

# **Middle East & Africa 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 Middle East & Africa amplifier and comparator market is expected to grow from US\$ 326.76 million in 2023 to US\$ 399.69 million by 2030; it is estimated to grow at a CAGR of 2.9% from 2023 to 2030.

### **Growing Emphasis on Industrial Automation**

Industrial automation is increasing with the need for lower production costs, better quality, and more productivity. Further, advanced robotics, the Internet of Things (IoT), and artificial intelligence are the leading technologies diverting toward industrial automation to automate the overall process without human interference. Automation is essential in industries such as aerospace, automotive, and electronics. Automating several processes helps electronics industries to standardize products as they are produced in bulk. Amplifiers and comparators play a vital role in industrial automation, as high-speed comparators aid in differential line receiver applications, low propagation in variation, and test and measurement systems. Comparators also increase the data through output and optimize the power consumption. Further, the low variation in propagation delays due to input overdrive and its ability to detect narrow pulses make the amplifier and comparator a good option for time-of-flight (ToF) applications such as industrial automation. Thus, the rising popularity of automation in the industrial sector is

creating opportunities for the amplifier and comparator market growth.

## Middle East & Africa Amplifier and Comparator Market Overview

The Middle East & Africa amplifier and comparator market is further segmented into Saudi Arabia, the UAE, South Africa, and the Rest of MEA. Consumer electronics, semiconductors, automotive, and telecommunications are among the prominent industries across the MEA. The growing automotive industry in the MEA propels the demand for amplifiers and comparators to enhance audio systems, power steering, and other vehicle features. According to the Managing Director of Nissan Middle East, in March 2022, Nissan Middle East reported a 9.9% sales increase across the Gulf region in the three quarters of early 2021 compared to 2020. Thus, rising sales of automotive vehicles have increased the demand for amplifiers and comparators, boosting its market in the region.

## Middle East & Africa Amplifier and Comparator Market Revenue and Forecast to 2030 (US\$ Million)

### Middle East & Africa Amplifier and Comparator Market Segmentation

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

Based on application, the Middle East & Africa 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 Middle East & Africa amplifier and comparator market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa. The Rest of Middle East & Africa dominated the Middle East & Africa amplifier and comparator market share in 2023.

Analog Devices Inc; Broadcom Inc; Microchip Technology Inc; NXP Semiconductors; Renesas Electronics Corporation; Skyworks Solutions Inc; STMicroelectronics NV; and Texas Instruments Inc are the leading companies operating in the Middle East & Africa amplifier and comparator market.

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