

# Global Digital Power Electronics Market Research Report 2021

<https://marketpublishers.com/r/GB06A6EA662EN.html>

Date: July 2016

Pages: 104

Price: US\$ 2,900.00 (Single User License)

ID: GB06A6EA662EN

## Abstracts

### Notes:

Production, means the output of Digital Power Electronics

Revenue, means the sales value of Digital Power Electronics

This report studies Digital Power Electronics in Global market, especially in North America, Europe, China, Japan, Korea and Taiwan, focuses on top manufacturers in global market, with Production, price, revenue and market share for each manufacturer, covering

ABB Group

Alstom Group

Dialog Semiconductor PLC

Exar Corporation

Fairchild Semiconductor International, Inc

Free scale Semiconductor Inc

Infineon Technologies

Integrated Device technology, Inc

Intel Corporation

International Rectifier Corporation

Intersil Corporation

Linear Technology Corporation

Maxim Integrated Products Inc

MediaTek Inc

Microsemi Corporation

Mitsubishi Corporation

ON Semiconductor Corporation

Qualcomm Incorporated

Renesas Electronics Corporation

Rockwell Automation, Inc

Rohm Semiconductor Co. Ltd

ST microelectronics NV

Market Segment by Regions, this report splits Global into several key Region, with production, consumption, revenue, market share and growth rate of Digital Power Electronics in these regions, from 2011 to 2021 (forecast), like

North America

China

Europe

Japan

Taiwan

Korea

Split by product type, with production, revenue, price, market share and growth rate of each type, can be divided into

Gallium Nitride

Silicon Carbide

Silicon

Sapphire

Split by application, this report focuses on consumption, market share and growth rate of Digital Power Electronics in each application, can be divided into

Information and communications Technology Sector

Electronic Switching Systems

Wireless Devices

Consumer Electronics

Power Sector

Others

## Contents

### Global Digital Power Electronics Market Research Report 2021

#### **1 DIGITAL POWER ELECTRONICS OVERVIEW**

##### 1.1 Product Overview and Scope of Digital Power Electronics

##### 1.2 Digital Power Electronics Segment by Types

###### 1.2.1 Global Production Market Share of Digital Power Electronics by Type in 2015

###### 1.2.2 Gallium Nitride Overview and Price

###### 1.2.2.1 Gallium Nitride Overview

###### 1.2.2.2 Gallium Nitride Price List in 2015 and 2016

###### 1.2.3 Silicon Carbide

###### 1.2.3.1 Silicon Carbide Overview

###### 1.2.3.2 Silicon Carbide Price List in 2015 and 2016

###### 1.2.4 Silicon

###### 1.2.4.1 Silicon Overview

###### 1.2.4.2 Silicon Price List in 2015 and 2016

###### 1.2.5 Sapphire

###### 1.2.5.1 Sapphire Overview

###### 1.2.5.2 Sapphire Price List in 2015 and 2016

##### 1.3 Digital Power Electronics Segment by Application

###### 1.3.1 Digital Power Electronics Consumption Market Share by Application in 2015

###### 1.3.2 Information and communications Technology Sector and Major Clients (Buyers)

###### List

###### 1.3.3 Electronic Switching Systems and Major Clients (Buyers) List

###### 1.3.4 Wireless Devices and Major Clients (Buyers) List

###### 1.3.5 Consumer Electronics and Major Clients (Buyers) List

###### 1.3.6 Power Sector and Major Clients (Buyers) List

###### 1.3.7 Others and Major Clients (Buyers) List

##### 1.4 Digital Power Electronics Market by Region

###### 1.4.1 North America Status and Prospect (2011-2021)

###### 1.4.2 China Status and Prospect (2011-2021)

###### 1.4.3 Europe Status and Prospect (2011-2021)

###### 1.4.4 Japan Status and Prospect (2011-2021)

###### 1.4.5 Taiwan Status and Prospect (2011-2021)

###### 1.4.6 Korea Status and Prospect (2011-2021)

##### 1.5 Global Market Size (Value and Volume) of Digital Power Electronics (2011-2021)

###### 1.5.1 Global Digital Power Electronics Production and Revenue (2011-2021)

- 1.5.2 Global Digital Power Electronics Production and Growth Rate (2011-2021)
- 1.5.3 Global Digital Power Electronics Revenue and Growth Rate (2011-2021)

