

Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G6515D5488F4EN.html>

Date: February 2023

Pages: 127

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

ID: G6515D5488F4EN

Abstracts

The metal–oxide–semiconductor field-effect transistor is a type of insulated-gate field-effect transistor that is fabricated by the controlled oxidation of a semiconductor, typically silicon. The voltage of the covered gate determines the electrical conductivity of the device; this ability to change conductivity with the amount of applied voltage can be used for amplifying or switching electronic signals.

According to our (Global Info Research) latest study, the global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) 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 2023, are provided.

Key Features:

Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

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 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs)

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 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Nexperia, Renesas Electronics, Infineon Technologies, Transphorm and Panasonic Electronic, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) market is split by Type and by Application. For the period 2018-2029, 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

P-channel Type MOS

N-channel Type MOS

Enhancement MOS

Depletion MOS

Market segment by Application

Consumer Electronics

Automobile Circuit

Communication Device

Industrial Appliances

Charging Equipment

Major players covered

Nexperia

Renesas Electronics

Infineon Technologies

Transphorm

Panasonic Electronic

GaN Systems

Efficient Power Conversion Corporation.

San'an Optoelectronics

Solid State Devices

Texas Instruments

Qorvo

pSemi Corporation

Toshiba Infrastructure Systems & Solutions Corporation

Alpha and Omega Semiconductor

NTT Advanced Technology Corporation

Tektronix

ON Semiconductor

Advance Compound Semiconductors

ST Microelectronics

Wolfspeed

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 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs), with price, sales, revenue and global market share of Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) from 2018 to 2023.

Chapter 3, the Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2017 to 2022.and Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis,

and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs).

Chapter 14 and 15, to describe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs)

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 P-channel Type MOS

1.3.3 N-channel Type MOS

1.3.4 Enhancement MOS

1.3.5 Depletion MOS

1.4 Market Analysis by Application

1.4.1 Overview: Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Consumer Electronics

1.4.3 Automobile Circuit

1.4.4 Communication Device

1.4.5 Industrial Appliances

1.4.6 Charging Equipment

1.5 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market Size & Forecast

1.5.1 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (2018-2029)

1.5.3 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 Nexperia

2.1.1 Nexperia Details

2.1.2 Nexperia Major Business

2.1.3 Nexperia Gallium Nitride Metal-Oxide-Semiconductor Field-effect

Transistors(GaN MOSFETs) Product and Services

2.1.4 Nexperia Gallium Nitride Metal-Oxide-Semiconductor Field-effect

Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 Nexperia Recent Developments/Updates

2.2 Renesas Electronics

2.2.1 Renesas Electronics Details

2.2.2 Renesas Electronics Major Business

2.2.3 Renesas Electronics Gallium Nitride Metal-Oxide-Semiconductor Field-effect

Transistors(GaN MOSFETs) Product and Services

2.2.4 Renesas Electronics Gallium Nitride Metal-Oxide-Semiconductor Field-effect

Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 Renesas Electronics Recent Developments/Updates

2.3 Infineon Technologies

2.3.1 Infineon Technologies Details

2.3.2 Infineon Technologies Major Business

2.3.3 Infineon Technologies Gallium Nitride Metal-Oxide-Semiconductor Field-effect

Transistors(GaN MOSFETs) Product and Services

2.3.4 Infineon Technologies Gallium Nitride Metal-Oxide-Semiconductor Field-effect

Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Infineon Technologies Recent Developments/Updates

2.4 Transphorm

2.4.1 Transphorm Details

2.4.2 Transphorm Major Business

2.4.3 Transphorm Gallium Nitride Metal-Oxide-Semiconductor Field-effect

Transistors(GaN MOSFETs) Product and Services

2.4.4 Transphorm Gallium Nitride Metal-Oxide-Semiconductor Field-effect

Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 Transphorm Recent Developments/Updates

