

Global Compound Semiconductor Foundry Market Growth 2024-2030

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Abstracts

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This report studies the compound semiconductor foundry, includes wafer foundry for Silicon carbide (SiC), Gallium Nitride (GaN) and GaAs Wafer Foundry.

In SiC foundry segment, currently only few fabs can provide the SiC wafer foundry, include X-Fab, Epasil Technology Inc., Sanan IC and HLMC, etc.

In GaN foundry, which includes the GaN-on-Si Wafers and GaN-on Si Wafers, key players include TSMC, GlobalFoundries, UMC, VIS, WIN Semiconductors Corp., Epasil Technology Inc., UMS RF and Sanan IC.

In GaAs Foundry, key players include WIN Semiconductors Corp., AWSC, GCS (Global Communication Semiconductors), Wavetek, Chengdu Hiwafer Semiconductor, Sanan IC, MACOM, etc.

The global Compound Semiconductor Foundry market size is projected to grow from US\$ 1166 million in 2024 to US\$ 2084 million in 2030; it is expected to grow at a CAGR of 10.2% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Compound Semiconductor Foundry Industry Forecast" looks at past sales and reviews total world Compound Semiconductor Foundry sales in 2023, providing a comprehensive analysis by region and market sector of projected Compound Semiconductor Foundry sales for 2024 through 2030. With Compound Semiconductor Foundry sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of

the world Compound Semiconductor Foundry industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Compound Semiconductor Foundry and breaks down the forecast by Technology, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Compound Semiconductor Foundry.

United States market for Compound Semiconductor Foundry is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Compound Semiconductor Foundry is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Compound Semiconductor Foundry is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Compound Semiconductor Foundry players cover TSMC, GlobalFoundries, United Microelectronics Corporation (UMC), VIS (Vanguard International Semiconductor), X-Fab, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Compound Semiconductor Foundry market by product type, application, key manufacturers and key regions and countries.

Segmentation by Technology:

SiC Wafer Foundry

GaN Wafer Foundry

GaAs Wafer Foundry

Segmentation by Application:

Automotive & EV/HEV

Consumer Electronics

RF Application

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

TSMC

GlobalFoundries

United Microelectronics Corporation (UMC)

VIS (Vanguard International Semiconductor)

X-Fab

WIN Semiconductors Corp.

Episil Technology Inc.

Chengdu Hiwafer Semiconductor

UMS RF

Sanan IC

AWSC

GCS (Global Communication Semiconductors)

MACOM

Chengdu Hiwafer Semiconductor

Wavetek

BAE Systems

HLMC

GTA Semiconductor Co., Ltd.

Beijing Yandong Microelectronics

United Nova Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Compound Semiconductor Foundry market?

What factors are driving Compound Semiconductor Foundry market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Compound Semiconductor Foundry market opportunities vary by end market size?

How does Compound Semiconductor Foundry break out by Technology, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Compound Semiconductor Foundry Annual Sales 2019-2030
 - 2.1.2 World Current & Future Analysis for Compound Semiconductor Foundry by Geographic Region, 2019, 2023 & 2030
 - 2.1.3 World Current & Future Analysis for Compound Semiconductor Foundry by Country/Region, 2019, 2023 & 2030
- 2.2 Compound Semiconductor Foundry Segment by Technology
 - 2.2.1 SiC Wafer Foundry
 - 2.2.2 GaN Wafer Foundry
 - 2.2.3 GaAs Wafer Foundry
- 2.3 Compound Semiconductor Foundry Sales by Technology
 - 2.3.1 Global Compound Semiconductor Foundry Sales Market Share by Technology (2019-2024)
 - 2.3.2 Global Compound Semiconductor Foundry Revenue and Market Share by Technology (2019-2024)
 - 2.3.3 Global Compound Semiconductor Foundry Sale Price by Technology (2019-2024)
- 2.4 Compound Semiconductor Foundry Segment by Application
 - 2.4.1 Automotive & EV/HEV
 - 2.4.2 Consumer Electronics
 - 2.4.3 RF Application
 - 2.4.4 Others
- 2.5 Compound Semiconductor Foundry Sales by Application
 - 2.5.1 Global Compound Semiconductor Foundry Sale Market Share by Application

(2019-2024)