## **2 GLOBAL DIGITAL POWER ELECTRONICS MARKET COMPETITION BY MANUFACTURERS**

- 2.1 Global Digital Power Electronics Production and Share by Manufacturers (2015 and 2016)
- 2.2 Global Digital Power Electronics Revenue and Share by Manufacturers (2015 and 2016)
- 2.3 Global Digital Power Electronics Average Price by Manufacturers (2015 and 2016)
- 2.4 Manufacturers Digital Power Electronics Manufacturing Base Distribution and Product Type
- 2.5 Competitive Situation and Trends
  - 2.5.1 Expansions
  - 2.5.2 New Product Launches
  - 2.5.3 Acquisitions
  - 2.5.4 Other Developments

## **3 GLOBAL DIGITAL POWER ELECTRONICS ANALYSIS BY REGION**

- 3.1 Global Digital Power Electronics Production, Revenue and Market Share by Region (2011-2021)
  - 3.1.1 Global Digital Power Electronics Production Market Share by Region (2011-2021)
  - 3.1.2 Global Digital Power Electronics Revenue Market Share by Region (2011-2021)
- 3.2 Global Digital Power Electronics Consumption by Region (2011-2021)
- 3.3 North America
  - 3.3.1 North America Digital Power Electronics Production, Revenue and Price (2011-2021)
  - 3.3.2 North America Digital Power Electronics Production, Revenue and Growth Rate (2011-2021)
- 3.4 Europe
  - 3.4.1 Europe Digital Power Electronics Production, Revenue and Price (2011-2021)
  - 3.4.2 Europe Digital Power Electronics Production, Revenue and Growth Rate (2011-2021)
- 3.5 China
  - 3.5.1 China Digital Power Electronics Production, Revenue and Price (2011-2021)
  - 3.5.2 China Digital Power Electronics Production, Revenue and Growth Rate

(2011-2021)

### 3.6 Japan

3.6.1 Japan Digital Power Electronics Production, Revenue and Price (2011-2021)

3.6.2 Japan Digital Power Electronics Production, Revenue and Growth Rate

(2011-2021)

### 3.7 Taiwan

3.7.1 Taiwan Digital Power Electronics Production, Revenue and Price (2011-2021)

3.7.2 Taiwan Digital Power Electronics Production, Revenue and Growth Rate

(2011-2021)

### 3.8 Korea

3.8.1 Korea Digital Power Electronics Production, Revenue and Price (2011-2021)

3.8.2 Korea Digital Power Electronics Production, Revenue and Growth Rate

(2011-2021)

## **4 GLOBAL DIGITAL POWER ELECTRONICS ANALYSIS BY TYPE**

4.1 Global Digital Power Electronics Production, Revenue, Market Share and Growth Rate by Type (2011-2021)

4.1.1 Global Digital Power Electronics Production and Market Share by Type (2011-2021)

4.1.2 Global Digital Power Electronics Revenue, Market Share and Growth Rate by Type (2011-2021)

4.2 Gallium Nitride Production, Revenue, Price and Growth (2011-2021)

4.3 Silicon Carbide Production, Revenue, Price and Growth (2011-2021)

4.4 Silicon Production, Revenue, Price and Growth (2011-2021)

4.5 Sapphire Production, Revenue, Price and Growth (2011-2021)

## **5 GLOBAL DIGITAL POWER ELECTRONICS MARKET ANALYSIS BY APPLICATION**

5.1 Global Digital Power Electronics Consumption and Market Share by Application (2011-2021)

5.2 Major Regions Digital Power Electronics Consumption by Application in 2015 and 2016

5.2.1 North America Digital Power Electronics Consumption by Application

5.2.2 Europe Digital Power Electronics Consumption by Application

5.2.3 China Digital Power Electronics Consumption by Application

5.2.4 Japan Digital Power Electronics Consumption by Application

5.2.5 Taiwan Digital Power Electronics Consumption by Application

- 5.2.6 Korea Digital Power Electronics Consumption by Application
- 5.3 Global Digital Power Electronics Consumption Growth Rate by Application (2011-2021)
- 5.4 Market Drivers and Opportunities
  - 5.4.1 Potential Applications
  - 5.4.2 Emerging Markets/Countries

## **6 GLOBAL DIGITAL POWER ELECTRONICS MANUFACTURERS ANALYSIS**

### 6.1 ABB Group

- 6.1.1 Company Basic Information, Manufacturing Base and Competitors
- 6.1.2 Digital Power Electronics Product Type and Technology
  - 6.1.2.1 Gallium Nitride
  - 6.1.2.2 Silicon Carbide
  - 6.1.2.3 Silicon
- 6.1.3 Electronics Production, Revenue, Price of Digital Power Electronics (2015 and 2016)

