

# **2018 Top 5 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa**

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## **Abstracts**

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IGBT aims to deliver faster switching rate and higher efficiency to enable proper operations at high voltage or high current. In addition, it can be used for dynamic breaking, where the power is dissipated by resistors that are connected in parallel or in series. It is widely used in high power rating applications, which include electric vehicle motor drives, inductive heating cookers, and appliance motor drives.

IGBT is widely used in various applications such as renewable energy, high voltage direct current (HVDC), motor drive, and consumer electronics, owing to its faster switching rate, high efficiency, and improved durability. Moreover, it supports high input impedance and improved parallel current sharing; thereby, fueling the market growth. However, performance issues, such as current leakage and breakdown, hamper the market growth. Proactive government initiatives to establish HVDCs & smart grids and increase in demand for consumer electronic are expected to provide lucrative opportunities to market players in the near future.

Over the next five years, LPI(LP Information) projects that Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

Fairchild Semiconductor International Inc

STMicroelectronics

ABB Ltd

Hitachi Power Semiconductor Device Ltd

Toshiba Corporation

Mitsubishi Electric Corporation

Infineon Technologies AG

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Discrete IGBT

IGBT Module

Energy & Power

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Consumer Electronics

Inverter & UPS

Electric Vehicle

Industrial System

Others (Medical Devices & Traction)

## Contents

### **1 INSULATED GATE BIPOLAR TRANSISTORS AND METAL OXIDE FIELD EFFECT TRANSISTOR MARKET OVERVIEW**

1.1 Product Overview and Scope of Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor

1.2 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Segment by Types

1.2.1 Global Sales Market Share of Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor by Types in 2017

1.2.2 Discrete IGBT

1.2.2.1 Major Players of Type I

1.2.3 IGBT Module

1.2.3.1 Major Players of IGBT Module

1.2.4 Energy & Power

1.2.4.1 Major Players of Energy & Power

1.3 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Segment by Applications

1.3.1 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Applications in 2017

1.3.2 Consumer Electronics

1.3.3 Inverter & UPS

1.3.4 Electric Vehicle

1.3.5 Industrial System

1.3.6 Others (Medical Devices & Traction)

1.4 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Market by Regions

1.4.1 North America Status and Prospect (2013-2023)

1.4.1.1 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue (Million USD) and Growth Rate (2013-2023)

1.4.2 Asia-Pacific Status and Prospect (2013-2023)

1.4.2.1 Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue (Million USD) and Growth Rate (2013-2023)

1.4.3 Europe Status and Prospect (2013-2023)

1.4.3.1 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue (Million USD) and Growth Rate (2013-2023)

1.4.4 South America Status and Prospect (2013-2023)

1.4.4.1 South America Insulated Gate Bipolar Transistors and Metal Oxide Field

Effect Transistor Revenue (Million USD) and Growth Rate (2013-2023)

1.4.5 Middle East and Africa Status and Prospect (2013-2023)

1.4.5.1 Middle East and Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue (Million USD) and Growth Rate (2013-2023)

1.5 Global Market Size (Value) of Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor (2013-2023)

## **2 GLOBAL INSULATED GATE BIPOLAR TRANSISTORS AND METAL OXIDE FIELD EFFECT TRANSISTOR SALES, REVENUE (VALUE) AND MARKET SHARE BY PLAYERS**

2.1 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Players in 2016 and 2017

2.1.1 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Players in 2016 and 2017

2.1.2 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share (%) by Players in 2016 and 2017

2.2 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue and Market Share by Players in 2016 and 2017

2.2.1 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Players in 2016 and 2017

2.2.2 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share (%) by Players in 2016 and 2017

2.3 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Average Price by Players in 2016 and 2017

2.4 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Manufacturing Base Distribution, Sales Area, Product Types by Players

2.4.1 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Manufacturing Base Distribution and Sales Area by Players

2.4.2 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Product Types

2.5 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Market Competitive Situation and Trends

2.5.1 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Market Concentration Rate

2.5.2 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Market Share of Top 3 and Top 5 Players