2.5.2 Global Compound Semiconductor Foundry Revenue and Market Share by Application (2019-2024)

2.5.3 Global Compound Semiconductor Foundry Sale Price by Application (2019-2024)

3 GLOBAL BY COMPANY

3.1 Global Compound Semiconductor Foundry Breakdown Data by Company

3.1.1 Global Compound Semiconductor Foundry Annual Sales by Company (2019-2024)

3.1.2 Global Compound Semiconductor Foundry Sales Market Share by Company (2019-2024)

3.2 Global Compound Semiconductor Foundry Annual Revenue by Company (2019-2024)

3.2.1 Global Compound Semiconductor Foundry Revenue by Company (2019-2024)

3.2.2 Global Compound Semiconductor Foundry Revenue Market Share by Company (2019-2024)

3.3 Global Compound Semiconductor Foundry Sale Price by Company

3.4 Key Manufacturers Compound Semiconductor Foundry Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Compound Semiconductor Foundry Product Location Distribution

3.4.2 Players Compound Semiconductor Foundry Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR COMPOUND SEMICONDUCTOR FOUNDRY BY GEOGRAPHIC REGION

4.1 World Historic Compound Semiconductor Foundry Market Size by Geographic Region (2019-2024)

4.1.1 Global Compound Semiconductor Foundry Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Compound Semiconductor Foundry Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Compound Semiconductor Foundry Market Size by Country/Region (2019-2024)

4.2.1 Global Compound Semiconductor Foundry Annual Sales by Country/Region (2019-2024)

4.2.2 Global Compound Semiconductor Foundry Annual Revenue by Country/Region (2019-2024)

4.3 Americas Compound Semiconductor Foundry Sales Growth

4.4 APAC Compound Semiconductor Foundry Sales Growth

4.5 Europe Compound Semiconductor Foundry Sales Growth

4.6 Middle East & Africa Compound Semiconductor Foundry Sales Growth

5 AMERICAS

5.1 Americas Compound Semiconductor Foundry Sales by Country

5.1.1 Americas Compound Semiconductor Foundry Sales by Country (2019-2024)

5.1.2 Americas Compound Semiconductor Foundry Revenue by Country (2019-2024)

5.2 Americas Compound Semiconductor Foundry Sales by Technology (2019-2024)

5.3 Americas Compound Semiconductor Foundry Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Compound Semiconductor Foundry Sales by Region

6.1.1 APAC Compound Semiconductor Foundry Sales by Region (2019-2024)

6.1.2 APAC Compound Semiconductor Foundry Revenue by Region (2019-2024)

6.2 APAC Compound Semiconductor Foundry Sales by Technology (2019-2024)

6.3 APAC Compound Semiconductor Foundry Sales by Application (2019-2024)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Compound Semiconductor Foundry by Country

7.1.1 Europe Compound Semiconductor Foundry Sales by Country (2019-2024)

7.1.2 Europe Compound Semiconductor Foundry Revenue by Country (2019-2024)

7.2 Europe Compound Semiconductor Foundry Sales by Technology (2019-2024)

7.3 Europe Compound Semiconductor Foundry Sales by Application (2019-2024)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Compound Semiconductor Foundry by Country

8.1.1 Middle East & Africa Compound Semiconductor Foundry Sales by Country (2019-2024)

8.1.2 Middle East & Africa Compound Semiconductor Foundry Revenue by Country (2019-2024)

8.2 Middle East & Africa Compound Semiconductor Foundry Sales by Technology (2019-2024)

8.3 Middle East & Africa Compound Semiconductor Foundry Sales by Application (2019-2024)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Compound Semiconductor Foundry

10.3 Manufacturing Process Analysis of Compound Semiconductor Foundry

10.4 Industry Chain Structure of Compound Semiconductor Foundry

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Compound Semiconductor Foundry Distributors

