

**Middle East & Africa Data Converter Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Type (DAC and ADC), Sampling Rates (High Speed Converters and General/Low Speed Converters), Application (Medical, Industrial, Communications, Consumer Electronics, Automotive, and Others), Resolution (10-14 bit, Above 14-20 bit, and Above 20 bit), and Rate of Converter (Below 100Msps, 100-500Msps, Above 500Msps-1Gsps, and Above 1Gsps-3Gsps)**

Market Report | 2022-11-14 | 159 pages | The Insight Partners

**AVAILABLE LICENSES:**

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

**Report description:**

The data converter in Middle East & Africa is expected to grow from US\$ 318.41 million in 2022 to US\$ 446.64 million by 2028. It is estimated to grow at a CAGR of 5.8% from 2022 to 2028.

Increase in Number of Product Launches

The continuously growing demand for data converters has compelled the market players to raise investments in the development of new and innovative product offerings. A few of the major product developments are mentioned as In December 2021, Texas Instruments Incorporated introduced the smallest 24-bit wideband ADC that aids in signal measurement with industry-leading precision at wider bandwidths. The newly launched ADS127L11 helps in achieving ultra-precise data acquisition in a 50% smaller package, significantly optimizing power consumption, resolution, and measurement bandwidth for a wide range of industrial systems. This product of the company can be used in applications such as test and measurement equipment and portable medical devices with improved battery life requirements. In May 2022, Analog Devices, Inc. introduced a new portfolio of next-generation 16-to-24-bit, ultrahigh-precision successive approximation register (SAR) ADCs. This new small AD4630-24 SAR ADC provides high

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accuracy and performance with a wide common mode input range. Such advancements in data converters, supported by high investments from manufacturers to enhance their product portfolios and innovate products as per customer changing requirements, are contributing to the growth of the data converter market.

## Market Overview

The Middle East & Africa data converter market is segmented into Germany, France, the UK, Italy, Russia, and the Rest of Middle East & Africa. The market growth in the region is driven by the rising automotive sector. Automotive is one of the biggest sectors in Middle East & Africa as it represents over 7% of the region's GDP. The increasing development and sales of electric vehicles, and the presence of established car manufacturers and supplier base with strong brand value and technological and financial capabilities would boost the Middle East & Africa data converter market growth in the coming years. Russia is one of the leading providers of raw material required in the manufacturing of semiconductors, however the Russia and Ukraine conflict for some extend has raised the raw material and logistic cost which is weighing down the automotive industry in the region.

## Middle East & Africa Data Converter Market Revenue and Forecast to 2028 (US\$ Million)

### Middle East & Africa Data Converter Market Segmentation

The Middle East & Africa data converter is segmented into type, sampling rates, application , resolution, rate of converter and country.

Based on type, the market is segmented into DAC and ADC. The ADC segment registered the larger market share in 2022. Based on sampling rates ,the market is segmented into high-speed converters and general/low speed converters. The high speed converters segment held the larger market share in 2022. Based on application, the market is segmented into medical, industrial, communications, consumer electronics, automotive, and others. The consumer electronics segment held the larger market share in 2022. Based on resolution , the market is segmented into 10-14 bit, above 14-20 bit, and above 20 bit. The 10-14 bit segment held the larger market share in 2022. Based on rate of converter , the market is segmented into Below 100Msps, 100-500Msps, Above 500Msps-1Gsps, and Above 1Gsps-3Gsps .The Below 100Msps segment held the larger market share in 2022. Based on country, the market is segmented into South Africa , Saudi Arabia , UAE and Rest of Middle East & Africa. Saudi Arabia dominated the market share in 2022. Analog Devices, Inc. ; Microchip Technology Inc. ; NXP Semiconductors ; Renesas Electronics Corporation ; ROHM CO., LTD. ; STMicroelectronics ; Synopsys, Inc. ; Texas Instruments Incorporated ; Omni Design Technologies, Inc. and ON Semiconductor Corporation are the leading companies operating in the data converter in the region.