2.5.3 Mergers & Acquisitions, Expansion

### **3 GLOBAL INSULATED GATE BIPOLAR TRANSISTORS AND METAL OXIDE FIELD EFFECT TRANSISTOR SALES, REVENUE (VALUE) BY REGIONS, TYPE AND APPLICATION (2013-2018)**

3.1 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue and Market Share by Regions (2013-2018)

3.1.1 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Regions (2013-2018)

3.1.2 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue and Market Share by Regions (2013-2018)

3.2 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Market Share and Price by Type (2013-2018)

3.2.1 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Type (2013-2018)

3.2.2 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue and Market Share by Type (2013-2018)

3.2.3 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Price by Type (2013-2018)

3.3 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Application (2013-2018)

3.3.1 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Application (2013-2018)

3.3.2 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

3.4 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

### **4 NORTH AMERICA TOP 5 PLAYERS INSULATED GATE BIPOLAR TRANSISTORS AND METAL OXIDE FIELD EFFECT TRANSISTOR SALES, REVENUE AND PRICE**

4.1 North America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue and Market Share in 2016 and 2017

4.1.1 North America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share in 2016 and 2017

4.1.2 North America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue and Market Share in 2016 and 2017

4.2 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Market Share and Price by Type (2013-2018)

4.2.1 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect

## Transistor Sales and Market Share by Type (2013-2018)

### 4.2.1.1 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Type (2013-2018)

### 4.2.1.2 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

### 4.2.2 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue and Market Share by Type (2013-2018)

### 4.2.2.1 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Type (2013-2018)

### 4.2.2.2 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

### 4.2.3 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Price by Type (2013-2018)

### 4.3 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Application (2013-2018)

### 4.3.1 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Application (2013-2018)

### 4.3.2 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

### 4.4 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Country (US, Canada and Mexico) (2013-2018)

### 4.4.1 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Country (2013-2018)

### 4.4.2 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country (2013-2018)

### 4.5 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Import & Export (2013-2018)

## **5 EUROPE TOP 5 PLAYERS INSULATED GATE BIPOLAR TRANSISTORS AND METAL OXIDE FIELD EFFECT TRANSISTOR SALES, REVENUE AND PRICE**

### 5.1 Europe Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue and Market Share in 2016 and 2017

### 5.1.1 Europe Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share in 2016 and 2017

### 5.1.2 Europe Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue and Market Share in 2016 and 2017

### 5.2 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Market Share and Price by Type (2013-2018)



5.2.1 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Type (2013-2018)

5.2.1.1 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Type (2013-2018)

5.2.1.2 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

5.2.2 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue and Market Share by Type (2013-2018)

5.2.2.1 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Type (2013-2018)

5.2.2.2 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

5.2.3 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Price by Type (2013-2018)

5.3 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Application (2013-2018)

5.3.1 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Application (2013-2018)

5.3.2 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

5.4 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Country (Germany, UK, France, Italy and Russia) (2013-2018)

5.4.1 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Country (2013-2018)

5.4.2 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country (2013-2018)

5.5 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Import & Export (2013-2018)

## **6 ASIA-PACIFIC TOP 5 PLAYERS INSULATED GATE BIPOLAR TRANSISTORS AND METAL OXIDE FIELD EFFECT TRANSISTOR SALES, REVENUE AND PRICE**

6.1 Asia-Pacific Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue and Market Share in 2016 and 2017

6.1.1 Asia-Pacific Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share in 2016 and 2017

6.1.2 Asia-Pacific Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue and Market Share in 2016 and 2017



6.2 Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Market Share and Price by Type (2013-2018)

6.2.1 Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Type (2013-2018)

6.2.1.1 Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Type (2013-2018)

6.2.1.2 Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

6.2.2 Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue and Market Share by Type (2013-2018)

6.2.3 Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Price by Type (2013-2018)

6.3 Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Application (2013-2018)

6.3.1 Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Application (2013-2018)

6.3.2 Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

6.4 Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Country (China, Japan, Southeast Asia, India, Korea and Australia) (2013-2018)

6.4.1 Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Country (2013-2018)