11.3 Compound Semiconductor Foundry Customer

12 WORLD FORECAST REVIEW FOR COMPOUND SEMICONDUCTOR FOUNDRY BY GEOGRAPHIC REGION

12.1 Global Compound Semiconductor Foundry Market Size Forecast by Region

12.1.1 Global Compound Semiconductor Foundry Forecast by Region (2025-2030)

12.1.2 Global Compound Semiconductor Foundry Annual Revenue Forecast by Region (2025-2030)

12.2 Americas Forecast by Country (2025-2030)

12.3 APAC Forecast by Region (2025-2030)

12.4 Europe Forecast by Country (2025-2030)

12.5 Middle East & Africa Forecast by Country (2025-2030)

12.6 Global Compound Semiconductor Foundry Forecast by Technology (2025-2030)

12.7 Global Compound Semiconductor Foundry Forecast by Application (2025-2030)

13 KEY PLAYERS ANALYSIS

13.1 TSMC

13.1.1 TSMC Company Information

13.1.2 TSMC Compound Semiconductor Foundry Product Portfolios and Specifications

13.1.3 TSMC Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 TSMC Main Business Overview

13.1.5 TSMC Latest Developments

13.2 GlobalFoundries

13.2.1 GlobalFoundries Company Information

13.2.2 GlobalFoundries Compound Semiconductor Foundry Product Portfolios and Specifications

13.2.3 GlobalFoundries Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 GlobalFoundries Main Business Overview

13.2.5 GlobalFoundries Latest Developments

13.3 United Microelectronics Corporation (UMC)

13.3.1 United Microelectronics Corporation (UMC) Company Information

13.3.2 United Microelectronics Corporation (UMC) Compound Semiconductor Foundry Product Portfolios and Specifications

13.3.3 United Microelectronics Corporation (UMC) Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 United Microelectronics Corporation (UMC) Main Business Overview

13.3.5 United Microelectronics Corporation (UMC) Latest Developments

13.4 VIS (Vanguard International Semiconductor)

13.4.1 VIS (Vanguard International Semiconductor) Company Information

13.4.2 VIS (Vanguard International Semiconductor) Compound Semiconductor Foundry Product Portfolios and Specifications

13.4.3 VIS (Vanguard International Semiconductor) Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 VIS (Vanguard International Semiconductor) Main Business Overview

13.4.5 VIS (Vanguard International Semiconductor) Latest Developments

13.5 X-Fab

13.5.1 X-Fab Company Information

13.5.2 X-Fab Compound Semiconductor Foundry Product Portfolios and Specifications

13.5.3 X-Fab Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 X-Fab Main Business Overview

13.5.5 X-Fab Latest Developments

13.6 WIN Semiconductors Corp.

13.6.1 WIN Semiconductors Corp. Company Information

13.6.2 WIN Semiconductors Corp. Compound Semiconductor Foundry Product Portfolios and Specifications

13.6.3 WIN Semiconductors Corp. Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 WIN Semiconductors Corp. Main Business Overview

13.6.5 WIN Semiconductors Corp. Latest Developments

13.7 Episil Technology Inc.

13.7.1 Episil Technology Inc. Company Information

13.7.2 Episil Technology Inc. Compound Semiconductor Foundry Product Portfolios and Specifications

13.7.3 Epasil Technology Inc. Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Epasil Technology Inc. Main Business Overview

13.7.5 Epasil Technology Inc. Latest Developments

13.8 Chengdu Hiwafer Semiconductor

13.8.1 Chengdu Hiwafer Semiconductor Company Information

13.8.2 Chengdu Hiwafer Semiconductor Compound Semiconductor Foundry Product Portfolios and Specifications

13.8.3 Chengdu Hiwafer Semiconductor Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 Chengdu Hiwafer Semiconductor Main Business Overview

13.8.5 Chengdu Hiwafer Semiconductor Latest Developments

13.9 UMS RF

13.9.1 UMS RF Company Information

13.9.2 UMS RF Compound Semiconductor Foundry Product Portfolios and Specifications

13.9.3 UMS RF Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 UMS RF Main Business Overview

13.9.5 UMS RF Latest Developments

13.10 Sanan IC

13.10.1 Sanan IC Company Information

13.10.2 Sanan IC Compound Semiconductor Foundry Product Portfolios and Specifications

13.10.3 Sanan IC Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 Sanan IC Main Business Overview

13.10.5 Sanan IC Latest Developments

13.11 AWSC

13.11.1 AWSC Company Information

13.11.2 AWSC Compound Semiconductor Foundry Product Portfolios and Specifications

13.11.3 AWSC Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 AWSC Main Business Overview

13.11.5 AWSC Latest Developments

13.12 GCS (Global Communication Semiconductors)

13.12.1 GCS (Global Communication Semiconductors) Company Information

13.12.2 GCS (Global Communication Semiconductors) Compound Semiconductor

Foundry Product Portfolios and Specifications

13.12.3 GCS (Global Communication Semiconductors) Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 GCS (Global Communication Semiconductors) Main Business Overview