2.5 Panasonic Electronic

2.5.1 Panasonic Electronic Details

2.5.2 Panasonic Electronic Major Business

2.5.3 Panasonic Electronic Gallium Nitride Metal-Oxide-Semiconductor Field-effect

Transistors(GaN MOSFETs) Product and Services

2.5.4 Panasonic Electronic Gallium Nitride Metal-Oxide-Semiconductor Field-effect

Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin

and Market Share (2018-2023)

2.5.5 Panasonic Electronic Recent Developments/Updates

2.6 GaN Systems

2.6.1 GaN Systems Details

2.6.2 GaN Systems Major Business

2.6.3 GaN Systems Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

2.6.4 GaN Systems Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 GaN Systems Recent Developments/Updates

2.7 Efficient Power Conversion Corporation.

2.7.1 Efficient Power Conversion Corporation. Details

2.7.2 Efficient Power Conversion Corporation. Major Business

2.7.3 Efficient Power Conversion Corporation. Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

2.7.4 Efficient Power Conversion Corporation. Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Efficient Power Conversion Corporation. Recent Developments/Updates

2.8 San'an Optoelectronics

2.8.1 San'an Optoelectronics Details

2.8.2 San'an Optoelectronics Major Business

2.8.3 San'an Optoelectronics Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

2.8.4 San'an Optoelectronics Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 San'an Optoelectronics Recent Developments/Updates

2.9 Solid State Devices

2.9.1 Solid State Devices Details

2.9.2 Solid State Devices Major Business

2.9.3 Solid State Devices Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

2.9.4 Solid State Devices Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Solid State Devices Recent Developments/Updates

2.10 Texas Instruments

- 2.10.1 Texas Instruments Details
- 2.10.2 Texas Instruments Major Business
- 2.10.3 Texas Instruments Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services
- 2.10.4 Texas Instruments Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.10.5 Texas Instruments Recent Developments/Updates
- 2.11 Qorvo
 - 2.11.1 Qorvo Details
 - 2.11.2 Qorvo Major Business
 - 2.11.3 Qorvo Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services
 - 2.11.4 Qorvo Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.11.5 Qorvo Recent Developments/Updates
- 2.12 pSemi Corporation
 - 2.12.1 pSemi Corporation Details
 - 2.12.2 pSemi Corporation Major Business
 - 2.12.3 pSemi Corporation Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services
 - 2.12.4 pSemi Corporation Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.12.5 pSemi Corporation Recent Developments/Updates
- 2.13 Toshiba Infrastructure Systems & Solutions Corporation
 - 2.13.1 Toshiba Infrastructure Systems & Solutions Corporation Details
 - 2.13.2 Toshiba Infrastructure Systems & Solutions Corporation Major Business
 - 2.13.3 Toshiba Infrastructure Systems & Solutions Corporation Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services
 - 2.13.4 Toshiba Infrastructure Systems & Solutions Corporation Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.13.5 Toshiba Infrastructure Systems & Solutions Corporation Recent Developments/Updates
- 2.14 Alpha and Omega Semiconductor
 - 2.14.1 Alpha and Omega Semiconductor Details
 - 2.14.2 Alpha and Omega Semiconductor Major Business

2.14.3 Alpha and Omega Semiconductor Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

2.14.4 Alpha and Omega Semiconductor Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Alpha and Omega Semiconductor Recent Developments/Updates

2.15 NTT Advanced Technology Corporation

2.15.1 NTT Advanced Technology Corporation Details

2.15.2 NTT Advanced Technology Corporation Major Business

2.15.3 NTT Advanced Technology Corporation Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

2.15.4 NTT Advanced Technology Corporation Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.15.5 NTT Advanced Technology Corporation Recent Developments/Updates

2.16 Tektronix

2.16.1 Tektronix Details

2.16.2 Tektronix Major Business

2.16.3 Tektronix Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

2.16.4 Tektronix Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.16.5 Tektronix Recent Developments/Updates

2.17 ON Semiconductor

2.17.1 ON Semiconductor Details

2.17.2 ON Semiconductor Major Business

2.17.3 ON Semiconductor Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

2.17.4 ON Semiconductor Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.17.5 ON Semiconductor Recent Developments/Updates

