

# Global Third Generation Semiconductor Discrete Devices Market Growth (Status and Outlook) 2024-2030

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#### **Abstracts**

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This report studies the SiC Device and GaN Devices.

The global Third Generation Semiconductor Discrete Devices market size is projected to grow from US\$ 7693 million in 2024 to US\$ 36670 million in 2030; it is expected to grow at a CAGR of 29.7% from 2024 to 2030.

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

This Insight Report provides a comprehensive analysis of the global Third Generation Semiconductor Discrete Devices landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Third Generation Semiconductor Discrete Devices portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Third Generation Semiconductor Discrete Devices market.



This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Third Generation Semiconductor Discrete Devices 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 Third Generation Semiconductor Discrete Devices.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US\$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical regions showed double-digit growth except Asia Pacific. The largest region, Asia Pacific, declined 2.0 percent. Sales in the Americas were US\$142.1 billion, up 17.0% year-on-year, sales in Europe were US\$53.8 billion, up 12.6% year-on-year, and sales in Japan were US\$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US\$336.2 billion, down 2.81% year-on-year.

This report presents a comprehensive overview, market shares, and growth opportunities of Third Generation Semiconductor Discrete Devices market by product type, application, key players and key regions and countries.

Segmentation by Type:			
	SiC Devices		
	GaN Devices		

Segmentation by Application:

Consumer Electronics

Telecommunication



Indu	Industrial Motor	
Auto	Automotive Industry	
Othe	er	
<b>T</b>		
This report a	also splits the market by region:	
Ame	ricas	
	United States	
	Canada	
	Mexico	
	Brazil	
APA	С	
	China	
	Japan	
	Korea	
	Southeast Asia	
	India	
	Australia	
Euro	ре	
	Germany	
	France	



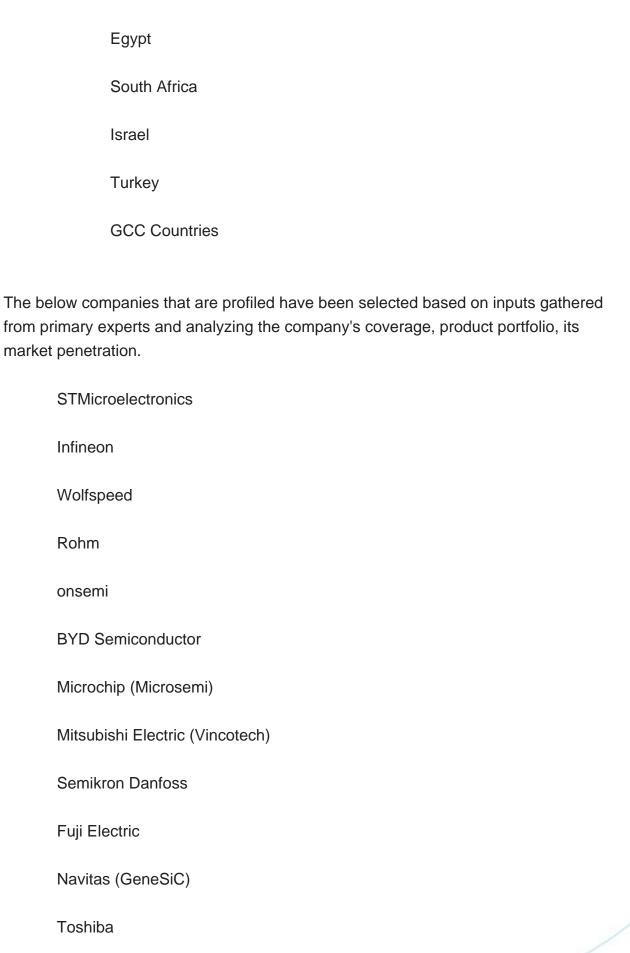
	UK	
	Italy	
	Russia	
Midd	le East & Africa	
	Egypt	
	South Africa	
	Israel	
	Turkey	
	GCC Countries	
Segmentation by Type:		
SiC [	Devices	
GaN	Devices	
Segmentation by Application:		
Cons	umer Electronics	
Telec	communication	
Indus	strial Motor	
Autor	motive Industry	
Othe	r	



## 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	







Qorvo (UnitedSiC)	
San'an Optoelectronics	
Littelfuse (IXYS)	
CETC 55	
WeEn Semiconductors	
BASiC Semiconductor	
SemiQ	
Diodes Incorporated	
SanRex	
Alpha & Omega Semiconductor	
Bosch	
GE Aerospace	
KEC Corporation	
PANJIT Group	
Nexperia	
Vishay Intertechnology	
Zhuzhou CRRC Times Electric	
China Resources Microelectronics Limited	
StarPower	



Yangzhou Yangjie Electronic Technology		
Guangdong AccoPower Semiconductor		
Changzhou Galaxy Century Microelectronics		
Hangzhou Silan Microelectronics		
Cissoid		
SK powertech		
Power Integrations, Inc.		
Navitas Semiconductor		
GaN Systems		
Efficient Power Conversion Corporation (EPC)		
Innoscience		
Transphorm Inc.		
Sumitomo Electric Device Innovations (SEDI)		
NXP		



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