13.12.5 GCS (Global Communication Semiconductors) Latest Developments

13.13 MACOM

13.13.1 MACOM Company Information

13.13.2 MACOM Compound Semiconductor Foundry Product Portfolios and Specifications

13.13.3 MACOM Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 MACOM Main Business Overview

13.13.5 MACOM Latest Developments

13.14 Chengdu Hiwafer Semiconductor

13.14.1 Chengdu Hiwafer Semiconductor Company Information

13.14.2 Chengdu Hiwafer Semiconductor Compound Semiconductor Foundry Product Portfolios and Specifications

13.14.3 Chengdu Hiwafer Semiconductor Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.14.4 Chengdu Hiwafer Semiconductor Main Business Overview

13.14.5 Chengdu Hiwafer Semiconductor Latest Developments

13.15 Wavetek

13.15.1 Wavetek Company Information

13.15.2 Wavetek Compound Semiconductor Foundry Product Portfolios and Specifications

13.15.3 Wavetek Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.15.4 Wavetek Main Business Overview

13.15.5 Wavetek Latest Developments

13.16 BAE Systems

13.16.1 BAE Systems Company Information

13.16.2 BAE Systems Compound Semiconductor Foundry Product Portfolios and Specifications

13.16.3 BAE Systems Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.16.4 BAE Systems Main Business Overview

13.16.5 BAE Systems Latest Developments

13.17 HLMC

13.17.1 HLMC Company Information

13.17.2 HLMC Compound Semiconductor Foundry Product Portfolios and Specifications

13.17.3 HLMC Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.17.4 HLMC Main Business Overview

13.17.5 HLMC Latest Developments

13.18 GTA Semiconductor Co., Ltd.

13.18.1 GTA Semiconductor Co., Ltd. Company Information

13.18.2 GTA Semiconductor Co., Ltd. Compound Semiconductor Foundry Product Portfolios and Specifications

13.18.3 GTA Semiconductor Co., Ltd. Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.18.4 GTA Semiconductor Co., Ltd. Main Business Overview

13.18.5 GTA Semiconductor Co., Ltd. Latest Developments

13.19 Beijing Yandong Microelectronics

13.19.1 Beijing Yandong Microelectronics Company Information

13.19.2 Beijing Yandong Microelectronics Compound Semiconductor Foundry Product Portfolios and Specifications

13.19.3 Beijing Yandong Microelectronics Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.19.4 Beijing Yandong Microelectronics Main Business Overview

13.19.5 Beijing Yandong Microelectronics Latest Developments

13.20 United Nova Technology

13.20.1 United Nova Technology Company Information

13.20.2 United Nova Technology Compound Semiconductor Foundry Product Portfolios and Specifications

13.20.3 United Nova Technology Compound Semiconductor Foundry Sales, Revenue, Price and Gross Margin (2019-2024)

13.20.4 United Nova Technology Main Business Overview

13.20.5 United Nova Technology Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

LIST OF TABLES

Table 1. Compound Semiconductor Foundry Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Compound Semiconductor Foundry Annual Sales CAGR by Country/Region

(2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of SiC Wafer Foundry

Table 4. Major Players of GaN Wafer Foundry

Table 5. Major Players of GaAs Wafer Foundry

Table 6. Global Compound Semiconductor Foundry Sales by Technology (2019-2024) & (K Pcs)

Table 7. Global Compound Semiconductor Foundry Sales Market Share by Technology (2019-2024)

Table 8. Global Compound Semiconductor Foundry Revenue by Technology (2019-2024) & (\$ million)

Table 9. Global Compound Semiconductor Foundry Revenue Market Share by Technology (2019-2024)

Table 10. Global Compound Semiconductor Foundry Sale Price by Technology (2019-2024) & (US\$/Pc)

Table 11. Global Compound Semiconductor Foundry Sale by Application (2019-2024) & (K Pcs)

Table 12. Global Compound Semiconductor Foundry Sale Market Share by Application (2019-2024)

Table 13. Global Compound Semiconductor Foundry Revenue by Application (2019-2024) & (\$ million)

Table 14. Global Compound Semiconductor Foundry Revenue Market Share by Application (2019-2024)

Table 15. Global Compound Semiconductor Foundry Sale Price by Application (2019-2024) & (US\$/Pc)

