

Semiconductor Chip Handler Industry Research Report 2024

<https://marketpublishers.com/r/SB36588D038FEN.html>

Date: April 2024

Pages: 123

Price: US\$ 2,950.00 (Single User License)

ID: SB36588D038FEN

Abstracts

Chip Handler in Semiconductors are primarily used to for sorting, testing and transferring chips with the simple electrical interface diagram: ATE ? ITA ? DUT (package) ? Handler. And these machines are capable of processing thousands of chips in an hour. Normally, packaged parts use a handler to place the device on a customized interface board, then IC chip handler transfers finished chips to the inspection equipment for final visual and electrical performance test and then sort the chips into good, bad or other bins based on test results. Note: ATE: Automatic Test Equipment; ITA: Interface Test Adapter; DUT: Device Under Test.

According to APO Research, The global Semiconductor Chip Handler market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

The major players in global Semiconductor Chip Handler market include Advantest, Cohu, ASM Pacific Technology, etc. The top 3 players occupy about 45% shares of the global market. Asia-Pacific and North America are main markets, they occupy about 90% of the global market. Pick-and-Place Handlers is the main type, with a share about 45%. OSATs is the main application, which holds a share about 65%.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Semiconductor Chip Handler, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Semiconductor Chip Handler.

The report will help the Semiconductor Chip Handler manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Semiconductor Chip Handler market size, estimations, and forecasts are provided in terms of sales volume (Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Semiconductor Chip Handler market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Advantest

Cohu

ASM Pacific Technology

ChangChuan Technology

MCT

Boston Semi Equipment

Seiko Epson Corporation

Hon Precision

Chroma

SRM Integration

TESEC Corporation

SYNAX

CST

Semiconductor Chip Handler segment by Type

Pick-and-Place Handlers

Turret Handlers

Gravity Handlers

Others

Semiconductor Chip Handler segment by Application

OSATs

IDMs

Semiconductor Chip Handler Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Semiconductor Chip Handler market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Semiconductor Chip Handler and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Semiconductor Chip Handler.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Semiconductor Chip Handler manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Semiconductor Chip Handler by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Semiconductor Chip Handler in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Chapter 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Semiconductor Chip Handler by Type
 - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.2.2 Pick-and-Place Handlers
 - 2.2.3 Turret Handlers
 - 2.2.4 Gravity Handlers
 - 2.2.5 Others
- 2.3 Semiconductor Chip Handler by Application
 - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.3.2 OSATs
 - 2.3.3 IDMs
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Semiconductor Chip Handler Production Value Estimates and Forecasts (2019-2030)
 - 2.4.2 Global Semiconductor Chip Handler Production Capacity Estimates and Forecasts (2019-2030)
 - 2.4.3 Global Semiconductor Chip Handler Production Estimates and Forecasts (2019-2030)
 - 2.4.4 Global Semiconductor Chip Handler Market Average Price (2019-2030)

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Semiconductor Chip Handler Production by Manufacturers (2019-2024)
- 3.2 Global Semiconductor Chip Handler Production Value by Manufacturers

(2019-2024)

3.3 Global Semiconductor Chip Handler Average Price by Manufacturers (2019-2024)

3.4 Global Semiconductor Chip Handler Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

3.5 Global Semiconductor Chip Handler Key Manufacturers, Manufacturing Sites & Headquarters

3.6 Global Semiconductor Chip Handler Manufacturers, Product Type & Application

3.7 Global Semiconductor Chip Handler Manufacturers, Date of Enter into This Industry

3.8 Global Semiconductor Chip Handler Market CR5 and HHI

3.9 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

4.1 Advantest

4.1.1 Advantest Semiconductor Chip Handler Company Information

4.1.2 Advantest Semiconductor Chip Handler Business Overview

4.1.3 Advantest Semiconductor Chip Handler Production, Value and Gross Margin

(2019-2024)

4.1.4 Advantest Product Portfolio

4.1.5 Advantest Recent Developments

4.2 Cohu

4.2.1 Cohu Semiconductor Chip Handler Company Information

4.2.2 Cohu Semiconductor Chip Handler Business Overview

4.2.3 Cohu Semiconductor Chip Handler Production, Value and Gross Margin

(2019-2024)

