South America 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)

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AVAILABLE LICENSES:

- Single User Price $3000.00
- Site Price $4000.00
- Enterprise Price $5000.00

Report description:

The South America current sense amplifier market is expected to grow from US$ 243.22 million in 2023 to US$ 292.20 million by 2030. It is estimated to grow at a CAGR of 2.7% from 2023 to 2030.

Growing use of Current Sensing Amplifiers in Telecommunication Infrastructure Drive South America 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. 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. 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 South America current sense amplifier market .

South America Current Sense Amplifier Market Overview

The South America current sense amplifier market in SAM is segmented into Brazil, Argentina, and the Rest of South America. Current sense amplifiers are used to manage the flow of power in electric and hybrid vehicles. The automotive industry in SAM is experiencing a shift toward electric vehicle mobility. Most of the global automotive companies, including BMW, BYD, Ford, General Motors, Honda, Hyundai, Kia, Land Rover, and Mercedes-Benz, have established manufacturing operations in the region. The automotive industry accounts for approximately 15% of Brazil's industrial GDP. According to Atradius Collections, in the first six months of 2021, there was a 33% increase in the registration of new passenger cars in Brazil. Similarly, Colombia has also experienced tremendous growth in the automotive industry. According to United Nations Industrial Development Organization, the country's automotive industry represented 6.2% of its industrial GDP in 2020. Also, as per the National Traffic Registry (RUNT) of Colombia, in June 2022, 23,306 new vehicles were registered, which represented an increase of 14.1% compared to June 2021. Thus, the growing automotive industry in these countries is propelling the growth of the SAM current sense amplifier market.

South America Current sense amplifier market Revenue and Forecast to 2030 (US$ Million)

South America Current Sense Amplifier Market Segmentation

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

Based on sensing type, the South America 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 South America current sense amplifier market.

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

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

Based on country, the South America current sense amplifier market is segmented into Brazil, Argentina, and the Rest of South America. In 2023, Brazil segment registered a largest share in the South America current sense amplifier market.

Analog Devices Inc; Microchip Technology Inc; Renesas Electronics Corp; ROHM Co Ltd; Texas Instruments Inc; and STMicroelectronics NV are the leading companies operating in the South America current sense amplifier market.

Table of Contents:

TABLE OF 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. South America Current Sense Amplifier Market Landscape

4.1 Market Overview
4.2 South America PEST Analysis
4.3 Ecosystem Analysis
4.4 Expert Opinion
5. South America 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- South America Market Analysis
6.1 South America Current Sense Amplifier Market Overview
6.2 South America Current Sense Amplifier Market Forecast and Analysis
7. South America Current Sense Amplifier Market Revenue and Forecast to 2030 - Sensing Type
7.1 Overview
7.2 South America 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: South America 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: South America Current Sense Amplifier Market Revenue and Forecast To 2030 (US$ Million)
8. South America Current Sense Amplifier Market Revenue and Forecast to 2030 - Current Direction
8.1 Overview
8.2 South America Current Sense Amplifier Market, By Current Direction (2022 and 2030)
8.3 Unidirectional
8.3.1 Overview
8.3.2 Unidirectional: South America Current Sense Amplifier Market Revenue and Forecast To 2030 (US$ Million)
8.4 Bidirectional
8.4.1 Overview
8.4.2 Bidirectional: South America Current Sense Amplifier Market Revenue and Forecast To 2030 (US$ Million)
9. South America Current Sense Amplifier Market - By End User
9.1 Overview
9.2 South America Current Sense Amplifier Market, by End User (2022 and 2030)
9.3 Electronics
9.3.1 Overview
9.3.2 Electronics: South America Current Sense Amplifier Market - Revenue and Forecast to 2030 (US$ Million)
9.4 Automotive
9.4.1 Overview
9.4.2 Automotive: South America Current Sense Amplifier Market - Revenue and Forecast to 2030 (US$ Million)
9.5 Telecommunications
9.5.1 Overview

9.5.2 Telecommunications: South America Current Sense Amplifier Market - Revenue and Forecast to 2030 (US$ Million)
9.6 Industrial
9.6.1 Overview
9.6.2 Industrial: South America Current Sense Amplifier Market - Revenue and Forecast to 2030 (US$ Million)
9.7 Others
9.7.1 Overview
9.7.2 Others: South America Current Sense Amplifier Market - Revenue and Forecast to 2030 (US$ Million)
10. South America Current Sense Amplifier Market- Country Analysis
10.1 Overview
10.1.1 South America Current Sense Amplifier Market, by Key Country
10.1.1.1 Brazil: Current Sense Amplifier Market- Revenue and Forecast to 2030 (US$ Million)
10.1.1.1.1 Brazil: Current Sense Amplifier Market, By Sensing Type
10.1.1.1.2 Brazil: Current Sense Amplifier Market, By Current Direction
10.1.1.1.3 Brazil: Current Sense Amplifier Market, By End User
10.1.1.2 Argentina: Current Sense Amplifier Market- Revenue and Forecast to 2030 (US$ Million)
10.1.1.2.1 Argentina: Current Sense Amplifier Market, By Sensing Type
10.1.1.2.2 Argentina: Current Sense Amplifier Market, By Current Direction
10.1.1.2.3 Argentina: Current Sense Amplifier Market, By End User
10.1.1.3 Rest of SAM: Current Sense Amplifier Market- Revenue and Forecast to 2030 (US$ Million)
10.1.1.3.1 Rest of SAM: Current Sense Amplifier Market, By Sensing Type
10.1.1.3.2 Rest of SAM: Current Sense Amplifier Market, By Current Direction
10.1.1.3.3 Rest of SAM: 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

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South America 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)

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