

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Plating for Microelectronics Market 2018, Forecast to 2023

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## Abstracts

Metal plating (also known as electroplating or electrodeposition) is a coating technology that deposits a thin layer of a metal or alloy on a conductive surface to impart particular functional or aesthetic properties. During the plating process, the object to be plated functions as the positively charged cathode while the desired plating material serves as the negatively charged anode and source of the metallic ions that will form the final coating. Immersing both materials in a bath or solution of electrolyte salts and adding an electrical current causes an oxidation/reduction reaction on the surface of the cathode where the metallic ions are deposited.

There are numerous metals commonly used as plating materials such as zinc, copper, chromium, and nickel. which impart wear and corrosion resistance, improve strength, and enhance solderability. Precious metal coatings are especially important to the electronics and semiconductor industries.

### SCOPE OF THE REPORT:

This report focuses on the Plating for Microelectronics in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. The market is majorly driven by the increasing demand from the microelectronics industry verticals. In this modern era, the disruptiveness of technology innovations in the consumer electronics sector is fast paced and the innovations are becoming easily accessible and affordable. The growing consumer needs, emergence of many new start-ups, IP infringement issues, and strong competition are forcing manufacturers to innovate and continuously assess growth opportunities.

China is by far the largest consumer of semiconductors; it accounts for about 45 percent

of the worldwide demand for chips, used both in China and for exports. But more than 90 percent of its consumption relies on imported integrated circuits. Integrated-circuit companies in China entered the semiconductor market late—some two decades after the rest of the world—and have been playing catch-up ever since in an industry in which success depends on scale and learning efficiencies. The Chinese government made several attempts to build a local semiconductor industry, but none really took hold. Now, however, things are changing on both the business and policy fronts.

The leading companies own the advantages on better performance, more abundant product's types, better technical and impeccable after-sales service. Consequently, they take the majority of the market share of high-end market. Looking to the future years, the slow downward price trend in recent years will maintain. As competition intensifies, prices gap between different brands will go narrowing. Similarly, there will be fluctuation in gross margin.

The worldwide market for Plating for Microelectronics is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

DOW

Mitsubishi Materials Corporation

Heraeus

XiLong Scientific

Atotech

Yamato Denki

Meltex

Ishihara Chemical

Raschig GmbH

Japan Pure Chemical

Coatech

MAGNETO special anodes

Vopelius Chemie AG

Moses Lake Industries

JCU International

#### Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Argentina, Colombia etc.)

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

#### Market Segment by Type, covers

Gold

Zinc

Nickel

Bronze

Tin

Copper

Others

Market Segment by Applications, can be divided into

MEMS

PCB

IC

Photoelectron

Others

There are 15 Chapters to deeply display the global Plating for Microelectronics market.

Chapter 1, to describe Plating for Microelectronics Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Plating for Microelectronics, with sales, revenue, and price of Plating for Microelectronics, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Plating for Microelectronics, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Plating for Microelectronics market forecast, by regions, type and

application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Plating for Microelectronics sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

## Contents

### 1 MARKET OVERVIEW

- 1.1 Plating for Microelectronics Introduction
- 1.2 Market Analysis by Type
  - 1.2.1 Gold
  - 1.2.2 Zinc
  - 1.2.3 Nickel
  - 1.2.4 Bronze
  - 1.2.5 Tin
  - 1.2.6 Copper
  - 1.2.7 Others
- 1.3 Market Analysis by Applications
  - 1.3.1 MEMS
  - 1.3.2 PCB
  - 1.3.3 IC
  - 1.3.4 Photoelectron
  - 1.3.5 Others
- 1.4 Market Analysis by Regions
  - 1.4.1 North America (United States, Canada and Mexico)
    - 1.4.1.1 United States Market States and Outlook (2013-2023)
    - 1.4.1.2 Canada Market States and Outlook (2013-2023)
    - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
  - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
    - 1.4.2.1 Germany Market States and Outlook (2013-2023)
    - 1.4.2.2 France Market States and Outlook (2013-2023)
    - 1.4.2.3 UK Market States and Outlook (2013-2023)
    - 1.4.2.4 Russia Market States and Outlook (2013-2023)
    - 1.4.2.5 Italy Market States and Outlook (2013-2023)
  - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
    - 1.4.3.1 China Market States and Outlook (2013-2023)
    - 1.4.3.2 Japan Market States and Outlook (2013-2023)
    - 1.4.3.3 Korea Market States and Outlook (2013-2023)
    - 1.4.3.4 India Market States and Outlook (2013-2023)
    - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
  - 1.4.4 South America, Middle East and Africa
    - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
    - 1.4.4.2 Egypt Market States and Outlook (2013-2023)

- 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
- 1.4.4.4 South Africa Market States and Outlook (2013-2023)
- 1.4.4.5 Nigeria Market States and Outlook (2013-2023)

## 1.5 Market Dynamics

- 1.5.1 Market Opportunities
- 1.5.2 Market Risk
- 1.5.3 Market Driving Force

## 2 MANUFACTURERS PROFILES

### 2.1 DOW

#### 2.1.1 Business Overview

##### 2.1.1.1 DOW Description

##### 2.1.1.2 DOW Headquarter, Main Business and Finance Overview

#### 2.1.2 DOW Plating for Microelectronics Product Introduction

##### 2.1.2.1 Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

##### 2.1.2.2 Plating for Microelectronics Product Information

#### 2.1.3 DOW Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.1.3.1 DOW Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.1.3.2 Global DOW Plating for Microelectronics Market Share in 2017

