

Global GaAs Single Supply Power Amplifier Market Growth 2026-2032

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Abstracts

The global GaAs Single Supply Power Amplifier market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

The GaAs single power supply power amplifier chip is a single-chip microwave integrated circuit (MMIC) power amplifier designed based on the gallium arsenide (GaAs) process. It can operate on a single positive power supply, cover different frequency ranges, and has high gain, high Characterized by linearity and high output power. This amplifier chip can be used in fields such as communications, radar, electronic warfare and test equipment.

United States market for GaAs Single Supply Power Amplifier is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for GaAs Single Supply Power Amplifier is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for GaAs Single Supply Power Amplifier is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key GaAs Single Supply Power Amplifier players cover Analog Devices, Qorvo, Skyworks Solutions, MACOM, WIN Semiconductors, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?GaAs Single Supply Power

Amplifier Industry Forecast? looks at past sales and reviews total world GaAs Single Supply Power Amplifier sales in 2025, providing a comprehensive analysis by region and market sector of projected GaAs Single Supply Power Amplifier sales for 2026 through 2032. With GaAs Single Supply Power Amplifier sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world GaAs Single Supply Power Amplifier industry.

This Insight Report provides a comprehensive analysis of the global GaAs Single Supply Power Amplifier 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 GaAs Single Supply Power Amplifier portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global GaAs Single Supply Power Amplifier market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for GaAs Single Supply Power Amplifier 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 GaAs Single Supply Power Amplifier.

This report presents a comprehensive overview, market shares, and growth opportunities of GaAs Single Supply Power Amplifier market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

MESFET

JFET

HEMT

HBT

Segmentation by Application:

- Optoelectronics Industry
- Communications Industry
- Military Industry
- 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.

Analog Devices

Qorvo

Skyworks Solutions

MACOM

WIN Semiconductors

United Monolithic Semiconductors

Microsemi

Mimix Broadband

RFMD

Hittite Microwave

Gelpak

CTT

Zhejiang Chengchang Technology Co., Ltd.

Key Questions Addressed in this Report

What is the 10-year outlook for the global GaAs Single Supply Power Amplifier market?

What factors are driving GaAs Single Supply Power Amplifier market growth, globally and by region?

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

How do GaAs Single Supply Power Amplifier market opportunities vary by end market size?

How does GaAs Single Supply Power Amplifier break out by Type, by Application?

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