2.18 Advance Compound Semiconductors

2.18.1 Advance Compound Semiconductors Details

2.18.2 Advance Compound Semiconductors Major Business

2.18.3 Advance Compound Semiconductors Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

2.18.4 Advance Compound Semiconductors Gallium Nitride Metal-Oxide-

Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.18.5 Advance Compound Semiconductors Recent Developments/Updates

2.19 ST Microelectronics

2.19.1 ST Microelectronics Details

2.19.2 ST Microelectronics Major Business

2.19.3 ST Microelectronics Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

2.19.4 ST Microelectronics Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.19.5 ST Microelectronics Recent Developments/Updates

2.20 Wolfspeed

2.20.1 Wolfspeed Details

2.20.2 Wolfspeed Major Business

2.20.3 Wolfspeed Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

2.20.4 Wolfspeed Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.20.5 Wolfspeed Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: GALLIUM NITRIDE METAL-OXIDE-SEMICONDUCTOR FIELD-EFFECT TRANSISTORS(GAN MOSFETS) BY MANUFACTURER

3.1 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Manufacturer (2018-2023)

3.2 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Revenue by Manufacturer (2018-2023)

3.3 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Manufacturer Market Share in 2022

3.4.2 Top 6 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN

MOSFETs) Manufacturer Market Share in 2022

3.5 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market: Overall Company Footprint Analysis

3.5.1 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market: Region Footprint

3.5.2 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market: Company Product Type Footprint

3.5.3 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market Size by Region

4.1.1 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Region (2018-2029)

4.1.2 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Region (2018-2029)

4.1.3 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price by Region (2018-2029)

4.2 North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value (2018-2029)

4.3 Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value (2018-2029)

4.4 Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value (2018-2029)

4.5 South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value (2018-2029)

4.6 Middle East and Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2018-2029)

5.2 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Type (2018-2029)

5.3 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2018-2029)

6.2 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Application (2018-2029)

6.3 Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2018-2029)

7.2 North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2018-2029)

7.3 North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market Size by Country

7.3.1 North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Country (2018-2029)

7.3.2 North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2018-2029)

8.2 Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2018-2029)

8.3 Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market Size by Country

8.3.1 Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Country (2018-2029)

8.3.2 Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN

MOSFETs) Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market Size by Region

9.3.1 Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2018-2029)

10.2 South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2018-2029)

10.3 South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market Size by Country

10.3.1 South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Country (2018-2029)

10.3.2 South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market Size by Country

11.3.1 Middle East & Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market Drivers

12.2 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market Restraints

12.3 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) and Key Manufacturers

13.2 Manufacturing Costs Percentage of Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs)

13.3 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Production Process

13.4 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Typical Distributors

14.3 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Table 2. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 3. Nexperia Basic Information, Manufacturing Base and Competitors
- Table 4. Nexperia Major Business
- Table 5. Nexperia Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services
- Table 6. Nexperia Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 7. Nexperia Recent Developments/Updates
- Table 8. Renesas Electronics Basic Information, Manufacturing Base and Competitors
- Table 9. Renesas Electronics Major Business
- Table 10. Renesas Electronics Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services
- Table 11. Renesas Electronics Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 12. Renesas Electronics Recent Developments/Updates
- Table 13. Infineon Technologies Basic Information, Manufacturing Base and Competitors
- Table 14. Infineon Technologies Major Business
- Table 15. Infineon Technologies Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services
- Table 16. Infineon Technologies Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 17. Infineon Technologies Recent Developments/Updates
- Table 18. Transphorm Basic Information, Manufacturing Base and Competitors
- Table 19. Transphorm Major Business
- Table 20. Transphorm Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

Table 21. Transphorm Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Transphorm Recent Developments/Updates