### 2.2 Mitsubishi Materials Corporation

#### 2.2.1 Business Overview

##### 2.2.1.1 Mitsubishi Materials Corporation Description

##### 2.2.1.2 Mitsubishi Materials Corporation Headquarter, Main Business and Finance Overview

#### 2.2.2 Mitsubishi Materials Corporation Plating for Microelectronics Product Introduction

##### 2.2.2.1 Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

##### 2.2.2.2 Plating for Microelectronics Product Information

#### 2.2.3 Mitsubishi Materials Corporation Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.2.3.1 Mitsubishi Materials Corporation Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.2.3.2 Global Mitsubishi Materials Corporation Plating for Microelectronics Market Share in 2017

### 2.3 Heraeus

### 2.3.1 Business Overview

#### 2.3.1.1 Heraeus Description

#### 2.3.1.2 Heraeus Headquarter, Main Business and Finance Overview

### 2.3.2 Heraeus Plating for Microelectronics Product Introduction

#### 2.3.2.1 Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

#### 2.3.2.2 Plating for Microelectronics Product Information

### 2.3.3 Heraeus Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.3.3.1 Heraeus Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.3.3.2 Global Heraeus Plating for Microelectronics Market Share in 2017

## 2.4 XiLong Scientific

### 2.4.1 Business Overview

#### 2.4.1.1 XiLong Scientific Description

#### 2.4.1.2 XiLong Scientific Headquarter, Main Business and Finance Overview

### 2.4.2 XiLong Scientific Plating for Microelectronics Product Introduction

#### 2.4.2.1 Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

#### 2.4.2.2 Plating for Microelectronics Product Information

### 2.4.3 XiLong Scientific Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.4.3.1 XiLong Scientific Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.4.3.2 Global XiLong Scientific Plating for Microelectronics Market Share in 2017

## 2.5 Atotech

### 2.5.1 Business Overview

#### 2.5.1.1 Atotech Description

#### 2.5.1.2 Atotech Headquarter, Main Business and Finance Overview

### 2.5.2 Atotech Plating for Microelectronics Product Introduction

#### 2.5.2.1 Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

#### 2.5.2.2 Plating for Microelectronics Product Information

### 2.5.3 Atotech Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.5.3.1 Atotech Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.5.3.2 Global Atotech Plating for Microelectronics Market Share in 2017

## 2.6 Yamato Denki



## 2.6.1 Business Overview

### 2.6.1.1 Yamato Denki Description

### 2.6.1.2 Yamato Denki Headquarter, Main Business and Finance Overview

## 2.6.2 Yamato Denki Plating for Microelectronics Product Introduction

### 2.6.2.1 Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

### 2.6.2.2 Plating for Microelectronics Product Information

## 2.6.3 Yamato Denki Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.6.3.1 Yamato Denki Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.6.3.2 Global Yamato Denki Plating for Microelectronics Market Share in 2017

## 2.7 Meltex

### 2.7.1 Business Overview

### 2.7.1.1 Meltex Description

### 2.7.1.2 Meltex Headquarter, Main Business and Finance Overview

## 2.7.2 Meltex Plating for Microelectronics Product Introduction

### 2.7.2.1 Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

### 2.7.2.2 Plating for Microelectronics Product Information

## 2.7.3 Meltex Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.7.3.1 Meltex Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.7.3.2 Global Meltex Plating for Microelectronics Market Share in 2017

## 2.8 Ishihara Chemical

### 2.8.1 Business Overview

### 2.8.1.1 Ishihara Chemical Description

### 2.8.1.2 Ishihara Chemical Headquarter, Main Business and Finance Overview

## 2.8.2 Ishihara Chemical Plating for Microelectronics Product Introduction

### 2.8.2.1 Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

### 2.8.2.2 Plating for Microelectronics Product Information

## 2.8.3 Ishihara Chemical Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.8.3.1 Ishihara Chemical Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.8.3.2 Global Ishihara Chemical Plating for Microelectronics Market Share in 2017

## 2.9 Raschig GmbH

- 2.9.1 Business Overview
  - 2.9.1.1 Raschig GmbH Description
  - 2.9.1.2 Raschig GmbH Headquarter, Main Business and Finance Overview
- 2.9.2 Raschig GmbH Plating for Microelectronics Product Introduction
  - 2.9.2.1 Plating for Microelectronics Production Bases, Sales Regions and Major Competitors
  - 2.9.2.2 Plating for Microelectronics Product Information
- 2.9.3 Raschig GmbH Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
  - 2.9.3.1 Raschig GmbH Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
  - 2.9.3.2 Global Raschig GmbH Plating for Microelectronics Market Share in 2017
- 2.10 Japan Pure Chemical
  - 2.10.1 Business Overview
    - 2.10.1.1 Japan Pure Chemical Description
    - 2.10.1.2 Japan Pure Chemical Headquarter, Main Business and Finance Overview
  - 2.10.2 Japan Pure Chemical Plating for Microelectronics Product Introduction
    - 2.10.2.1 Plating for Microelectronics Production Bases, Sales Regions and Major Competitors
    - 2.10.2.2 Plating for Microelectronics Product Information
  - 2.10.3 Japan Pure Chemical Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
    - 2.10.3.1 Japan Pure Chemical Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
    - 2.10.3.2 Global Japan Pure Chemical Plating for Microelectronics Market Share in 2017
- 2.11 Coatech
  - 2.11.1 Business Overview
  - 2.11.2 Coatech Plating for Microelectronics Product Introduction
  - 2.11.3 Coatech Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.12 MAGNETO special anodes
  - 2.12.1 Business Overview
  - 2.12.2 MAGNETO special anodes Plating for Microelectronics Product Introduction
  - 2.12.3 MAGNETO special anodes Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.13 Vopelius Chemie AG
  - 2.13.1 Business Overview
  - 2.13.2 Vopelius Chemie AG Plating for Microelectronics Product Introduction