6.4.2 Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country (2013-2018)

6.5 Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Import & Export (2013-2018)

## **7 SOUTH AMERICA TOP 5 PLAYERS INSULATED GATE BIPOLAR TRANSISTORS AND METAL OXIDE FIELD EFFECT TRANSISTOR SALES, REVENUE AND PRICE**

7.1 South America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue and Market Share in 2016 and 2017

7.1.1 South America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share in 2016 and 2017

7.1.2 South America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue and Market Share in 2016 and 2017

7.2 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Market Share and Price by Type (2013-2018)

7.2.1 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Type (2013-2018)

7.2.1.1 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Type (2013-2018)

7.2.1.2 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

7.2.2 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue and Market Share by Type (2013-2018)

7.2.2.1 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Type (2013-2018)

7.2.2.2 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue and Market Share by Type (2013-2018)

7.2.3 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Price by Type (2013-2018)

7.3 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Application (2013-2018)

7.3.1 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Application (2013-2018)

7.3.2 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

7.4 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Country (Brazil, Argentina, Chile and Peru) (2013-2018)

7.4.1 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Country (2013-2018)

7.4.2 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country (2013-2018)

7.5 South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Import & Export (2013-2018)

## **8 MIDDLE EAST & AFRICA TOP 5 PLAYERS INSULATED GATE BIPOLAR TRANSISTORS AND METAL OXIDE FIELD EFFECT TRANSISTOR SALES, REVENUE AND PRICE**

8.1 Middle East & Africa Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue and Market Share in 2016 and 2017

8.1.1 Middle East & Africa Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share in 2016 and 2017

8.1.2 Middle East & Africa Top 5 Players Insulated Gate Bipolar Transistors and Metal

Oxide Field Effect Transistor Revenue and Market Share in 2016 and 2017

8.2 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Market Share and Price by Type (2013-2018)

8.2.1 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Type (2013-2018)

8.2.1.1 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Type (2013-2018)

8.2.1.2 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

8.2.2 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue and Market Share by Type (2013-2018)

8.2.2.1 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Type (2013-2018)

8.2.2.2 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

8.2.3 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Price by Type (2013-2018)

8.3 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Application (2013-2018)

8.3.1 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Application (2013-2018)

8.3.2 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

8.4 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share by Country (Egypt, Saudi Arabia, South Africa and Iran) (2013-2018)

8.4.1 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Country (2013-2018)

8.4.2 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country (2013-2018)

8.5 Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Import & Export (2013-2018)