## 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. Data Converter Market Landscape
  - 4.1 Market Overview

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- 4.2 PEST Analysis
  - 4.2.1 Middle East and Africa - PEST Analysis
- 4.3 Ecosystem Analysis
- 4.4 Expert Opinion
- 5. Middle East & Africa Data Converter Market - Key Market Dynamics
  - 5.1 Market Drivers
    - 5.1.1 Rising Demand for Data Converters in Wireless Communications
    - 5.1.2 Increase in Number of Product Launches
  - 5.2 Market Restraints
    - 5.2.1 Fluctuations in Cost of Raw Materials
  - 5.3 Market Opportunities
    - 5.3.1 Flourishing Automotive Industry
  - 5.4 Future Trends
    - 5.4.1 Demand for High-Resolution Images in Medical Sector
  - 5.5 Impact Analysis of Drivers and Restraints
- 6. Data Converter Market - Middle East & Africa Analysis
  - 6.1 Data Converter Market Middle East & Africa Overview
  - 6.2 Middle East & Africa Data Converter Market - Middle East & Africa Revenue and Forecast to 2028 (US\$ Million)
  - 6.3 Middle East & Africa Data Converter Market Volume Forecast and Analysis
- 7. Middle East & Africa Data Converter Market - By Type
  - 7.1 Overview
  - 7.2 Middle East & Africa Data Converter Market, by Type (2021 and 2028)
  - 7.3 Digital to Analog Converter (DAC)
    - 7.3.1 Overview
    - 7.3.2 Middle East & Africa DAC: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
    - 7.3.3 Middle East & Africa DAC: Data Converter Market Volume and Forecast to 2028 (Million Units)
  - 7.4 Analog to Digital Converter (ADC)
    - 7.4.1 Overview
    - 7.4.2 Middle East & Africa Analog to Digital Converter (ADC): Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
    - 7.4.3 Middle East & Africa ADC: Data Converter Market Volume and Forecast to 2028 (Million Units)
- 8. Middle East & Africa Data Converter Market Analysis - By Sampling Rates
  - 8.1 Overview
  - 8.2 Middle East & Africa Data Converter Market, By Sampling Rates (2021 and 2028)
  - 8.3 High Speed Convertors
    - 8.3.1 Overview
    - 8.3.2 Middle East & Africa High-Speed Convertors: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
  - 8.4 General/Low Speed Convertors
    - 8.4.1 Overview
    - 8.4.2 Middle East & Africa General/Low Speed Convertors: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
- 9. Middle East & Africa Data Converter Market Analysis - By Application
  - 9.1 Overview
  - 9.2 Middle East & Africa Data Converter Market, By Application (2021 and 2028)
  - 9.3 Medical
    - 9.3.1 Overview
    - 9.3.2 Middle East & Africa Medical: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
  - 9.4 Industrial
    - 9.4.1 Overview

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- 9.4.2 Middle East & Africa Industrial: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
- 9.5 Communications
  - 9.5.1 Overview
  - 9.5.2 Middle East & Africa Communications: data converter Market - Revenue and Forecast to 2028 (US\$ Million)
- 9.6 Consumer Electronics
  - 9.6.1 Overview
  - 9.6.2 Middle East & Africa Consumer Electronics: data converter Market - Revenue and Forecast to 2028 (US\$ Million)
- 9.7 Automotive
  - 9.7.1 Overview
  - 9.7.2 Middle East & Africa Automotive: data converter Market - Revenue and Forecast to 2028 (US\$ Million)
- 9.8 Others
  - 9.8.1 Overview
  - 9.8.2 Middle East & Africa Others: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
- 10. Middle East & Africa Data Converter Market Analysis - by Resolution
  - 10.1 Overview
  - 10.2 Middle East & Africa Data Converter Market, by Resolution (2021 and 2028)
    - 10.3-14 bit
      - 10.3.1 Overview
      - 10.3.2 Middle East & Africa 10-14 bit: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
    - 10.4 Above 14-20 bit
      - 10.4.1 Overview
      - 10.4.2 Middle East & Africa Above 14-20 bit: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
    - 10.5 Above 20 bit
      - 10.5.1 Overview
      - 10.5.2 Middle East & Africa Above 20 bit: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
- 11. Middle East & Africa Data Converter Market Analysis - by Rate of Converter
  - 11.1 Overview
  - 11.2 Middle East & Africa Data Converter Market, by Rate of Converter (2021 and 2028)
    - 11.3 Below 100Msps
      - 11.3.1 Overview
      - 11.3.2 Middle East & Africa Below 100Msps: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
    - 11.4 - 500Msps
      - 11.4.1 Overview
      - 11.4.2 Middle East & Africa 100 - 500Msps: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
    - 11.5 Above 500Msps - 1Gsps
      - 11.5.1 Overview
      - 11.5.2 Middle East & Africa Above 500Msps - 1Gsps: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
    - 11.6 Above 1Gsps - 3Gsps
      - 11.6.1 Overview
      - 11.6.2 Middle East & Africa Above 1Gsps - 3Gsps: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
- 12. Middle East & Africa Data Converter Market - Country Analysis
  - 12.1 MEA: Data Converter Market
    - 12.1.1 MEA: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
    - 12.1.2 MEA: Data Converter Market, by Key Country
      - 12.1.2.1 South Africa: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
        - 12.1.2.1.1 South Africa: Data Converter Market, by Type
        - 12.1.2.1.2 South Africa: Data Converter Market, by Sampling Rates