### 6.2 Alstom Group

- 6.2.1 Company Basic Information, Manufacturing Base and Competitors
- 6.2.2 Digital Power Electronics Product Type and Technology
  - 6.2.2.1 Gallium Nitride
  - 6.2.2.2 Silicon Carbide
  - 6.2.2.3 Silicon
- 6.2.3 Alstom Group Production, Revenue, Price of Digital Power Electronics (2015 and 2016)

### 6.3 Dialog Semiconductor PLC

- 6.3.1 Company Basic Information, Manufacturing Base and Competitors
- 6.3.2 Digital Power Electronics Product Type and Technology
  - 6.3.2.1 Gallium Nitride
  - 6.3.2.2 Silicon Carbide
  - 6.3.2.3 Silicon
- 6.3.3 Dialog Semiconductor PLC Production, Revenue, Price of Digital Power Electronics (2015 and 2016)

### 6.4 Exar Corporation

- 6.4.1 Company Basic Information, Manufacturing Base and Competitors
- 6.4.2 Digital Power Electronics Product Type and Technology
  - 6.4.2.1 Gallium Nitride
  - 6.4.2.2 Silicon Carbide
- 6.4.3 Exar Corporation Production, Revenue, Price of Digital Power Electronics (2015

and 2016)

#### 6.5 Fairchild Semiconductor International, Inc

6.5.1 Company Basic Information, Manufacturing Base and Competitors

6.5.2 Digital Power Electronics Product Type and Technology

6.5.2.1 Gallium Nitride

6.5.2.2 Silicon Carbide

6.5.3 Fairchild Semiconductor International, Inc Production, Revenue, Price of Digital Power Electronics (2015 and 2016)

#### 6.6 Free scale Semiconductor Inc

6.6.1 Company Basic Information, Manufacturing Base and Competitors

6.6.2 Digital Power Electronics Product Type and Technology

6.6.2.1 Gallium Nitride

6.6.2.2 Silicon Carbide

6.6.3 Free scale Semiconductor Inc Production, Revenue, Price of Digital Power Electronics (2015 and 2016)

#### 6.7 Infineon Technologies

6.7.1 Company Basic Information, Manufacturing Base and Competitors

6.7.2 Digital Power Electronics Product Type and Technology

6.7.2.1 Gallium Nitride

6.7.2.2 Silicon Carbide

6.7.3 Infineon Technologies Production, Revenue, Price of Digital Power Electronics (2015 and 2016)

#### 6.8 Integrated Device technology, Inc

6.8.1 Company Basic Information, Manufacturing Base and Competitors

6.8.2 Digital Power Electronics Product Type and Technology

6.8.2.1 Gallium Nitride

6.8.2.2 Silicon Carbide

6.8.3 Integrated Device technology, Inc Production, Revenue, Price of Digital Power Electronics (2015 and 2016)

#### 6.9 Intel Corporation

6.9.1 Company Basic Information, Manufacturing Base and Competitors

6.9.2 Digital Power Electronics Product Type and Technology

6.9.2.1 Gallium Nitride

6.9.2.2 Silicon Carbide

6.9.3 Intel Corporation Production, Revenue, Price of Digital Power Electronics (2015 and 2016)

#### 6.10 International Rectifier Corporation

6.10.1 Company Basic Information, Manufacturing Base and Competitors

6.10.2 Digital Power Electronics Product Type and Technology



6.10.2.1 Gallium Nitride

6.10.2.2 Silicon Carbide

6.10.3 International Rectifier Corporation Production, Revenue, Price of Digital Power Electronics (2015 and 2016)

6.11 Intersil Corporation

6.12 Linear Technology Corporation

6.13 Maxim Integrated Products Inc

6.14 MediaTek Inc

6.15 Microsemi Corporation

6.16 Mitsubishi Corporation

6.17 ON Semiconductor Corporation

6.18 Qualcomm Incorporated

6.19 Renesas Electronics Corporation

6.20 Rockwell Automation, Inc

6.21 Rohm Semiconductor Co. Ltd

6.22 ST microelectronics NV

## **7 DIGITAL POWER ELECTRONICS TECHNOLOGY AND DEVELOPMENT TREND**

7.1 Digital Power Electronics Technology Analysis

7.2 Digital Power Electronics Technology Development Trend

## **8 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES AND FIGURES

- Figure Picture of Digital Power Electronics
- Figure Global Production Market Share of Digital Power Electronics by Type in 2015
- Table Digital Power Electronics Product Types of by Manufacturers
- Figure Product Picture of Gallium Nitride
- Table Gallium Nitride Price List in 2015 and 2016
- Figure Product Picture of Silicon Carbide
- Table Silicon Carbide Price List in 2015 and 2016
- Figure Product Picture of Silicon
- Table Silicon Price List in 2015 and 2016
- Figure Product Picture of Sapphire
- Table Sapphire Price List in 2015 and 2016
- Table Digital Power Electronics Consumption Market Share by Applications in 2015 and 2016
