

# Global Single-Ended Input ADC Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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# **Abstracts**

According to our (Global Info Research) latest study, the global Single-Ended Input ADC market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

A single-ended input analog-to-digital converter is a common type of analog-to-digital converter used to convert a single-ended analog signal to a digital signal. It performs analog-to-digital conversion by comparing a single analog input signal with a reference voltage and converting the comparison result to a digital signal. A single-ended-input ADC typically consists of a comparator, a sample-and-hold circuit, a digital-to-analog converter (DAC), and a successive-approximation register (SAR). Among them, the comparator is used to compare the input signal with the reference voltage, the sample and hold circuit is used to sample and hold the input signal, the DAC is used to convert the gradually approaching digital signal into an analog signal, and the SAR is used to gradually approximate the analog input signal. The actual value, and finally the digital code is output as a representation of the digital signal.

This report is a detailed and comprehensive analysis for global Single-Ended Input ADC market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.



Key Features:

Global Single-Ended Input ADC market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Single-Ended Input ADC market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Single-Ended Input ADC market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Single-Ended Input ADC market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Single-Ended Input ADC

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Single-Ended Input ADC market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ams OSRAM, Analog Devices Inc., Asahi Kasei Microdevices, Cirus Logic Inc. and MaxLinear, Inc., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

#### Market Segmentation

Single-Ended Input ADC market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts



for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

SAR

Flash Memory

Pipeline

Double Slope

Other

#### Market segment by Application

Industrial

Communication

Electronics

Medical

Other

Major players covered

ams OSRAM

Analog Devices Inc.

Asahi Kasei Microdevices

Cirus Logic Inc.



MaxLinear, Inc.

**Microchip Technology** 

Nuvoton Technology Corporation

NXP USA Inc.

onsemi

Parallax Inc.

Renesas Electronics America Inc

Rohm Semiconductor

Silicon Labs

Skyworks Solutions Inc.

SparkFun Electronics

**STMicroelectronics** 

**Texas Instruments** 

**Touchstone Semiconductor** 

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)



Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Single-Ended Input ADC product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Single-Ended Input ADC, with price, sales, revenue and global market share of Single-Ended Input ADC from 2018 to 2023.

Chapter 3, the Single-Ended Input ADC competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Single-Ended Input ADC breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022.and Single-Ended Input ADC market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Single-Ended Input ADC.

Chapter 14 and 15, to describe Single-Ended Input ADC sales channel, distributors, customers, research findings and conclusion.



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