Table 23. Panasonic Electronic Basic Information, Manufacturing Base and Competitors

Table 24. Panasonic Electronic Major Business

Table 25. Panasonic Electronic Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

Table 26. Panasonic Electronic Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Panasonic Electronic Recent Developments/Updates

Table 28. GaN Systems Basic Information, Manufacturing Base and Competitors

Table 29. GaN Systems Major Business

Table 30. GaN Systems Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

Table 31. GaN Systems Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. GaN Systems Recent Developments/Updates

Table 33. Efficient Power Conversion Corporation. Basic Information, Manufacturing Base and Competitors

Table 34. Efficient Power Conversion Corporation. Major Business

Table 35. Efficient Power Conversion Corporation. Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

Table 36. Efficient Power Conversion Corporation. Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Efficient Power Conversion Corporation. Recent Developments/Updates

Table 38. San'an Optoelectronics Basic Information, Manufacturing Base and Competitors

Table 39. San'an Optoelectronics Major Business

Table 40. San'an Optoelectronics Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

Table 41. San'an Optoelectronics Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. San'an Optoelectronics Recent Developments/Updates

- Table 43. Solid State Devices Basic Information, Manufacturing Base and Competitors
- Table 44. Solid State Devices Major Business
- Table 45. Solid State Devices Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services
- Table 46. Solid State Devices Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 47. Solid State Devices Recent Developments/Updates
- Table 48. Texas Instruments Basic Information, Manufacturing Base and Competitors
- Table 49. Texas Instruments Major Business
- Table 50. Texas Instruments Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services
- Table 51. Texas Instruments Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 52. Texas Instruments Recent Developments/Updates
- Table 53. Qorvo Basic Information, Manufacturing Base and Competitors
- Table 54. Qorvo Major Business
- Table 55. Qorvo Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services
- Table 56. Qorvo Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 57. Qorvo Recent Developments/Updates
- Table 58. pSemi Corporation Basic Information, Manufacturing Base and Competitors
- Table 59. pSemi Corporation Major Business
- Table 60. pSemi Corporation Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services
- Table 61. pSemi Corporation Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 62. pSemi Corporation Recent Developments/Updates
- Table 63. Toshiba Infrastructure Systems & Solutions Corporation Basic Information, Manufacturing Base and Competitors
- Table 64. Toshiba Infrastructure Systems & Solutions Corporation Major Business
- Table 65. Toshiba Infrastructure Systems & Solutions Corporation Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services
- Table 66. Toshiba Infrastructure Systems & Solutions Corporation Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Toshiba Infrastructure Systems & Solutions Corporation Recent Developments/Updates

Table 68. Alpha and Omega Semiconductor Basic Information, Manufacturing Base and Competitors

Table 69. Alpha and Omega Semiconductor Major Business

Table 70. Alpha and Omega Semiconductor Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

Table 71. Alpha and Omega Semiconductor Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Alpha and Omega Semiconductor Recent Developments/Updates

Table 73. NTT Advanced Technology Corporation Basic Information, Manufacturing Base and Competitors

Table 74. NTT Advanced Technology Corporation Major Business

Table 75. NTT Advanced Technology Corporation Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

Table 76. NTT Advanced Technology Corporation Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. NTT Advanced Technology Corporation Recent Developments/Updates

Table 78. Tektronix Basic Information, Manufacturing Base and Competitors

Table 79. Tektronix Major Business

Table 80. Tektronix Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

Table 81. Tektronix Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 82. Tektronix Recent Developments/Updates

Table 83. ON Semiconductor Basic Information, Manufacturing Base and Competitors

Table 84. ON Semiconductor Major Business

Table 85. ON Semiconductor Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

Table 86. ON Semiconductor Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 87. ON Semiconductor Recent Developments/Updates

Table 88. Advance Compound Semiconductors Basic Information, Manufacturing Base and Competitors

Table 89. Advance Compound Semiconductors Major Business

Table 90. Advance Compound Semiconductors Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