2.13.3 Vopelius Chemie AG Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.14 Moses Lake Industries

2.14.1 Business Overview

2.14.2 Moses Lake Industries Plating for Microelectronics Product Introduction

2.14.3 Moses Lake Industries Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.15 JCU International

2.15.1 Business Overview

2.15.2 JCU International Plating for Microelectronics Product Introduction

2.15.3 JCU International Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### **3 GLOBAL PLATING FOR MICROELECTRONICS MARKET COMPETITION, BY MANUFACTURER**

3.1 Global Plating for Microelectronics Sales and Market Share by Manufacturer (2016-2017)

3.2 Global Plating for Microelectronics Revenue and Market Share by Manufacturer (2016-2017)

3.3 Global Plating for Microelectronics Price by Manufacturer (2016-2017)

3.4 Market Concentration Rate

3.4.1 Top 3 Plating for Microelectronics Manufacturer Market Share in 2017

3.4.2 Top 5 Plating for Microelectronics Manufacturer Market Share in 2017

3.5 Market Competition Trend

### **4 GLOBAL PLATING FOR MICROELECTRONICS MARKET ANALYSIS BY REGIONS**

4.1 Global Plating for Microelectronics Sales, Revenue and Market Share by Regions

4.1.1 Global Plating for Microelectronics Sales by Regions (2013-2018)

4.1.2 Global Plating for Microelectronics Revenue by Regions (2013-2018)

4.2 North America Plating for Microelectronics Sales, Revenue and Growth Rate (2013-2018)

4.3 Europe Plating for Microelectronics Sales, Revenue and Growth Rate (2013-2018)

4.4 Asia-Pacific Plating for Microelectronics Sales, Revenue and Growth Rate (2013-2018)

4.5 South America Plating for Microelectronics Sales, Revenue and Growth Rate (2013-2018)

4.6 Middle East and Africa Plating for Microelectronics Sales, Revenue and Growth Rate (2013-2018)

## **5 NORTH AMERICA PLATING FOR MICROELECTRONICS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

5.1 North America Plating for Microelectronics Sales, Revenue and Market Share by Countries

5.1.1 North America Plating for Microelectronics Sales by Countries (2013-2018)

5.1.2 North America Plating for Microelectronics Revenue by Countries (2013-2018)

5.1.3 United States Plating for Microelectronics Sales and Growth Rate (2013-2018)

5.1.4 Canada Plating for Microelectronics Sales and Growth Rate (2013-2018)

5.1.5 Mexico Plating for Microelectronics Sales and Growth Rate (2013-2018)

5.2 North America Plating for Microelectronics Sales and Revenue (Value) by Manufacturers (2016-2017)

5.2.1 North America Plating for Microelectronics Sales by Manufacturers (2016-2017)

5.2.2 North America Plating for Microelectronics Revenue by Manufacturers (2016-2017)

5.3 North America Plating for Microelectronics Sales, Revenue and Market Share by Type (2013-2018)

5.3.1 North America Plating for Microelectronics Sales and Sales Share by Type (2013-2018)

5.3.2 North America Plating for Microelectronics Revenue and Revenue Share by Type (2013-2018)

5.4 North America Plating for Microelectronics Sales, Revenue and Market Share by Application (2013-2018)

5.4.1 North America Plating for Microelectronics Sales and Sales Share by Application (2013-2018)

5.4.2 North America Plating for Microelectronics Revenue and Revenue Share by Application (2013-2018)

## **6 EUROPE PLATING FOR MICROELECTRONICS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

6.1 Europe Plating for Microelectronics Sales, Revenue and Market Share by Countries

6.1.1 Europe Plating for Microelectronics Sales by Countries (2013-2018)

6.1.2 Europe Plating for Microelectronics Revenue by Countries (2013-2018)

6.1.3 Germany Plating for Microelectronics Sales and Growth Rate (2013-2018)

6.1.4 UK Plating for Microelectronics Sales and Growth Rate (2013-2018)

- 6.1.5 France Plating for Microelectronics Sales and Growth Rate (2013-2018)
- 6.1.6 Russia Plating for Microelectronics Sales and Growth Rate (2013-2018)
- 6.1.7 Italy Plating for Microelectronics Sales and Growth Rate (2013-2018)
- 6.2 Europe Plating for Microelectronics Sales and Revenue (Value) by Manufacturers (2016-2017)
  - 6.2.1 Europe Plating for Microelectronics Sales by Manufacturers (2016-2017)
  - 6.2.2 Europe Plating for Microelectronics Revenue by Manufacturers (2016-2017)
- 6.3 Europe Plating for Microelectronics Sales, Revenue and Market Share by Type (2013-2018)
  - 6.3.1 Europe Plating for Microelectronics Sales and Sales Share by Type (2013-2018)
  - 6.3.2 Europe Plating for Microelectronics Revenue and Revenue Share by Type (2013-2018)
- 6.4 Europe Plating for Microelectronics Sales, Revenue and Market Share by Application (2013-2018)
  - 6.4.1 Europe Plating for Microelectronics Sales and Sales Share by Application (2013-2018)
  - 6.4.2 Europe Plating for Microelectronics Revenue and Revenue Share by Application (2013-2018)