## **9 GLOBAL INSULATED GATE BIPOLAR TRANSISTORS AND METAL OXIDE FIELD EFFECT TRANSISTOR PLAYERS PROFILES/ANALYSIS**

9.1 Fairchild Semiconductor International Inc

9.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

## 9.1.2 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Product Types, Application and Specification

### 9.1.2.1 Product A

### 9.1.2.2 Product B

## 9.1.3 Fairchild Semiconductor International Inc Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

### 9.1.4 Main Business/Business Overview

### 9.1.5 Fairchild Semiconductor International Inc News

## 9.2 STMicroelectronics

### 9.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

### 9.2.2 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Product Types, Application and Specification

#### 9.2.2.1 Product A

#### 9.2.2.2 Product B

### 9.2.3 STMicroelectronics Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

#### 9.2.4 Main Business/Business Overview

#### 9.2.5 STMicroelectronics News

## 9.3 ABB Ltd

### 9.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

### 9.3.2 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Product Types, Application and Specification

#### 9.3.2.1 Product A

#### 9.3.2.2 Product B

### 9.3.3 ABB Ltd Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

#### 9.3.4 Main Business/Business Overview

#### 9.3.5 ABB Ltd News

## 9.4 Hitachi Power Semiconductor Device Ltd

### 9.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

### 9.4.2 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Product Types, Application and Specification

#### 9.4.2.1 Product A

#### 9.4.2.2 Product B

### 9.4.3 Hitachi Power Semiconductor Device Ltd Insulated Gate Bipolar Transistors and

## Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

### 9.4.4 Main Business/Business Overview

### 9.4.5 Hitachi Power Semiconductor Device Ltd News

## 9.5 Toshiba Corporation

### 9.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

### 9.5.2 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Product Types, Application and Specification

#### 9.5.2.1 Product A

#### 9.5.2.2 Product B

### 9.5.3 Toshiba Corporation Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

### 9.5.4 Main Business/Business Overview

### 9.5.5 Toshiba Corporation News

## 9.6 Mitsubishi Electric Corporation

### 9.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

### 9.6.2 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Product Types, Application and Specification

#### 9.6.2.1 Product A

#### 9.6.2.2 Product B

### 9.6.3 Mitsubishi Electric Corporation Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

### 9.6.4 Main Business/Business Overview

### 9.6.5 Mitsubishi Electric Corporation News

## 9.7 Infineon Technologies AG

### 9.7.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

### 9.7.2 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Product Types, Application and Specification

#### 9.7.2.1 Product A

#### 9.7.2.2 Product B

### 9.7.3 Infineon Technologies AG Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

### 9.7.4 Main Business/Business Overview

### 9.7.5 Infineon Technologies AG News

## 10 GLOBAL INSULATED GATE BIPOLAR TRANSISTORS AND METAL OXIDE



## **FIELD EFFECT TRANSISTOR MARKET FORECAST (2018-2023)**

10.1 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue Forecast (2018-2023)

10.2 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Consumption Forecast by Regions (2018-2023)

10.2.1 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Forecast by Regions (2018-2023)

10.2.2 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share Forecast by Regions (2018-2023)

10.3 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share Forecast by Type (2018-2023)

10.3.1 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Forecast by Type (2018-2023)

10.3.2 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share Forecast by Type (2018-2023)

10.4 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Market Share Forecast by Application (2018-2023)

10.4.1 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Forecast by Application (2018-2023)

10.4.2 Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share Forecast by Application (2018-2023)

10.5 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Price Forecast (2018-2023)

## **11 INSULATED GATE BIPOLAR TRANSISTORS AND METAL OXIDE FIELD EFFECT TRANSISTOR MANUFACTURING COST ANALYSIS**

11.1 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Key Raw Materials Analysis

11.1.1 Key Raw Materials

11.1.2 Price Trend of Key Raw Materials

11.1.3 Key Suppliers of Raw Materials

11.1.4 Market Concentration Rate of Raw Materials

11.2 Proportion of Manufacturing Cost Structure

11.2.1 Raw Materials

11.2.2 Labor Cost

11.2.3 Manufacturing Expenses

11.3 Manufacturing Process Analysis of Insulated Gate Bipolar Transistors and Metal

Oxide Field Effect Transistor

## **12 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS**

12.1 Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor

Industrial Chain Analysis

12.2 Upstream Raw Materials Sourcing

12.3 Raw Materials Sources of Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Major Players in 2017

12.4 Downstream Buyers

## **13 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

13.1 Marketing Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Development Trend

13.2 Market Positioning

13.2.1 Pricing Strategy

13.2.2 Brand Strategy

13.2.3 Target Client

13.3 Distributors/Traders List

## **14 MARKET EFFECT FACTORS ANALYSIS**

14.1 Technology Progress/Risk

14.1.1 Substitutes Threat

14.1.2 Technology Progress in Related Industry

14.2 Consumer Needs/Customer Preference Change

14.3 Economic/Political Environmental Change

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Data Source



## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Picture of Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor

Table Product Specifications of Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor

Figure Global Sales Market Share of Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor by Types in 2017

Figure Product Picture of Discrete IGBT

Table Major Players of Discrete IGBT

Figure Product Picture of IGBT Module

Table Major Players of IGBT Module

Figure Product Picture of Energy & Power

Table Major Players of Energy & Power

Figure Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Applications in 2017

Table Applications of Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor

Figure Inverter & UPS Examples

Figure Electric Vehicle Examples

Figure Industrial System Examples

Figure Others (Medical Devices & Traction) Examples

Figure North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue (Million USD) and Growth Rate (2013-2023)