Table 91. Advance Compound Semiconductors Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 92. Advance Compound Semiconductors Recent Developments/Updates

Table 93. ST Microelectronics Basic Information, Manufacturing Base and Competitors

Table 94. ST Microelectronics Major Business

Table 95. ST Microelectronics Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

Table 96. ST Microelectronics Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 97. ST Microelectronics Recent Developments/Updates

Table 98. Wolfspeed Basic Information, Manufacturing Base and Competitors

Table 99. Wolfspeed Major Business

Table 100. Wolfspeed Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Product and Services

Table 101. Wolfspeed Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 102. Wolfspeed Recent Developments/Updates

Table 103. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 104. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Revenue by Manufacturer (2018-2023) & (USD Million)

Table 105. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 106. Market Position of Manufacturers in Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs), (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 107. Head Office and Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Production Site of Key Manufacturer

Table 108. Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market: Company Product Type Footprint

Table 109. Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market: Company Product Application Footprint

Table 110. Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) New Market Entrants and Barriers to Market Entry

Table 111. Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Mergers, Acquisition, Agreements, and Collaborations

Table 112. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Region (2018-2023) & (K Units)

Table 113. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Region (2024-2029) & (K Units)

Table 114. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Region (2018-2023) & (USD Million)

Table 115. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Region (2024-2029) & (USD Million)

Table 116. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price by Region (2018-2023) & (US\$/Unit)

Table 117. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price by Region (2024-2029) & (US\$/Unit)

Table 118. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2018-2023) & (K Units)

Table 119. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2024-2029) & (K Units)

Table 120. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Type (2018-2023) & (USD Million)

Table 121. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Type (2024-2029) & (USD Million)

Table 122. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price by Type (2018-2023) & (US\$/Unit)

Table 123. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price by Type (2024-2029) & (US\$/Unit)

Table 124. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2018-2023) & (K Units)

Table 125. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2024-2029) & (K Units)

Table 126. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Application (2018-2023) & (USD Million)

Table 127. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Application (2024-2029) & (USD Million)

Table 128. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price by Application (2018-2023) & (US\$/Unit)

Table 129. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price by Application (2024-2029) & (US\$/Unit)

Table 130. North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2018-2023) & (K Units)

Table 131. North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2024-2029) & (K Units)

Table 132. North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2018-2023) & (K Units)

Table 133. North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2024-2029) & (K Units)

Table 134. North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Country (2018-2023) & (K Units)

Table 135. North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Country (2024-2029) & (K Units)

Table 136. North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Country (2018-2023) & (USD Million)

Table 137. North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Country (2024-2029) & (USD Million)

Table 138. Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2018-2023) & (K Units)

Table 139. Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2024-2029) & (K Units)

Table 140. Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2018-2023) & (K Units)

Table 141. Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2024-2029) & (K Units)

Table 142. Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Country (2018-2023) & (K Units)

Table 143. Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Country (2024-2029) & (K Units)

Table 144. Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Country (2018-2023) & (USD Million)

Million)

Table 145. Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Country (2024-2029) & (USD Million)

Table 146. Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2018-2023) & (K Units)

Table 147. Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2024-2029) & (K Units)

Table 148. Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2018-2023) & (K Units)

Table 149. Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2024-2029) & (K Units)

Table 150. Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Region (2018-2023) & (K Units)

Table 151. Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Region (2024-2029) & (K Units)

Table 152. Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Region (2018-2023) & (USD Million)

Table 153. Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Region (2024-2029) & (USD Million)

Table 154. South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2018-2023) & (K Units)

Table 155. South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2024-2029) & (K Units)

Table 156. South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2018-2023) & (K Units)

Table 157. South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2024-2029) & (K Units)

Table 158. South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Country (2018-2023) & (K Units)

Table 159. South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Country (2024-2029) & (K Units)

Table 160. South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Country (2018-2023) & (USD Million)