## **7 ASIA-PACIFIC PLATING FOR MICROELECTRONICS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

- 7.1 Asia-Pacific Plating for Microelectronics Sales, Revenue and Market Share by Countries
  - 7.1.1 Asia-Pacific Plating for Microelectronics Sales by Countries (2013-2018)
  - 7.1.2 Asia-Pacific Plating for Microelectronics Revenue by Countries (2013-2018)
  - 7.1.3 China Plating for Microelectronics Sales and Growth Rate (2013-2018)
  - 7.1.4 Japan Plating for Microelectronics Sales and Growth Rate (2013-2018)
  - 7.1.5 Korea Plating for Microelectronics Sales and Growth Rate (2013-2018)
  - 7.1.6 India Plating for Microelectronics Sales and Growth Rate (2013-2018)
  - 7.1.7 Southeast Asia Plating for Microelectronics Sales and Growth Rate (2013-2018)
- 7.2 Asia-Pacific Plating for Microelectronics Sales and Revenue (Value) by Manufacturers (2016-2017)
  - 7.2.1 Asia-Pacific Plating for Microelectronics Sales by Manufacturers (2016-2017)
  - 7.2.2 Asia-Pacific Plating for Microelectronics Revenue by Manufacturers (2016-2017)
- 7.3 Asia-Pacific Plating for Microelectronics Sales, Revenue and Market Share by Type (2013-2018)
  - 7.3.1 Asia-Pacific Plating for Microelectronics Sales and Sales Share by Type (2013-2018)