Table 16. Global Compound Semiconductor Foundry Sales by Company (2019-2024) & (K Pcs)

Table 17. Global Compound Semiconductor Foundry Sales Market Share by Company (2019-2024)

Table 18. Global Compound Semiconductor Foundry Revenue by Company (2019-2024) & (\$ millions)

Table 19. Global Compound Semiconductor Foundry Revenue Market Share by Company (2019-2024)

Table 20. Global Compound Semiconductor Foundry Sale Price by Company (2019-2024) & (US\$/Pc)

Table 21. Key Manufacturers Compound Semiconductor Foundry Producing Area Distribution and Sales Area

Table 22. Players Compound Semiconductor Foundry Products Offered

Table 23. Compound Semiconductor Foundry Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Compound Semiconductor Foundry Sales by Geographic Region (2019-2024) & (K Pcs)

Table 27. Global Compound Semiconductor Foundry Sales Market Share Geographic Region (2019-2024)

Table 28. Global Compound Semiconductor Foundry Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 29. Global Compound Semiconductor Foundry Revenue Market Share by Geographic Region (2019-2024)

Table 30. Global Compound Semiconductor Foundry Sales by Country/Region (2019-2024) & (K Pcs)

Table 31. Global Compound Semiconductor Foundry Sales Market Share by Country/Region (2019-2024)

Table 32. Global Compound Semiconductor Foundry Revenue by Country/Region (2019-2024) & (\$ millions)

Table 33. Global Compound Semiconductor Foundry Revenue Market Share by Country/Region (2019-2024)

Table 34. Americas Compound Semiconductor Foundry Sales by Country (2019-2024) & (K Pcs)

Table 35. Americas Compound Semiconductor Foundry Sales Market Share by Country (2019-2024)

Table 36. Americas Compound Semiconductor Foundry Revenue by Country (2019-2024) & (\$ millions)

Table 37. Americas Compound Semiconductor Foundry Sales by Technology (2019-2024) & (K Pcs)

Table 38. Americas Compound Semiconductor Foundry Sales by Application (2019-2024) & (K Pcs)

Table 39. APAC Compound Semiconductor Foundry Sales by Region (2019-2024) & (K Pcs)

Table 40. APAC Compound Semiconductor Foundry Sales Market Share by Region (2019-2024)

Table 41. APAC Compound Semiconductor Foundry Revenue by Region (2019-2024) & (\$ millions)

Table 42. APAC Compound Semiconductor Foundry Sales by Technology (2019-2024) & (K Pcs)

Table 43. APAC Compound Semiconductor Foundry Sales by Application (2019-2024) & (K Pcs)

Table 44. Europe Compound Semiconductor Foundry Sales by Country (2019-2024) &

(K Pcs)

Table 45. Europe Compound Semiconductor Foundry Revenue by Country (2019-2024) & (\$ millions)

Table 46. Europe Compound Semiconductor Foundry Sales by Technology (2019-2024) & (K Pcs)

Table 47. Europe Compound Semiconductor Foundry Sales by Application (2019-2024) & (K Pcs)

Table 48. Middle East & Africa Compound Semiconductor Foundry Sales by Country (2019-2024) & (K Pcs)

Table 49. Middle East & Africa Compound Semiconductor Foundry Revenue Market Share by Country (2019-2024)

Table 50. Middle East & Africa Compound Semiconductor Foundry Sales by Technology (2019-2024) & (K Pcs)

Table 51. Middle East & Africa Compound Semiconductor Foundry Sales by Application (2019-2024) & (K Pcs)

Table 52. Key Market Drivers & Growth Opportunities of Compound Semiconductor Foundry

Table 53. Key Market Challenges & Risks of Compound Semiconductor Foundry

Table 54. Key Industry Trends of Compound Semiconductor Foundry

Table 55. Compound Semiconductor Foundry Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. Compound Semiconductor Foundry Distributors List

Table 58. Compound Semiconductor Foundry Customer List

Table 59. Global Compound Semiconductor Foundry Sales Forecast by Region (2025-2030) & (K Pcs)

Table 60. Global Compound Semiconductor Foundry Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 61. Americas Compound Semiconductor Foundry Sales Forecast by Country (2025-2030) & (K Pcs)

Table 62. Americas Compound Semiconductor Foundry Annual Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 63. APAC Compound Semiconductor Foundry Sales Forecast by Region (2025-2030) & (K Pcs)