Table 161. South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Country (2024-2029) & (USD

Million)

Table 162. Middle East & Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2018-2023) & (K Units)

Table 163. Middle East & Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Type (2024-2029) & (K Units)

Table 164. Middle East & Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2018-2023) & (K Units)

Table 165. Middle East & Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Application (2024-2029) & (K Units)

Table 166. Middle East & Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Region (2018-2023) & (K Units)

Table 167. Middle East & Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity by Region (2024-2029) & (K Units)

Table 168. Middle East & Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Region (2018-2023) & (USD Million)

Table 169. Middle East & Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Region (2024-2029) & (USD Million)

Table 170. Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Raw Material

Table 171. Key Manufacturers of Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Raw Materials

Table 172. Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Typical Distributors

Table 173. Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Picture

Figure 2. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value Market Share by Type in 2022

Figure 4. P-channel Type MOS Examples

Figure 5. N-channel Type MOS Examples

Figure 6. Enhancement MOS Examples

Figure 7. Depletion MOS Examples

Figure 8. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 9. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value Market Share by Application in 2022

Figure 10. Consumer Electronics Examples

Figure 11. Automobile Circuit Examples

Figure 12. Communication Device Examples

Figure 13. Industrial Appliances Examples

Figure 14. Charging Equipment Examples

Figure 15. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 16. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 17. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity (2018-2029) & (K Units)

Figure 18. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price (2018-2029) & (US\$/Unit)

Figure 19. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity Market Share by Manufacturer in 2022

Figure 20. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect

Transistors(GaN MOSFETs) Consumption Value Market Share by Manufacturer in 2022

Figure 21. Producer Shipments of Gallium Nitride Metal-Oxide-Semiconductor Field-

effect Transistors(GaN MOSFETs) by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 22. Top 3 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Manufacturer (Consumption Value) Market Share in 2022

Figure 23. Top 6 Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Manufacturer (Consumption Value) Market Share in 2022

Figure 24. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity Market Share by Region (2018-2029)

Figure 25. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value Market Share by Region (2018-2029)

Figure 26. North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value (2018-2029) & (USD Million)

Figure 27. Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value (2018-2029) & (USD Million)

Figure 28. Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value (2018-2029) & (USD Million)

Figure 29. South America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value (2018-2029) & (USD Million)

Figure 30. Middle East & Africa Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value (2018-2029) & (USD Million)

Figure 31. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity Market Share by Type (2018-2029)

Figure 32. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value Market Share by Type (2018-2029)

Figure 33. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price by Type (2018-2029) & (US\$/Unit)

Figure 34. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity Market Share by Application (2018-2029)

Figure 35. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value Market Share by Application (2018-2029)

Figure 36. Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Average Price by Application (2018-2029) & (US\$/Unit)

Figure 37. North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity Market Share by Type (2018-2029)

Figure 38. North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity Market Share by Application (2018-2029)

Figure 39. North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity Market Share by Country (2018-2029)

Figure 40. North America Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value Market Share by Country (2018-2029)

Figure 41. United States Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Canada Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Mexico Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity Market Share by Type (2018-2029)

Figure 45. Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity Market Share by Application (2018-2029)

Figure 46. Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity Market Share by Country (2018-2029)

Figure 47. Europe Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value Market Share by Country (2018-2029)

Figure 48. Germany Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. France Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. United Kingdom Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Russia Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Italy Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity Market Share by Type (2018-2029)

Figure 54. Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity Market Share by Application (2018-2029)

Figure 55. Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Sales Quantity Market Share by Region (2018-2029)

- Figure 56. Asia-Pacific Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value Market Share by Region (2018-2029)
- Figure 57. China Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 58. Japan Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 59. Korea Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 60. India Gallium Nitride

I would like to order

Product name: Global Gallium Nitride Metal-Oxide-Semiconductor Field-effect Transistors(GaN MOSFETs) Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G6515D5488F4EN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G6515D5488F4EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970