense Amplifier Market, By End User

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

10.1.1.2.1 Saudi Arabia: Current Sense Amplifier Market, By Sensing Type

10.1.1.2.2 Saudi Arabia: Current Sense Amplifier Market, By Current Direction

10.1.1.2.3 Saudi Arabia: Current Sense Amplifier Market, By End User

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

10.1.1.3.1 UAE: Current Sense Amplifier Market, By Sensing Type

- 10.1.1.3.2 UAE: Current Sense Amplifier Market, By Current Direction
- 10.1.1.3.3 UAE: Current Sense Amplifier Market, By End User
- 10.1.1.4 Rest of MEA: Current Sense Amplifier Market– Revenue and Forecast to 2030 (US\$ Million)
  - 10.1.1.4.1 Rest of MEA: Current Sense Amplifier Market, By Sensing Type
  - 10.1.1.4.2 Rest of MEA: Current Sense Amplifier Market, By Current Direction
  - 10.1.1.4.3 Rest of MEA: 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 Renesas Electronics 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 ROHM Co Ltd
  - 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 STMicroelectronics NV
  - 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 Texas Instruments Inc
  - 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

## **13. APPENDIX**

- 13.1 About The Insight Partners
- 13.2 Word Index



## List Of Tables

### LIST OF TABLES

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 14. List of Abbreviation

## List Of Figures

### LIST OF FIGURES

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

Revenue and Forecast to 2030 (US\$ Million)

Figure 23. Middle East and Africa Current Sense Amplifier Market, By Key Country - Revenue (2022) (US\$ Million)

Figure 24. Middle East and Africa Current Sense Amplifier Market Revenue Share, By Key Country (2022 and 2030)

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

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

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

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

## I would like to order

Product name: Middle East & Africa 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/M287E8ED44C7EN.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/M287E8ED44C7EN.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