

# Global Active Noise Cancellation Digital Signal Processor (DSP) Market Growth 2024-2030

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## Abstracts

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Active noise cancellation (ANC) is a system or technique of applying an anti-noise waveform, which closely matches the shape and frequency of the offending noise waveform, at an angle of precisely 180 degrees out of phase from the noise at the point which they both reach the target area.

There are two basic methods used in ANC systems— adaptive cancellation , which uses one or more microphones to detect noise and then adapts to generate an anti-noise waveform; and the synthesis method , which involves sampling and storing a number of noise cycles and generating an anti-noise waveform based on the stored information.

The global Active Noise Cancellation Digital Signal Processor (DSP) market size is projected to grow from US\$ 4158 million in 2024 to US\$ 6747 million in 2030; it is expected to grow at a CAGR of 8.4% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “Active Noise Cancellation Digital Signal Processor (DSP) Industry Forecast” looks at past sales and reviews total world Active Noise Cancellation Digital Signal Processor (DSP) sales in 2023, providing a comprehensive analysis by region and market sector of projected Active Noise Cancellation Digital Signal Processor (DSP) sales for 2024 through 2030. With Active Noise Cancellation Digital Signal Processor (DSP) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Active Noise Cancellation Digital Signal Processor (DSP) industry.

This Insight Report provides a comprehensive analysis of the global Active Noise

Cancellation Digital Signal Processor (DSP) landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Active Noise Cancellation Digital Signal Processor (DSP) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Active Noise Cancellation Digital Signal Processor (DSP) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Active Noise Cancellation Digital Signal Processor (DSP) and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Active Noise Cancellation Digital Signal Processor (DSP).

United States market for Active Noise Cancellation Digital Signal Processor (DSP) is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Active Noise Cancellation Digital Signal Processor (DSP) is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Active Noise Cancellation Digital Signal Processor (DSP) is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Active Noise Cancellation Digital Signal Processor (DSP) players cover Texas Instruments, NXP, Analog Devices, STMicroelectronics, Microchip Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Active Noise Cancellation Digital Signal Processor (DSP) market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Single core DSP

Multi-core DSP

Segmentation by Application:

Headsets

Automobile

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Texas Instruments

NXP

Analog Devices

STMicroelectronics

Microchip Technology

Qualcomm

ON Semiconductor

Cirrus Logic

Asahi Kasei Microdevices

Infineon Technologies

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Active Noise Cancellation Digital Signal Processor (DSP) market?

What factors are driving Active Noise Cancellation Digital Signal Processor (DSP) market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Active Noise Cancellation Digital Signal Processor (DSP) market opportunities vary by end market size?

How does Active Noise Cancellation Digital Signal Processor (DSP) break out by Type, by Application?

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