Table 64. APAC Compound Semiconductor Foundry Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 65. Europe Compound Semiconductor Foundry Sales Forecast by Country (2025-2030) & (K Pcs)

Table 66. Europe Compound Semiconductor Foundry Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 67. Middle East & Africa Compound Semiconductor Foundry Sales Forecast by Country (2025-2030) & (K Pcs)

Table 68. Middle East & Africa Compound Semiconductor Foundry Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 69. Global Compound Semiconductor Foundry Sales Forecast by Technology (2025-2030) & (K Pcs)

Table 70. Global Compound Semiconductor Foundry Revenue Forecast by Technology (2025-2030) & (\$ millions)

Table 71. Global Compound Semiconductor Foundry Sales Forecast by Application (2025-2030) & (K Pcs)

Table 72. Global Compound Semiconductor Foundry Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 73. TSMC Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 74. TSMC Compound Semiconductor Foundry Product Portfolios and Specifications

Table 75. TSMC Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 76. TSMC Main Business

Table 77. TSMC Latest Developments

Table 78. Global Foundries Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 79. Global Foundries Compound Semiconductor Foundry Product Portfolios and Specifications

Table 80. Global Foundries Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 81. Global Foundries Main Business

Table 82. Global Foundries Latest Developments

Table 83. United Microelectronics Corporation (UMC) Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 84. United Microelectronics Corporation (UMC) Compound Semiconductor Foundry Product Portfolios and Specifications

Table 85. United Microelectronics Corporation (UMC) Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 86. United Microelectronics Corporation (UMC) Main Business

Table 87. United Microelectronics Corporation (UMC) Latest Developments

Table 88. VIS (Vanguard International Semiconductor) Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 89. VIS (Vanguard International Semiconductor) Compound Semiconductor Foundry Product Portfolios and Specifications

Table 90. VIS (Vanguard International Semiconductor) Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 91. VIS (Vanguard International Semiconductor) Main Business

Table 92. VIS (Vanguard International Semiconductor) Latest Developments

Table 93. X-Fab Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 94. X-Fab Compound Semiconductor Foundry Product Portfolios and Specifications

Table 95. X-Fab Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 96. X-Fab Main Business

Table 97. X-Fab Latest Developments

Table 98. WIN Semiconductors Corp. Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 99. WIN Semiconductors Corp. Compound Semiconductor Foundry Product Portfolios and Specifications

Table 100. WIN Semiconductors Corp. Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 101. WIN Semiconductors Corp. Main Business

Table 102. WIN Semiconductors Corp. Latest Developments

Table 103. EpisiI Technology Inc. Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 104. EpisiI Technology Inc. Compound Semiconductor Foundry Product Portfolios and Specifications

Table 105. EpisiI Technology Inc. Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 106. EpisiI Technology Inc. Main Business

Table 107. EpisiI Technology Inc. Latest Developments

Table 108. Chengdu Hiwafer Semiconductor Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 109. Chengdu Hiwafer Semiconductor Compound Semiconductor Foundry Product Portfolios and Specifications

Table 110. Chengdu Hiwafer Semiconductor Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 111. Chengdu Hiwafer Semiconductor Main Business

Table 112. Chengdu Hiwafer Semiconductor Latest Developments

Table 113. UMS RF Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 114. UMS RF Compound Semiconductor Foundry Product Portfolios and Specifications

Table 115. UMS RF Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 116. UMS RF Main Business

Table 117. UMS RF Latest Developments

Table 118. Sanan IC Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 119. Sanan IC Compound Semiconductor Foundry Product Portfolios and Specifications

Table 120. Sanan IC Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 121. Sanan IC Main Business

Table 122. Sanan IC Latest Developments

Table 123. AWSC Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 124. AWSC Compound Semiconductor Foundry Product Portfolios and Specifications

Table 125. AWSC Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 126. AWSC Main Business

Table 127. AWSC Latest Developments

Table 128. GCS (Global Communication Semiconductors) Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 129. GCS (Global Communication Semiconductors) Compound Semiconductor Foundry Product Portfolios and Specifications

Table 130. GCS (Global Communication Semiconductors) Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 131. GCS (Global Communication Semiconductors) Main Business

Table 132. GCS (Global Communication Semiconductors) Latest Developments

Table 133. MACOM Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 134. MACOM Compound Semiconductor Foundry Product Portfolios and Specifications