7.3.2 Asia-Pacific Plating for Microelectronics Revenue and Revenue Share by Type (2013-2018)

7.4 Asia-Pacific Plating for Microelectronics Sales, Revenue and Market Share by Application (2013-2018)

7.4.1 Asia-Pacific Plating for Microelectronics Sales and Sales Share by Application (2013-2018)

7.4.2 Asia-Pacific Plating for Microelectronics Revenue and Revenue Share by Application (2013-2018)

## **8 SOUTH AMERICA PLATING FOR MICROELECTRONICS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

8.1 South America Plating for Microelectronics Sales, Revenue and Market Share by Countries

8.1.1 South America Plating for Microelectronics Sales by Countries (2013-2018)

8.1.2 South America Plating for Microelectronics Revenue by Countries (2013-2018)

8.1.3 Brazil Plating for Microelectronics Sales and Growth Rate (2013-2018)

8.1.4 Argentina Plating for Microelectronics Sales and Growth Rate (2013-2018)

8.1.5 Colombia Plating for Microelectronics Sales and Growth Rate (2013-2018)

8.2 South America Plating for Microelectronics Sales and Revenue (Value) by Manufacturers (2016-2017)

8.2.1 South America Plating for Microelectronics Sales by Manufacturers (2016-2017)

8.2.2 South America Plating for Microelectronics Revenue by Manufacturers (2016-2017)

8.3 South America Plating for Microelectronics Sales, Revenue and Market Share by Type (2013-2018)

8.3.1 South America Plating for Microelectronics Sales and Sales Share by Type (2013-2018)

8.3.2 South America Plating for Microelectronics Revenue and Revenue Share by Type (2013-2018)

8.4 South America Plating for Microelectronics Sales, Revenue and Market Share by Application (2013-2018)

8.4.1 South America Plating for Microelectronics Sales and Sales Share by Application (2013-2018)

8.4.2 South America Plating for Microelectronics Revenue and Revenue Share by Application (2013-2018)

## **9 MIDDLE EAST AND AFRICA PLATING FOR MICROELECTRONICS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

## 9.1 Middle East and Africa Plating for Microelectronics Sales, Revenue and Market Share by Countries

9.1.1 Middle East and Africa Plating for Microelectronics Sales by Countries (2013-2018)

9.1.2 Middle East and Africa Plating for Microelectronics Revenue by Countries (2013-2018)

9.1.3 Saudi Arabia Plating for Microelectronics Sales and Growth Rate (2013-2018)

9.1.4 UAE Plating for Microelectronics Sales and Growth Rate (2013-2018)

9.1.5 Egypt Plating for Microelectronics Sales and Growth Rate (2013-2018)

9.1.6 Nigeria Plating for Microelectronics Sales and Growth Rate (2013-2018)

9.1.7 South Africa Plating for Microelectronics Sales and Growth Rate (2013-2018)

## 9.2 Middle East and Africa Plating for Microelectronics Sales and Revenue (Value) by Manufacturers (2016-2017)

9.2.1 Middle East and Africa Plating for Microelectronics Sales by Manufacturers (2016-2017)

9.2.2 Middle East and Africa Plating for Microelectronics Revenue by Manufacturers (2016-2017)

## 9.3 Middle East and Africa Plating for Microelectronics Sales, Revenue and Market Share by Type (2013-2018)

9.3.1 Middle East and Africa Plating for Microelectronics Sales and Sales Share by Type (2013-2018)

9.3.1 Middle East and Africa Plating for Microelectronics Revenue and Revenue Share by Type (2013-2018)

## 9.4 Middle East and Africa Plating for Microelectronics Sales, Revenue and Market Share by Application (2013-2018)

9.4.1 Middle East and Africa Plating for Microelectronics Sales and Sales Share by Application (2013-2018)

9.4.2 Middle East and Africa Plating for Microelectronics Revenue and Revenue Share by Application (2013-2018)

# 10 GLOBAL PLATING FOR MICROELECTRONICS MARKET SEGMENT BY TYPE

## 10.1 Global Plating for Microelectronics Sales, Revenue and Market Share by Type (2013-2018)

10.1.1 Global Plating for Microelectronics Sales and Market Share by Type (2013-2018)

10.1.2 Global Plating for Microelectronics Revenue and Market Share by Type (2013-2018)

- 10.2 Gold Sales Growth and Price
  - 10.2.1 Global Gold Sales Growth (2013-2018)
  - 10.2.2 Global Gold Price (2013-2018)
- 10.3 Zinc Sales Growth and Price
  - 10.3.1 Global Zinc Sales Growth (2013-2018)
  - 10.3.2 Global Zinc Price (2013-2018)
- 10.4 Nickel Sales Growth and Price
  - 10.4.1 Global Nickel Sales Growth (2013-2018)
  - 10.4.2 Global Nickel Price (2013-2018)
- 10.5 Bronze Sales Growth and Price
  - 10.5.1 Global Bronze Sales Growth (2013-2018)
  - 10.5.2 Global Bronze Price (2013-2018)
- 10.6 Tin Sales Growth and Price
  - 10.6.1 Global Tin Sales Growth (2013-2018)
  - 10.6.2 Global Tin Price (2013-2018)
- 10.7 Copper Sales Growth and Price
  - 10.7.1 Global Copper Sales Growth (2013-2018)
  - 10.7.2 Global Copper Price (2013-2018)
- 10.8 Others Sales Growth and Price
  - 10.8.1 Global Others Sales Growth (2013-2018)
  - 10.8.2 Global Others Price (2013-2018)

## **11 GLOBAL PLATING FOR MICROELECTRONICS MARKET SEGMENT BY APPLICATION**

- 11.1 Global Plating for Microelectronics Sales Market Share by Application (2013-2018)
- 11.2 MEMS Sales Growth (2013-2018)
- 11.3 PCB Sales Growth (2013-2018)
- 11.4 IC Sales Growth (2013-2018)
- 11.5 Photoelectron Sales Growth (2013-2018)
- 11.6 Others Sales Growth (2013-2018)

## **12 PLATING FOR MICROELECTRONICS MARKET FORECAST (2018-2023)**

- 12.1 Global Plating for Microelectronics Sales, Revenue and Growth Rate (2018-2023)
- 12.2 Plating for Microelectronics Market Forecast by Regions (2018-2023)
  - 12.2.1 North America Plating for Microelectronics Market Forecast (2018-2023)
  - 12.2.2 Europe Plating for Microelectronics Market Forecast (2018-2023)
  - 12.2.3 Asia-Pacific Plating for Microelectronics Market Forecast (2018-2023)



- 12.2.4 South America Plating for Microelectronics Market Forecast (2018-2023)
- 12.2.5 Middle East and Africa Plating for Microelectronics Market Forecast (2018-2023)
- 12.3 Plating for Microelectronics Market Forecast by Type (2018-2023)
  - 12.3.1 Global Plating for Microelectronics Sales Forecast by Type (2018-2023)
  - 12.3.2 Global Plating for Microelectronics Market Share Forecast by Type (2018-2023)
- 12.4 Plating for Microelectronics Market Forecast by Application (2018-2023)
  - 12.4.1 Global Plating for Microelectronics Sales Forecast by Application (2018-2023)
  - 12.4.2 Global Plating for Microelectronics Market Share Forecast by Application (2018-2023)

## **13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS**

- 13.1 Sales Channel
  - 13.1.1 Direct Marketing
  - 13.1.2 Indirect Marketing
  - 13.1.3 Marketing Channel Future Trend
- 13.2 Distributors, Traders and Dealers

## **14 RESEARCH FINDINGS AND CONCLUSION**

## **15 APPENDIX**

- 15.1 Methodology
- 15.2 Data Source

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Plating for Microelectronics Picture

Table Product Specifications of Plating for Microelectronics

Figure Global Plating for Microelectronics CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global Plating for Microelectronics CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of Plating for Microelectronics by Types in 2017

Figure Gold Picture

Table Major Manufacturers of Gold

Figure Zinc Picture

Table Major Manufacturers of Zinc

Figure Nickel Picture

Table Major Manufacturers of Nickel

Figure Bronze Picture

Table Major Manufacturers of Bronze

Figure Tin Picture

Table Major Manufacturers of Tin

Figure Copper Picture

Table Major Manufacturers of Copper

Figure Others Picture

Table Major Manufacturers of Others

Figure Plating for Microelectronics Sales Market Share by Applications in 2017

Figure MEMS Picture

Figure PCB Picture

Figure IC Picture

Figure Photoelectron Picture

Figure Others Picture

Figure United States Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure France Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure UK Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure Russia Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure Italy Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure China Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure Japan Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure Korea Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure India Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria Plating for Microelectronics Revenue (Value) and Growth Rate (2013-2023)

Table DOW Headquarter, Established, Main Business and Finance Overview (2017)

Table DOW Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

Table DOW Plating for Microelectronics Product

Table DOW Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global DOW Plating for Microelectronics Sales Market Share in 2017

Figure Global DOW Plating for Microelectronics Revenue Market Share in 2017

Table Mitsubishi Materials Corporation Headquarter, Established, Main Business and Finance Overview (2017)

Table Mitsubishi Materials Corporation Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

Table Mitsubishi Materials Corporation Plating for Microelectronics Product

Table Mitsubishi Materials Corporation Plating for Microelectronics Sales, Price,

Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Mitsubishi Materials Corporation Plating for Microelectronics Sales Market Share in 2017

Figure Global Mitsubishi Materials Corporation Plating for Microelectronics Revenue Market Share in 2017

Table Heraeus Headquarter, Established, Main Business and Finance Overview (2017)

Table Heraeus Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

Table Heraeus Plating for Microelectronics Product

Table Heraeus Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Heraeus Plating for Microelectronics Sales Market Share in 2017

Figure Global Heraeus Plating for Microelectronics Revenue Market Share in 2017

Table XiLong Scientific Headquarter, Established, Main Business and Finance Overview (2017)

Table XiLong Scientific Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

Table XiLong Scientific Plating for Microelectronics Product

Table XiLong Scientific Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global XiLong Scientific Plating for Microelectronics Sales Market Share in 2017

Figure Global XiLong Scientific Plating for Microelectronics Revenue Market Share in 2017