Figure Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue (Million USD) and Growth Rate (2013-2023)

Figure Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue (Million USD) and Growth Rate (2013-2023)

Figure South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue (Million USD) and Growth Rate (2013-2023)

Figure Middle East and Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue (Million USD) and Growth Rate (2013-2023)

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue (Million USD) and Growth Rate (2013-2023)

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Players in 2016 and 2017

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor

Sales Market Share (%) by Players in 2016 and 2017

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Players in 2016

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Players in 2017

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Players in 2016 and 2017

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share (%) by Players in 2016 and 2017

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Players in 2016

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Players in 2017

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Average Price by Players in 2016 and 2017

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Average Price by Players in 2017

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Manufacturing Base Distribution and Sales Area by Players

Table Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Product Types

Figure Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Market Share of Top 3 Players

Figure Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Market Share of Top 5 Players

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Regions (2013-2018)

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Regions (2013-2018)

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Regions (2013-2018)

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Regions in 2017

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Regions (2013-2018)

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Regions (2013-2018)

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Regions (2013-2018)

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Regions in 2017

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Type (2013-2018)

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type in 2017

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Type (2013-2018)

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type in 2017

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Price by Type (2013-2018)

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Application (2013-2018)

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application in 2017

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

Table North America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales in 2016 and 2017

Table North America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share (%) in 2016 and 2017

Figure North America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Share in 2016

Figure North America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Share in 2017

Table North America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide

Field Effect Transistor Revenue in 2016 and 2017

Table North America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share (%) in 2016 and 2017

Figure North America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Share in 2016

Figure North America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Share in 2017

Table North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Type (2013-2018)

Figure 2017 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type

Table North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

Figure North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

Table North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Type (2013-2018)

Figure North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type in 2017

Table North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

Figure North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

Table North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Price by Type (2013-2018)

Table North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Application (2013-2018)

Figure North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Application in 2017

Table North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

Figure North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

Table North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Country (2013-2018)

Figure 2017 North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country

Table North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country (2013-2018)

Figure North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country (2013-2018)

Table North America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Import & Export (2013-2018)

Table Europe Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales in 2016 and 2017

Table Europe Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share (%) in 2016 and 2017

Figure Europe Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Share in 2016

Figure Europe Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Share in 2017

Table Europe Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue in 2016 and 2017

Table Europe Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share (%) in 2016 and 2017

Figure Europe Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Share in 2016

Figure Europe Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Share in 2017

Table Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Type (2013-2018)

Figure 2017 Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type

Table Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

Figure Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

Table Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Type (2013-2018)

Figure Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type in 2017

Table Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

Figure Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

Table Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Price by Type (2013-2018)

Table Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor



Sales by Application (2013-2018)

Figure Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect

Transistor Sales Market Share by Application in 2017

Table Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor

Sales Market Share by Application (2013-2018)

Figure Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect

Transistor Sales Market Share by Application (2013-2018)

Table Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor

Sales by Country (2013-2018)

Figure Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect

Transistor Sales Market Share by Country in 2017

Table Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor

Sales Market Share by Country (2013-2018)

Figure Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect

Transistor Sales Market Share by Country (2013-2018)

Table Europe Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor

Import & Export (2013-2018)

Table Asia-Pacific Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide

Field Effect Transistor Sales in 2016 and 2017

Table Asia-Pacific Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide

Field Effect Transistor Sales Market Share (%) in 2016 and 2017

Figure Asia-Pacific Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide

Field Effect Transistor Sales Share in 2016

Figure Asia-Pacific Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide

Field Effect Transistor Sales Share in 2017

Table Asia-Pacific Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide

Field Effect Transistor Revenue in 2016 and 2017

Table Asia-Pacific Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide

Field Effect Transistor Revenue Market Share (%) in 2016 and 2017

Figure Asia-Pacific Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide

Field Effect Transistor Revenue Share in 2016

Figure Asia-Pacific Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide

Field Effect Transistor Revenue Share in 2017

Table Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect

Transistor Sales by Type (2013-2018)

Figure Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect

Transistor Sales Market Share by Type in 2017

Table Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect

Transistor Sales Market Share by Type (2013-2018)

