

Global GaN Drivers Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GEE1917FCC4DEN.html>

Date: August 2025

Pages: 128

Price: US\$ 3,480.00 (Single User License)

ID: GEE1917FCC4DEN

Abstracts

According to our (Global Info Research) latest study, the global GaN Drivers market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

The gallium nitride driver is an essential and important chip for gallium nitride applications. Since gallium nitride has extremely low gate charge and low turn-on voltage, an external driver is required to provide precise driving voltage and switch at high frequency. supply sufficient current. In this way, the gallium nitride switch tube can be driven safely and reliably, and the advantages of high frequency and high efficiency of gallium nitride can be fully utilized.

This report is a detailed and comprehensive analysis for global GaN Drivers 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 GaN Drivers market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global GaN Drivers market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit),

2020-2031

Global GaN Drivers market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global GaN Drivers market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

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 GaN Drivers

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 GaN Drivers 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 STMicroelectronics, Texas Instruments, Littelfuse, Analog Devices, onsemi, Skyworks, Monolithic Power Systems, NXP Semiconductors, Microchip Technology, Renesas Electronics, etc.

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

Market Segmentation

GaN Drivers market is split by Type and by Application. For the period 2020-2031, 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

Single Channel Gate Driver

Dual Channel Gate Driver

Market segment by Application

PoL Converter

High Voltage Pulse Generators for MEMS

DC-DC Converter

AC-DC Converter

Audio Amplifier

Others

Major players covered

STMicroelectronics

Texas Instruments

Littelfuse

Analog Devices

onsemi

Skyworks

Monolithic Power Systems

NXP Semiconductors

Microchip Technology

Renesas Electronics

EPC Space

Infineon Technologies

Allegro MicroSystem

Teledyne Defense Electronics

uPI Semiconductor

Peregrine Semiconductor

MinDCet

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 GaN Drivers product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of GaN Drivers, with price, sales quantity, revenue, and global market share of GaN Drivers from 2020 to 2025.

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

Chapter 4, the GaN Drivers breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and GaN Drivers market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 GaN Drivers.

Chapter 14 and 15, to describe GaN Drivers sales channel, distributors, customers, research findings and conclusion.

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