Table Atotech Headquarter, Established, Main Business and Finance Overview (2017)

Table Atotech Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

Table Atotech Plating for Microelectronics Product

Table Atotech Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Atotech Plating for Microelectronics Sales Market Share in 2017

Figure Global Atotech Plating for Microelectronics Revenue Market Share in 2017

Table Yamato Denki Headquarter, Established, Main Business and Finance Overview (2017)

Table Yamato Denki Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

Table Yamato Denki Plating for Microelectronics Product

Table Yamato Denki Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Yamato Denki Plating for Microelectronics Sales Market Share in 2017

Figure Global Yamato Denki Plating for Microelectronics Revenue Market Share in 2017

Table Meltex Headquarter, Established, Main Business and Finance Overview (2017)

Table Meltex Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

Table Meltex Plating for Microelectronics Product

Table Meltex Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Meltex Plating for Microelectronics Sales Market Share in 2017

Figure Global Meltex Plating for Microelectronics Revenue Market Share in 2017

Table Ishihara Chemical Headquarter, Established, Main Business and Finance Overview (2017)

Table Ishihara Chemical Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

Table Ishihara Chemical Plating for Microelectronics Product

Table Ishihara Chemical Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Ishihara Chemical Plating for Microelectronics Sales Market Share in 2017

Figure Global Ishihara Chemical Plating for Microelectronics Revenue Market Share in 2017

Table Raschig GmbH Headquarter, Established, Main Business and Finance Overview (2017)

Table Raschig GmbH Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

Table Raschig GmbH Plating for Microelectronics Product

Table Raschig GmbH Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Raschig GmbH Plating for Microelectronics Sales Market Share in 2017

Figure Global Raschig GmbH Plating for Microelectronics Revenue Market Share in 2017

Table Japan Pure Chemical Headquarter, Established, Main Business and Finance Overview (2017)

Table Japan Pure Chemical Plating for Microelectronics Production Bases, Sales Regions and Major Competitors

Table Japan Pure Chemical Plating for Microelectronics Product

Table Japan Pure Chemical Plating for Microelectronics Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Japan Pure Chemical Plating for Microelectronics Sales Market Share in 2017

Figure Global Japan Pure Chemical Plating for Microelectronics Revenue Market Share in 2017

Table Coatech

Table Coatech Plating for Microelectronics

Table MAGNETO special anodes

Table MAGNETO special anodes Plating for Microelectronics

Table Vopelius Chemie AG

Table Vopelius Chemie AG Plating for Microelectronics

Table Moses Lake Industries

Table Moses Lake Industries Plating for Microelectronics

Table JCU International

Table JCU International Plating for Microelectronics

Table Global Plating for Microelectronics Sales by Manufacturer (2016-2017)

Figure Global Plating for Microelectronics Sales Market Share by Manufacturer in 2016

Figure Global Plating for Microelectronics Sales Market Share by Manufacturer in 2017

Table Global Plating for Microelectronics Revenue by Manufacturer (2016-2017)

Figure Global Plating for Microelectronics Revenue Market Share by Manufacturer in 2016

Figure Global Plating for Microelectronics Revenue Market Share by Manufacturer in 2017

Table Global Plating for Microelectronics Price by Manufacturer (2016-2017)

Figure Top 3 Plating for Microelectronics Manufacturer (Revenue) Market Share in 2017

Figure Top 6 Plating for Microelectronics Manufacturer (Revenue) Market Share in 2017

Figure Global Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure Global Plating for Microelectronics Revenue and Growth Rate (2013-2018)

Table Global Plating for Microelectronics Sales by Regions (2013-2018)

Table Global Plating for Microelectronics Sales Market Share by Regions (2013-2018)

Table Global Plating for Microelectronics Revenue by Regions (2013-2018)

Figure Global Plating for Microelectronics Revenue Market Share by Regions in 2013

Figure Global Plating for Microelectronics Revenue Market Share by Regions in 2017

Figure North America Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure North America Plating for Microelectronics Revenue and Growth Rate (2013-2018)

Figure Europe Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure Europe Plating for Microelectronics Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure Asia-Pacific Plating for Microelectronics Revenue and Growth Rate (2013-2018)

Figure South America Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure South America Plating for Microelectronics Revenue and Growth Rate

(2013-2018)

Figure Middle East and Africa Plating for Microelectronics Sales and Growth Rate

(2013-2018)

Figure Middle East and Africa Plating for Microelectronics Revenue and Growth Rate

(2013-2018)

Figure North America Plating for Microelectronics Revenue and Growth Rate

(2013-2018)

Table North America Plating for Microelectronics Sales by Countries (2013-2018)

Table North America Plating for Microelectronics Sales Market Share by Countries

(2013-2018)

Figure North America Plating for Microelectronics Sales Market Share by Countries in 2013

Figure North America Plating for Microelectronics Sales Market Share by Countries in 2017

Table North America Plating for Microelectronics Revenue by Countries (2013-2018)

Table North America Plating for Microelectronics Revenue Market Share by Countries

(2013-2018)

Figure North America Plating for Microelectronics Revenue Market Share by Countries in 2013

Figure North America Plating for Microelectronics Revenue Market Share by Countries in 2017

Figure United States Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure Canada Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure Mexico Plating for Microelectronics Sales and Growth Rate (2013-2018)

Table North America Plating for Microelectronics Sales by Manufacturer (2016-2017)

Figure North America Plating for Microelectronics Sales Market Share by Manufacturer in 2016

Figure North America Plating for Microelectronics Sales Market Share by Manufacturer in 2017

Table North America Plating for Microelectronics Revenue by Manufacturer (2016-2017)

Figure North America Plating for Microelectronics Revenue Market Share by Manufacturer in 2016