- Table Digital Power Electronics Major Clients (Buyers) List in Information and communications Technology Sector
- Table Digital Power Electronics Major Clients (Buyers) List in Electronic Switching Systems
- Table Digital Power Electronics Major Clients (Buyers) List in Wireless Devices
- Table Digital Power Electronics Major Clients (Buyers) List in Consumer Electronics
- Table Digital Power Electronics Major Clients (Buyers) List in Power Sector
- Table Digital Power Electronics Major Clients (Buyers) List in Others
- Figure North America Digital Power Electronics Production and Growth Rate (2011-2021)
- Figure North America Digital Power Electronics Consumption and Growth Rate (2011-2021)
- Figure China Digital Power Electronics Production and Growth Rate (2011-2021)
- Figure China Digital Power Electronics Consumption and Growth Rate (2011-2021)
- Figure Europe Digital Power Electronics Production and Growth Rate (2011-2021)
- Figure Europe Digital Power Electronics Consumption and Growth Rate (2011-2021)
- Figure Japan Digital Power Electronics Production and Growth Rate (2011-2021)
- Figure Japan Digital Power Electronics Consumption and Growth Rate (2011-2021)
- Figure Taiwan Digital Power Electronics Production and Growth Rate (2011-2021)
- Figure Taiwan Digital Power Electronics Consumption and Growth Rate (2011-2021)
- Figure Korea Digital Power Electronics Production and Growth Rate (2011-2021)
- Figure Korea Digital Power Electronics Consumption and Growth Rate (2011-2021)

Table Global Digital Power Electronics Production and Revenue (2011-2021)  
Figure Global Digital Power Electronics Production and Growth Rate (2011-2021)  
Figure Global Digital Power Electronics Revenue and Growth Rate (2011-2021)  
Table Global Digital Power Electronics Production of Key Manufacturers (2015 and 2016)  
Table Global Digital Power Electronics Production Share by Manufacturers (2015 and 2016)  
Figure 2015 Digital Power Electronics Production Share by Manufacturers  
Figure 2016 Digital Power Electronics Production Share by Manufacturers  
Table Global Digital Power Electronics Revenue by Manufacturers (2015 and 2016)  
Table Global Digital Power Electronics Revenue Share by Manufacturers (2015 and 2016)  
Table 2015 Global Digital Power Electronics Revenue Share by Manufacturers  
Table 2016 Global Digital Power Electronics Revenue Share by Manufacturers  
Table Global Market Digital Power Electronics Average Price of Key Manufacturers (2015 and 2016)  
Table Manufacturers Digital Power Electronics Manufacturing Base Distribution and Product Type  
Table Global Digital Power Electronics Production Market by Region (2011-2021)  
Figure Global Digital Power Electronics Production Market by Region (2011-2021)  
Figure Global Digital Power Electronics Production Market Share by Region (2011-2021)  
Table Global Digital Power Electronics Revenue Market by Region (2011-2021)  
Table Global Digital Power Electronics Revenue Market Share by Region (2011-2021)  
Table Global Digital Power Electronics Consumption Market by Region (2011-2021)  
Table Global Digital Power Electronics Consumption Market Share by Region (2011-2021)  
Figure Global Digital Power Electronics Consumption Market Share by Region (2011-2021)  
Table North America Digital Power Electronics Production, Revenue and Price (2011-2021)  
Figure North America Digital Power Electronics Production, Revenue and Growth Rate (2011-2021)  
Table Europe Digital Power Electronics Production, Revenue and Price (2011-2021)  
Figure Europe Digital Power Electronics Production, Revenue and Growth Rate (2011-2021)  
Table China Digital Power Electronics Production, Revenue and Price (2011-2021)  
Figure China Digital Power Electronics Production, Revenue and Growth Rate (2011-2021)

Table Japan Digital Power Electronics Production, Revenue and Price (2011-2021)  
Figure Japan Digital Power Electronics Production, Revenue and Growth Rate (2011-2021)

Table Taiwan Digital Power Electronics Production, Revenue and Price (2011-2021)  
Figure Taiwan Digital Power Electronics Production, Revenue and Growth Rate (2011-2021)

Table Korea Digital Power Electronics Production, Revenue and Price (2011-2021)  
Figure Korea Digital Power Electronics Production, Revenue and Growth Rate (2011-2021)