Table 135. MACOM Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$

Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 136. MACOM Main Business

Table 137. MACOM Latest Developments

Table 138. Chengdu Hiwafer Semiconductor Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 139. Chengdu Hiwafer Semiconductor Compound Semiconductor Foundry Product Portfolios and Specifications

Table 140. Chengdu Hiwafer Semiconductor Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 141. Chengdu Hiwafer Semiconductor Main Business

Table 142. Chengdu Hiwafer Semiconductor Latest Developments

Table 143. Wavetek Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 144. Wavetek Compound Semiconductor Foundry Product Portfolios and Specifications

Table 145. Wavetek Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 146. Wavetek Main Business

Table 147. Wavetek Latest Developments

Table 148. BAE Systems Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 149. BAE Systems Compound Semiconductor Foundry Product Portfolios and Specifications

Table 150. BAE Systems Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 151. BAE Systems Main Business

Table 152. BAE Systems Latest Developments

Table 153. HLMC Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 154. HLMC Compound Semiconductor Foundry Product Portfolios and Specifications

Table 155. HLMC Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 156. HLMC Main Business

Table 157. HLMC Latest Developments

Table 158. GTA Semiconductor Co., Ltd. Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 159. GTA Semiconductor Co., Ltd. Compound Semiconductor Foundry Product Portfolios and Specifications

Table 160. GTA Semiconductor Co., Ltd. Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 161. GTA Semiconductor Co., Ltd. Main Business

Table 162. GTA Semiconductor Co., Ltd. Latest Developments

Table 163. Beijing Yandong Microelectronics Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 164. Beijing Yandong Microelectronics Compound Semiconductor Foundry Product Portfolios and Specifications

Table 165. Beijing Yandong Microelectronics Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 166. Beijing Yandong Microelectronics Main Business

Table 167. Beijing Yandong Microelectronics Latest Developments

Table 168. United Nova Technology Basic Information, Compound Semiconductor Foundry Manufacturing Base, Sales Area and Its Competitors

Table 169. United Nova Technology Compound Semiconductor Foundry Product Portfolios and Specifications

Table 170. United Nova Technology Compound Semiconductor Foundry Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2019-2024)

Table 171. United Nova Technology Main Business

Table 172. United Nova Technology Latest Developments

LIST OFFIGURES

Figure 1. Picture of Compound Semiconductor Foundry

Figure 2. Compound Semiconductor Foundry Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Compound Semiconductor Foundry Sales Growth Rate 2019-2030 (K Pcs)

Figure 7. Global Compound Semiconductor Foundry Revenue Growth Rate 2019-2030 (\$ millions)

Figure 8. Compound Semiconductor Foundry Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Figure 9. Compound Semiconductor Foundry Sales Market Share by Country/Region (2023)

Figure 10. Compound Semiconductor Foundry Sales Market Share by Country/Region

(2019, 2023 & 2030)

Figure 11. Product Picture of SiC Wafer Foundry

Figure 12. Product Picture of GaN Wafer Foundry

Figure 13. Product Picture of GaAs Wafer Foundry

Figure 14. Global Compound Semiconductor Foundry Sales Market Share by Technology in 2023

Figure 15. Global Compound Semiconductor Foundry Revenue Market Share by Technology (2019-2024)

Figure 16. Compound Semiconductor Foundry Consumed in Automotive & EV/HEV

Figure 17. Global Compound Semiconductor Foundry Market: Automotive & EV/HEV (2019-2024) & (K Pcs)

Figure 18. Compound Semiconductor Foundry Consumed in Consumer Electronics

Figure 19. Global Compound Semiconductor Foundry Market: Consumer Electronics (2019-2024) & (K Pcs)

Figure 20. Compound Semiconductor Foundry Consumed in RF Application

Figure 21. Global Compound Semiconductor Foundry Market: RF Application (2019-2024) & (K Pcs)

Figure 22. Compound Semiconductor Foundry Consumed in Others

Figure 23. Global Compound Semiconductor Foundry Market: Others (2019-2024) & (K Pcs)

Figure 24. Global Compound Semiconductor Foundry Sale Market Share by Application (2023)

Figure 25. Global Compound Semiconductor Foundry Revenue Market Share by Application in 2023

Figure 26. Compound Semiconductor Foundry Sales by Company in 2023 (K Pcs)

Figure 27. Global Compound Semiconductor Foundry Sales Market Share by Company in 2023

