

Global GaN HEMT Transistors Market Growth 2023-2029

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Abstracts

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The global GaN HEMT Transistors market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for GaN HEMT Transistors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for GaN HEMT Transistors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for GaN HEMT Transistors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key GaN HEMT Transistors players cover Infineon Technologies, STMicroelectronics, Wolfspeed, Qorvo, Toshiba, GaN Systems, Mitsubishi Electric, Teledyne Defense Electronics and Innoscience, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

GaN-based high-electron-mobility transistors (HEMTs) are superior to conventional silicon (Si) based devices in terms of switching frequency, power rating, thermal capability and efficiency, which are crucial factors to enhance the performances of advanced power converters. This paper addresses some fundamental issues concerning intrinsic features of GaN material and key technology in practical application of GaN-based power switching devices.



LPI (LP Information)' newest research report, the "GaN HEMT Transistors Industry Forecast" looks at past sales and reviews total world GaN HEMT Transistors sales in 2022, providing a comprehensive analysis by region and market sector of projected GaN HEMT Transistors sales for 2023 through 2029. With GaN HEMT Transistors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world GaN HEMT Transistors industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for GaN HEMT Transistors 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 GaN HEMT Transistors.

This report presents a comprehensive overview, market shares, and growth opportunities of GaN HEMT Transistors market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

LV GaN HEMT Transistors

HV GaN HEMT Transistors

Segmentation by application

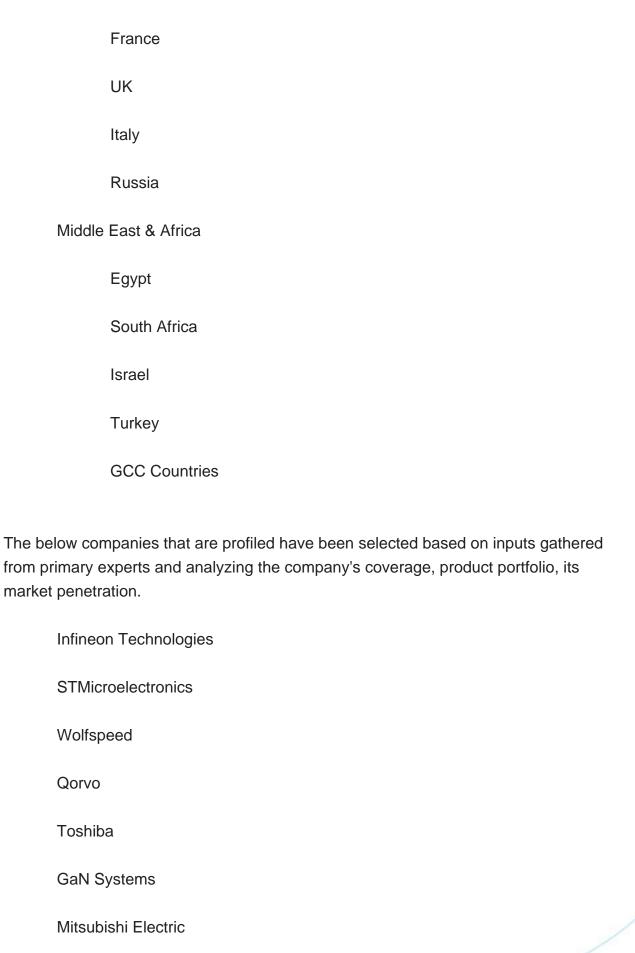
Automotive



Consu	mer Electronics	
Industr	ial	
Dataco	om & Telecom	
Others		
This report also splits the market by region:		
Americ	eas	
	United States	
	Canada	
	Mexico	
	Brazil	
APAC		
	China	
	Japan	
	Korea	
	Southeast Asia	
	India	
	Australia	
Europe	2	

Germany







Teledyne Defense Electronics
Innoscience
Transphorm
Cambridge GaN Devices
Navitas Semiconductor
Ampleon
Sumitomo Electric
ROHM
PN Junction Semiconductor
Shanghai Cool Semiconductor
Chengdu Danxi Technology
GaNext
KCB Solutions
Key Questions Addressed in this Report
What is the 10-year outlook for the global GaN HEMT Transistors market?
What factors are driving GaN HEMT Transistors market growth, globally and by region?
Which technologies are poised for the fastest growth by market and region?
How do GaN HEMT Transistors market opportunities vary by end market size?
How does GaN HEMT Transistors break out type, application?



What are the influences of COVID-19 and Russia-Ukraine war?



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