Figure Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

Table Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Type (2013-2018)

Table Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

Figure Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

Figure Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type in 2017

Table Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Price by Type (2013-2018)

Table Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Application (2013-2018)

Figure Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Application in 2017

Table Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

Figure Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

Table Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Country (2013-2018)

Figure Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country in 2017

Table Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country (2013-2018)

Figure Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country (2013-2018)

Table Asia-Pacific Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Import & Export (2013-2018)

Table South America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales in 2016 and 2017

Table South America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share (%) in 2016 and 2017

Figure South America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Share in 2016

Figure South America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Share in 2017

Table South America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide



Field Effect Transistor Revenue in 2016 and 2017

Table South America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share (%) in 2016 and 2017

Figure South America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Share in 2016

Figure South America Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Share in 2017

Table South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Type (2013-2018)

Figure South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Type in 2017

Table South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

Figure South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

Table South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Type (2013-2018)

Figure South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Type in 2017

Table South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

Figure South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

Table South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Price by Type (2013-2018)

Table South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Application (2013-2018)

Figure South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Application in 2017

Table South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

Figure South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

Table South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Country (2013-2018)

Figure South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Country in 2017

Table South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country (2013-2018)

Figure South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country (2013-2018)

Table South America Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Import & Export (2013-2018)

Table Middle East & Africa Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales in 2016 and 2017

Table Middle East & Africa Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share (%) in 2016 and 2017

Figure Middle East & Africa Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Share in 2016

Figure Middle East & Africa Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Share in 2017

Table Middle East & Africa Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue in 2016 and 2017

Table Middle East & Africa Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share (%) in 2016 and 2017

Figure Middle East & Africa Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Share in 2016

Figure Middle East & Africa Top 5 Players Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Share in 2017

Table Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Type (2013-2018)

Figure Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Type in 2017

Table Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

Figure Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Type (2013-2018)

Table Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Type (2013-2018)

Figure Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue by Type in 2017

Table Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

Figure Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue Market Share by Type (2013-2018)

Table Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Price by Type (2013-2018)

Table Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field

Effect Transistor Sales by Application (2013-2018)

Figure Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Application in 2017

Table Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

Figure Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Application (2013-2018)

Table Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Country (2013-2018)

Figure Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales by Country in 2017

Table Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country (2013-2018)

Figure Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share by Country (2013-2018)

Table Middle East & Africa Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Import & Export (2013-2018)

Table Fairchild Semiconductor International Inc Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Fairchild Semiconductor International Inc Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Fairchild Semiconductor International Inc Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Market Share (2013-2018)

Table STMicroelectronics Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table STMicroelectronics Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

Figure STMicroelectronics Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Market Share (2013-2018)

Table ABB Ltd Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table ABB Ltd Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

Figure ABB Ltd Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Market Share (2013-2018)

Table Hitachi Power Semiconductor Device Ltd Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Hitachi Power Semiconductor Device Ltd Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin

(2013-2018)

Figure Hitachi Power Semiconductor Device Ltd Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Market Share (2013-2018)

Table Toshiba Corporation Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Toshiba Corporation Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Toshiba Corporation Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Market Share (2013-2018)

Table Mitsubishi Electric Corporation Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Mitsubishi Electric Corporation Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Mitsubishi Electric Corporation Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Market Share (2013-2018)

Table Infineon Technologies AG Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Infineon Technologies AG Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Infineon Technologies AG Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Market Share (2013-2018)

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales and Growth Rate Forecast (2018-2023)

Figure Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Revenue and Growth Rate Forecast (2018-2023)

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Forecast by Regions (2018-2023)

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share Forecast by Regions (2018-2023)

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Forecast by Type (2018-2023)

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share Forecast by Type (2018-2023)

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Forecast by Application (2018-2023)

Table Global Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Sales Market Share Forecast by Application (2018-2023)

Table Sales Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor

Figure Manufacturing Process Analysis of Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor

Figure Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Industrial Chain Analysis

Table Raw Materials Sources of Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor Major Players in 2017

Table Major Buyers of Insulated Gate Bipolar Transistors and Metal Oxide Field Effect Transistor

Table Distributors/Traders List

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