Figure North America Plating for Microelectronics Revenue Market Share by Manufacturer in 2017

Table North America Plating for Microelectronics Sales by Type (2013-2018)

Table North America Plating for Microelectronics Sales Share by Type (2013-2018)

Table North America Plating for Microelectronics Revenue by Type (2013-2018)

Table North America Plating for Microelectronics Revenue Share by Type (2013-2018)

Table North America Plating for Microelectronics Sales by Application (2013-2018)

Table North America Plating for Microelectronics Sales Share by Application (2013-2018)

Table North America Plating for Microelectronics Revenue by Application (2013-2018)

Table North America Plating for Microelectronics Revenue Share by Application (2013-2018)

Figure Europe Plating for Microelectronics Revenue and Growth Rate (2013-2018)

Table Europe Plating for Microelectronics Sales by Countries (2013-2018)

Table Europe Plating for Microelectronics Sales Market Share by Countries (2013-2018)

Table Europe Plating for Microelectronics Revenue by Countries (2013-2018)

Figure Europe Plating for Microelectronics Revenue Market Share by Countries in 2016

Figure Europe Plating for Microelectronics Revenue Market Share by Countries in 2017

Figure Germany Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure UK Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure France Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure Russia Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure Italy Plating for Microelectronics Sales and Growth Rate (2013-2018)

Table Europe Plating for Microelectronics Sales by Manufacturer (2016-2017)

Figure Europe Plating for Microelectronics Sales Market Share by Manufacturer in 2016

Figure Europe Plating for Microelectronics Sales Market Share by Manufacturer in 2017

Table Europe Plating for Microelectronics Revenue by Manufacturer (2016-2017)

Figure Europe Plating for Microelectronics Revenue Market Share by Manufacturer in 2016

Figure Europe Plating for Microelectronics Revenue Market Share by Manufacturer in 2017

Table Europe Plating for Microelectronics Sales by Type (2013-2018)

Table Europe Plating for Microelectronics Sales Share by Type (2013-2018)

Table Europe Plating for Microelectronics Revenue by Type (2013-2018)

Table Europe Plating for Microelectronics Revenue Share by Type (2013-2018)

Table Europe Plating for Microelectronics Sales by Application (2013-2018)

Table Europe Plating for Microelectronics Sales Share by Application (2013-2018)

Table Europe Plating for Microelectronics Revenue by Application (2013-2018)

Table Europe Plating for Microelectronics Revenue Share by Application (2013-2018)

Figure Asia-Pacific Plating for Microelectronics Revenue and Growth Rate (2013-2018)

Table Asia-Pacific Plating for Microelectronics Sales by Countries (2013-2018)

Table Asia-Pacific Plating for Microelectronics Sales Market Share by Countries (2013-2018)

Figure Asia-Pacific Plating for Microelectronics Sales Market Share by Countries 2017

Table Asia-Pacific Plating for Microelectronics Revenue by Countries (2013-2018)

Figure Asia-Pacific Plating for Microelectronics Revenue Market Share by Countries



2017

Figure China Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure Japan Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure Korea Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure India Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure Southeast Asia Plating for Microelectronics Sales and Growth Rate (2013-2018)

Table Asia-Pacific Plating for Microelectronics Sales by Manufacturer (2016-2017)

Figure Asia-Pacific Plating for Microelectronics Sales Market Share by Manufacturer in 2016

Figure Asia-Pacific Plating for Microelectronics Sales Market Share by Manufacturer in 2017

Table Asia-Pacific Plating for Microelectronics Revenue by Manufacturer (2016-2017)

Figure Asia-Pacific Plating for Microelectronics Revenue Market Share by Manufacturer in 2016

Figure Asia-Pacific Plating for Microelectronics Revenue Market Share by Manufacturer in 2017

Table Asia-Pacific Plating for Microelectronics Sales by Type (2013-2018)

Table Asia-Pacific Plating for Microelectronics Sales Share by Type (2013-2018)

Table Asia-Pacific Plating for Microelectronics Revenue by Type (2013-2018)

Table Asia-Pacific Plating for Microelectronics Revenue Share by Type (2013-2018)

Table Asia-Pacific Plating for Microelectronics Sales by Application (2013-2018)

Table Asia-Pacific Plating for Microelectronics Sales Share by Application (2013-2018)

Table Asia-Pacific Plating for Microelectronics Revenue by Application (2013-2018)

Table Asia-Pacific Plating for Microelectronics Revenue Share by Application (2013-2018)

Figure South America Plating for Microelectronics Revenue and Growth Rate (2013-2018)

Table South America Plating for Microelectronics Sales by Countries (2013-2018)

Table South America Plating for Microelectronics Sales Market Share by Countries (2013-2018)

Figure South America Plating for Microelectronics Sales Market Share by Countries in 2017

Table South America Plating for Microelectronics Revenue by Countries (2013-2018)

Table South America Plating for Microelectronics Revenue Market Share by Countries (2013-2018)

Figure South America Plating for Microelectronics Revenue Market Share by Countries in 2017

Figure Brazil Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure Argentina Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure Colombia Plating for Microelectronics Sales and Growth Rate (2013-2018)

Table South America Plating for Microelectronics Sales by Manufacturer (2016-2017)

Figure South America Plating for Microelectronics Sales Market Share by Manufacturer in 2016

Figure South America Plating for Microelectronics Sales Market Share by Manufacturer in 2017

Table South America Plating for Microelectronics Revenue by Manufacturer (2016-2017)

Figure South America Plating for Microelectronics Revenue Market Share by Manufacturer in 2016

Figure South America Plating for Microelectronics Revenue Market Share by Manufacturer in 2017