Table Global Digital Power Electronics Production by Type (2011-2021)

Table Global Digital Power Electronics Production Share by Type (2011-2021)

Figure Production Market Share of Digital Power Electronics by Type (2011-2021)

Figure Global Digital Power Electronics Production Growth Rate by Type (2011-2021)

Table Global Digital Power Electronics Revenue by Type (2011-2021)

Table Global Digital Power Electronics Revenue Share by Type (2011-2021)

Figure Global Digital Power Electronics Revenue Growth Rate by Type (2011-2021)

Figure Gallium Nitride Production, Revenue and Growth (2011-2021)

Figure Gallium Nitride Price Trend (2011-2021)

Figure Silicon Carbide Production, Revenue and Growth (2011-2021)

Figure Silicon Carbide Price Trend (2011-2021)

Figure Silicon Production, Revenue and Growth (2011-2021)

Figure Silicon Price Trend (2011-2021)

Figure Sapphire Production, Revenue and Growth (2011-2021)

Figure Sapphire Price Trend (2011-2021)

Table Global Digital Power Electronics Consumption by Application (2011-2021)

Table Global Digital Power Electronics Consumption Market Share by Application (2011-2021)

Figure Global Digital Power Electronics Consumption Market Share by Application in 2015

Figure Global Digital Power Electronics Consumption Market Share by Application in 2021

Table North America Digital Power Electronics Consumption by Application (2015 and 2016)

Table Europe Digital Power Electronics Consumption by Application (2015 and 2016)

Table China Digital Power Electronics Consumption by Application (2015 and 2016)

Table Japan Digital Power Electronics Consumption by Application (2015 and 2016)

Table Taiwan Digital Power Electronics Consumption by Application (2015 and 2016)

Table Korea Digital Power Electronics Consumption by Application (2015 and 2016)

Table Global Digital Power Electronics Consumption Growth Rate by Application

(2011-2021)

Figure Global Digital Power Electronics Consumption Growth Rate by Application

(2011-2021)

Table ABB Group Basic Information List

Table Digital Power Electronics Production, Revenue, Price of ABB Group (2015 and 2016)

Table Alstom Group Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Alstom Group (2015 and 2016)

Table Dialog Semiconductor PLC Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Dialog Semiconductor PLC (2015 and 2016)

Table Exar Corporation Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Exar Corporation (2015 and 2016)

Table Fairchild Semiconductor International, Inc Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Fairchild Semiconductor International, Inc (2015 and 2016)

Table Free scale Semiconductor Inc Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Free scale Semiconductor Inc (2015 and 2016)

Table Infineon Technologies Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Infineon Technologies (2015 and 2016)

Table Integrated Device technology, Inc Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Integrated Device technology, Inc (2015 and 2016)

Table Intel Corporation Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Intel Corporation (2015 and 2016)

Table International Rectifier Corporation Basic Information List

Table Digital Power Electronics Production, Revenue, Price of International Rectifier Corporation (2015 and 2016)

Table Intersil Corporation Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Intersil Corporation (2015 and 2016)

Table Linear Technology Corporation Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Linear Technology Corporation (2015 and 2016)

Table Maxim Integrated Products Inc Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Maxim Integrated Products Inc (2015 and 2016)

Table MediaTek Inc Basic Information List

Table Digital Power Electronics Production, Revenue, Price of MediaTek Inc (2015 and 2016)

Table Microsemi Corporation Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Microsemi Corporation (2015 and 2016)

Table Mitsubishi Corporation Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Mitsubishi Corporation (2015 and 2016)

Table ON Semiconductor Corporation Basic Information List

Table Digital Power Electronics Production, Revenue, Price of ON Semiconductor Corporation (2015 and 2016)

Table Qualcomm Incorporated Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Qualcomm Incorporated (2015 and 2016)

Table Renesas Electronics Corporation Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Renesas Electronics Corporation (2015 and 2016)

Table Rockwell Automation, Inc Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Rockwell Automation, Inc (2015 and 2016)

Table Rohm Semiconductor Co. Ltd Basic Information List

Table Digital Power Electronics Production, Revenue, Price of Rohm Semiconductor Co. Ltd (2015 and 2016)

Table ST microelectronics NV Basic Information List

Table Digital Power Electronics Production, Revenue, Price of ST microelectronics NV (2015 and 2016)

## I would like to order

Product name: Global Digital Power Electronics Market Research Report 2021

Product link: <https://marketpublishers.com/r/GB06A6EA662EN.html>

Price: US\$ 2,900.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB06A6EA662EN.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