

Global Operational Amplifier Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Operational Amplifier market size was valued at US\$ 6000 million in 2025 and is forecast to a readjusted size of US\$ 7522 million by 2032 with a CAGR of 3.3% during review period.

An operational amplifier is an integrated circuit that operates as a voltage amplifier. Moreover an operational amplifier is known as an instrumentation amplifier. Its greatest use is in Instrumentation as a PID/PI controller and operational amplifier is the basic component in all the instruments due to its versatile applications.

As for the operational amplifier market share, the Texas Instruments accounted for 29.63% among global, other players accounted for 25.09%, 7.70%, 6.24% including Analog Devices, Maxim, STM.

This report is a detailed and comprehensive analysis for global Operational Amplifier 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 2025, are provided.

Key Features:

Global Operational Amplifier market size and forecasts, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/K Unit), 2021-2032

Global Operational Amplifier market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/K Unit), 2021-2032

Global Operational Amplifier market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/K Unit), 2021-2032

Global Operational Amplifier market shares of main players, shipments in revenue (\$ Million), sales quantity (M Units), and ASP (USD/K Unit), 2021-2026

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 Operational Amplifier
- 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 Operational Amplifier market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Texas Instruments, Analog Devices, Maxim, STMicroelectronics, NXP Semiconductors, Cirrus Logic, KEC, New Japan Radio Co., Ltd, ON Semiconductor, Renesas Electronics, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Operational Amplifier market is split by Type and by Application. For the period 2021-2032, 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

Open-Loop Amplifier

Closed-Loop Amplifier

Market segment by Application

Automatic Control System

Test and Measurement Instruments

Medical Instruments

Vehicle Electronics

Others

Major players covered

Texas Instruments

Analog Devices

Maxim

STMicroelectronics

NXP Semiconductors

Cirrus Logic

KEC

New Japan Radio Co., Ltd

ON Semiconductor

Renesas Electronics

API Technologies

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 Operational Amplifier product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Operational Amplifier, with price, sales quantity, revenue, and global market share of Operational Amplifier from 2021 to 2026.

Chapter 3, the Operational Amplifier competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Operational Amplifier breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and Operational Amplifier market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Operational Amplifier.

Chapter 14 and 15, to describe Operational Amplifier sales channel, distributors, customers, research findings and conclusion.

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