Figure 28. Compound Semiconductor Foundry Revenue by Company in 2023 (\$ millions)

Figure 29. Global Compound Semiconductor Foundry Revenue Market Share by Company in 2023

Figure 30. Global Compound Semiconductor Foundry Sales Market Share by Geographic Region (2019-2024)

Figure 31. Global Compound Semiconductor Foundry Revenue Market Share by Geographic Region in 2023

Figure 32. Americas Compound Semiconductor Foundry Sales 2019-2024 (K Pcs)

Figure 33. Americas Compound Semiconductor Foundry Revenue 2019-2024 (\$ millions)

Figure 34. APAC Compound Semiconductor Foundry Sales 2019-2024 (K Pcs)

Figure 35. APAC Compound Semiconductor Foundry Revenue 2019-2024 (\$ millions)

Figure 36. Europe Compound Semiconductor Foundry Sales 2019-2024 (K Pcs)

Figure 37. Europe Compound Semiconductor Foundry Revenue 2019-2024 (\$ millions)

Figure 38. Middle East & Africa Compound Semiconductor Foundry Sales 2019-2024 (K Pcs)

Figure 39. Middle East & Africa Compound Semiconductor Foundry Revenue 2019-2024 (\$ millions)

Figure 40. Americas Compound Semiconductor Foundry Sales Market Share by Country in 2023

Figure 41. Americas Compound Semiconductor Foundry Revenue Market Share by Country (2019-2024)

Figure 42. Americas Compound Semiconductor Foundry Sales Market Share by Technology (2019-2024)

Figure 43. Americas Compound Semiconductor Foundry Sales Market Share by Application (2019-2024)

Figure 44. United States Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 45. Canada Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 46. Mexico Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 47. Brazil Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 48. APAC Compound Semiconductor Foundry Sales Market Share by Region in 2023

Figure 49. APAC Compound Semiconductor Foundry Revenue Market Share by Region (2019-2024)

Figure 50. APAC Compound Semiconductor Foundry Sales Market Share by Technology (2019-2024)

Figure 51. APAC Compound Semiconductor Foundry Sales Market Share by Application (2019-2024)

Figure 52. China Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 53. Japan Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 54. South Korea Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 55. Southeast Asia Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 56. India Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 57. Australia Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 58. ChinaTaiwan Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 59. Europe Compound Semiconductor Foundry Sales Market Share by Country in 2023

Figure 60. Europe Compound Semiconductor Foundry Revenue Market Share by Country (2019-2024)

Figure 61. Europe Compound Semiconductor Foundry Sales Market Share by Technology (2019-2024)

Figure 62. Europe Compound Semiconductor Foundry Sales Market Share by Application (2019-2024)

Figure 63. Germany Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 64. France Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 65. UK Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 66. Italy Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 67. Russia Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 68. Middle East & Africa Compound Semiconductor Foundry Sales Market Share by Country (2019-2024)

Figure 69. Middle East & Africa Compound Semiconductor Foundry Sales Market Share by Technology (2019-2024)

Figure 70. Middle East & Africa Compound Semiconductor Foundry Sales Market Share by Application (2019-2024)

Figure 71. Egypt Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 72. South Africa Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 73. Israel Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 74. Turkey Compound Semiconductor Foundry Revenue Growth 2019-2024 (\$ millions)

Figure 75. GCC Countries Compound Semiconductor Foundry Revenue Growth

2019-2024 (\$ millions)

Figure 76. Manufacturing Cost Structure Analysis of Compound Semiconductor Foundry in 2023

Figure 77. Manufacturing Process Analysis of Compound Semiconductor Foundry

Figure 78. Industry Chain Structure of Compound Semiconductor Foundry

Figure 79. Channels of Distribution

Figure 80. Global Compound Semiconductor Foundry Sales Market Forecast by Region (2025-2030)

Figure 81. Global Compound Semiconductor Foundry Revenue Market Share Forecast by Region (2025-2030)

Figure 82. Global Compound Semiconductor Foundry Sales Market Share Forecast by Technology (2025-2030)

Figure 83. Global Compound Semiconductor Foundry Revenue Market Share Forecast by Technology (2025-2030)

Figure 84. Global Compound Semiconductor Foundry Sales Market Share Forecast by Application (2025-2030)

Figure 85. Global Compound Semiconductor Foundry Revenue Market Share Forecast by Application (2025-2030)

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