Table South America Plating for Microelectronics Sales by Type (2013-2018)

Table South America Plating for Microelectronics Sales Share by Type (2013-2018)

Table South America Plating for Microelectronics Revenue by Type (2013-2018)

Table South America Plating for Microelectronics Revenue Share by Type (2013-2018)

Table South America Plating for Microelectronics Sales by Application (2013-2018)

Table South America Plating for Microelectronics Sales Share by Application (2013-2018)

Table South America Plating for Microelectronics Revenue by Application (2013-2018)

Table South America Plating for Microelectronics Revenue Share by Application (2013-2018)

Figure Middle East and Africa Plating for Microelectronics Revenue and Growth Rate (2013-2018)

Table Middle East and Africa Plating for Microelectronics Sales by Countries (2013-2018)

Table Middle East and Africa Plating for Microelectronics Sales Market Share by Countries (2013-2018)

Figure Middle East and Africa Plating for Microelectronics Sales Market Share by Countries in 2017

Table Middle East and Africa Plating for Microelectronics Revenue by Countries (2013-2018)

Table Middle East and Africa Plating for Microelectronics Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Plating for Microelectronics Revenue Market Share by Countries in 2013

Figure Middle East and Africa Plating for Microelectronics Revenue Market Share by Countries in 2017

Figure Saudi Arabia Plating for Microelectronics Sales and Growth Rate (2013-2018)

Figure UAE Plating for Microelectronics Sales and Growth Rate (2013-2018)  
Figure Egypt Plating for Microelectronics Sales and Growth Rate (2013-2018)  
Figure Nigeria Plating for Microelectronics Sales and Growth Rate (2013-2018)  
Figure South Africa Plating for Microelectronics Sales and Growth Rate (2013-2018)  
Table Middle East and Africa Plating for Microelectronics Sales by Manufacturer (2016-2017)  
Figure Middle East and Africa Plating for Microelectronics Sales Market Share by Manufacturer in 2016  
Figure Middle East and Africa Plating for Microelectronics Sales Market Share by Manufacturer in 2017  
Table Middle East and Africa Plating for Microelectronics Revenue by Manufacturer (2016-2017)  
Figure Middle East and Africa Plating for Microelectronics Revenue Market Share by Manufacturer in 2016  
Figure Middle East and Africa Plating for Microelectronics Revenue Market Share by Manufacturer in 2017  
Table Middle East and Africa Plating for Microelectronics Sales by Type (2013-2018)  
Table Middle East and Africa Plating for Microelectronics Sales Share by Type (2013-2018)  
Table Middle East and Africa Plating for Microelectronics Revenue by Type (2013-2018)  
Table Middle East and Africa Plating for Microelectronics Revenue Share by Type (2013-2018)  
Table Middle East and Africa Plating for Microelectronics Sales by Application (2013-2018)  
Table Middle East and Africa Plating for Microelectronics Sales Share by Application (2013-2018)  
Table Middle East and Africa Plating for Microelectronics Revenue by Application (2013-2018)  
Table Middle East and Africa Plating for Microelectronics Revenue Share by Application (2013-2018)  
Table Global Plating for Microelectronics Sales by Type (2013-2018)  
Table Global Plating for Microelectronics Sales Share by Type (2013-2018)  
Table Global Plating for Microelectronics Revenue by Type (2013-2018)  
Table Global Plating for Microelectronics Revenue Share by Type (2013-2018)  
Figure Global Gold Sales Growth (2013-2018)  
Figure Global Gold Price (2013-2018)  
Figure Global Zinc Sales Growth (2013-2018)  
Figure Global Zinc Price (2013-2018)  
Figure Global Nickel Sales Growth (2013-2018)

Figure Global Nickel Price (2013-2018)  
Figure Global Bronze Sales Growth (2013-2018)  
Figure Global Bronze Price (2013-2018)  
Figure Global Tin Sales Growth (2013-2018)  
Figure Global Tin Price (2013-2018)  
Figure Global Copper Sales Growth (2013-2018)  
Figure Global Copper Price (2013-2018)  
Figure Global Others Sales Growth (2013-2018)  
Figure Global Others Price (2013-2018)  
Table Global Plating for Microelectronics Sales by Application (2013-2018)  
Table Global Plating for Microelectronics Sales Share by Application (2013-2018)  
Figure Global MEMS Sales Growth (2013-2018)  
Figure Global PCB Sales Growth (2013-2018)  
Figure Global IC Sales Growth (2013-2018)  
Figure Global Photoelectron Sales Growth (2013-2018)  
Figure Global Others Sales Growth (2013-2018)  
Figure Global Plating for Microelectronics Sales, Revenue and Growth Rate (2018-2023)  
Table Global Plating for Microelectronics Sales Forecast by Regions (2018-2023)  
Table Global Plating for Microelectronics Market Share Forecast by Regions (2018-2023)  
Figure North America Sales Plating for Microelectronics Market Forecast (2018-2023)  
Figure Europe Sales Plating for Microelectronics Market Forecast (2018-2023)  
Figure Asia-Pacific Sales Plating for Microelectronics Market Forecast (2018-2023)  
Figure South America Sales Plating for Microelectronics Market Forecast (2018-2023)  
Figure Middle East and Africa Sales Plating for Microelectronics Market Forecast (2018-2023)  
Table Global Plating for Microelectronics Sales Forecast by Type (2018-2023)  
Table Global Plating for Microelectronics Market Share Forecast by Type (2018-2023)  
Table Global Plating for Microelectronics Sales Forecast by Application (2018-2023)  
Table Global Plating for Microelectronics Market Share Forecast by Application (2018-2023)  
Table Distributors/Traders/ Dealers List

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