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- 12.1.2.1.3 South Africa: Data Converter Market, by Application
- 12.1.2.1.4 South Africa: Data Converter Market, by Resolution
- 12.1.2.1.5 South Africa: Data Converter Market, by Rate of Converter
- 12.1.2.2 Saudi Arabia: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
- 12.1.2.2.1 Saudi Arabia: Data Converter Market, by Type
- 12.1.2.2.2 Saudi Arabia: Data Converter Market, by Sampling Rates
- 12.1.2.2.3 Saudi Arabia: Data Converter Market, by Application
- 12.1.2.2.4 Saudi Arabia: Data Converter Market, by Resolution
- 12.1.2.2.5 Saudi Arabia: Data Converter Market, by Rate of Converter
- 12.1.2.3 UAE: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
- 12.1.2.3.1 UAE: Data Converter Market, by Type
- 12.1.2.3.2 UAE: Data Converter Market, by Sampling Rates
- 12.1.2.3.3 UAE: Data Converter Market, by Application
- 12.1.2.3.4 UAE: Data Converter Market, by Resolution
- 12.1.2.3.5 UAE: Data Converter Market, by Rate of Converter
- 12.1.2.4 Rest of MEA: Data Converter Market - Revenue and Forecast to 2028 (US\$ Million)
- 12.1.2.4.1 Rest of MEA: Data Converter Market, by Type
- 12.1.2.4.2 Rest of MEA: Data Converter Market, by Sampling Rates
- 12.1.2.4.3 Rest of MEA: Data Converter Market, by Application
- 12.1.2.4.4 Rest of MEA: Data Converter Market, by Resolution
- 12.1.2.4.5 Rest of MEA: Data Converter Market, by Rate of Converter
- 13. Industry Landscape
- 13.1 Overview
- 13.2 Market Initiative
- 13.3 New Development
- 14. Company Profile
- 14.1 Analog Devices, Inc.
- 14.1.1 Key Facts
- 14.1.2 Business Description
- 14.1.3 Products and Services
- 14.1.4 Financial Overview
- 14.1.5 SWOT Analysis
- 14.1.6 Key Developments
- 14.2 Microchip Technology Inc.
- 14.2.1 Key Facts
- 14.2.2 Business Description
- 14.2.3 Products and Services
- 14.2.4 Financial Overview
- 14.2.5 SWOT Analysis
- 14.2.6 Key Developments
- 14.3 NXP Semiconductors
- 14.3.1 Key Facts
- 14.3.2 Business Description
- 14.3.3 Products and Services
- 14.3.4 Financial Overview
- 14.3.5 SWOT Analysis
- 14.3.6 Key Developments

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- 14.4 Renesas Electronics Corporation
  - 14.4.1 Key Facts
  - 14.4.2 Business Description
  - 14.4.3 Products and Services
  - 14.4.4 Financial Overview
  - 14.4.5 SWOT Analysis
  - 14.4.6 Key Developments
- 14.5 ROHM CO., LTD.
  - 14.5.1 Key Facts
  - 14.5.2 Business Description
  - 14.5.3 Products and Services
  - 14.5.4 Financial Overview
  - 14.5.5 SWOT Analysis
  - 14.5.6 Key Developments
- 14.6 STMicroelectronics
  - 14.6.1 Key Facts
  - 14.6.2 Business Description
  - 14.6.3 Products and Services
  - 14.6.4 Financial Overview
  - 14.6.5 SWOT Analysis
  - 14.6.6 Key Developments
- 14.7 Synopsys, Inc.
  - 14.7.1 Key Facts
  - 14.7.2 Business Description
  - 14.7.3 Products and Services
  - 14.7.4 Financial Overview
  - 14.7.5 SWOT Analysis
  - 14.7.6 Key Developments
- 14.8 Texas Instruments Incorporated
  - 14.8.1 Key Facts
  - 14.8.2 Business Description
  - 14.8.3 Products and Services
  - 14.8.4 Financial Overview
  - 14.8.5 SWOT Analysis
  - 14.8.6 Key Developments
- 14.9 Omni Design Technologies, Inc.
  - 14.9.1 Key Facts
  - 14.9.2 Business Description
  - 14.9.3 Products and Services
  - 14.9.4 Financial Overview
  - 14.9.5 SWOT Analysis
  - 14.9.6 Key Developments
- 14.10 ON Semiconductor Corporation
  - 14.10.1 Key Facts
  - 14.10.2 Business Description
  - 14.10.3 Products and Services
  - 14.10.4 Financial Overview

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- 14.10.5 SWOT Analysis
- 14.10.6 Key Developments
- 15. Appendix
- 15.1 About The Insight Partners
- 15.2 Word Index

**Middle East & Africa Data Converter Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Type (DAC and ADC), Sampling Rates (High Speed Converters and General/Low Speed Converters), Application (Medical, Industrial, Communications, Consumer Electronics, Automotive, and Others), Resolution (10-14 bit, Above 14-20 bit, and Above 20 bit), and Rate of Converter (Below 100Msps, 100-500Msps, Above 500Msps-1Gsps, and Above 1Gsps-3Gsps)**

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