4.2.4 Cohu Product Portfolio

4.2.5 Cohu Recent Developments

4.3 ASM Pacific Technology

4.3.1 ASM Pacific Technology Semiconductor Chip Handler Company Information

4.3.2 ASM Pacific Technology Semiconductor Chip Handler Business Overview

4.3.3 ASM Pacific Technology Semiconductor Chip Handler Production, Value and

Gross Margin (2019-2024)

4.3.4 ASM Pacific Technology Product Portfolio

4.3.5 ASM Pacific Technology Recent Developments

4.4 ChangChuan Technology

4.4.1 ChangChuan Technology Semiconductor Chip Handler Company Information

4.4.2 ChangChuan Technology Semiconductor Chip Handler Business Overview

4.4.3 ChangChuan Technology Semiconductor Chip Handler Production, Value and

Gross Margin (2019-2024)

- 4.4.4 ChangChuan Technology Product Portfolio
- 4.4.5 ChangChuan Technology Recent Developments
- 4.5 MCT
 - 4.5.1 MCT Semiconductor Chip Handler Company Information
 - 4.5.2 MCT Semiconductor Chip Handler Business Overview
 - 4.5.3 MCT Semiconductor Chip Handler Production, Value and Gross Margin (2019-2024)
 - 4.5.4 MCT Product Portfolio
 - 4.5.5 MCT Recent Developments
- 4.6 Boston Semi Equipment
 - 4.6.1 Boston Semi Equipment Semiconductor Chip Handler Company Information
 - 4.6.2 Boston Semi Equipment Semiconductor Chip Handler Business Overview
 - 4.6.3 Boston Semi Equipment Semiconductor Chip Handler Production, Value and Gross Margin (2019-2024)
 - 4.6.4 Boston Semi Equipment Product Portfolio
 - 4.6.5 Boston Semi Equipment Recent Developments
- 4.7 Seiko Epson Corporation
 - 4.7.1 Seiko Epson Corporation Semiconductor Chip Handler Company Information
 - 4.7.2 Seiko Epson Corporation Semiconductor Chip Handler Business Overview
 - 4.7.3 Seiko Epson Corporation Semiconductor Chip Handler Production, Value and Gross Margin (2019-2024)
 - 4.7.4 Seiko Epson Corporation Product Portfolio
 - 4.7.5 Seiko Epson Corporation Recent Developments
- 4.8 Hon Precision
 - 4.8.1 Hon Precision Semiconductor Chip Handler Company Information
 - 4.8.2 Hon Precision Semiconductor Chip Handler Business Overview
 - 4.8.3 Hon Precision Semiconductor Chip Handler Production, Value and Gross Margin (2019-2024)
 - 4.8.4 Hon Precision Product Portfolio
 - 4.8.5 Hon Precision Recent Developments
- 4.9 Chroma
 - 4.9.1 Chroma Semiconductor Chip Handler Company Information
 - 4.9.2 Chroma Semiconductor Chip Handler Business Overview
 - 4.9.3 Chroma Semiconductor Chip Handler Production, Value and Gross Margin (2019-2024)
 - 4.9.4 Chroma Product Portfolio
 - 4.9.5 Chroma Recent Developments
- 4.10 SRM Integration
 - 4.10.1 SRM Integration Semiconductor Chip Handler Company Information

- 4.10.2 SRM Integration Semiconductor Chip Handler Business Overview
- 4.10.3 SRM Integration Semiconductor Chip Handler Production, Value and Gross Margin (2019-2024)
- 4.10.4 SRM Integration Product Portfolio
- 4.10.5 SRM Integration Recent Developments
- 4.11 TESEC Corporation
 - 4.11.1 TESEC Corporation Semiconductor Chip Handler Company Information
 - 4.11.2 TESEC Corporation Semiconductor Chip Handler Business Overview
 - 4.11.3 TESEC Corporation Semiconductor Chip Handler Production, Value and Gross Margin (2019-2024)
 - 4.11.4 TESEC Corporation Product Portfolio
 - 4.11.5 TESEC Corporation Recent Developments
- 4.12 SYNAX
 - 4.12.1 SYNAX Semiconductor Chip Handler Company Information
 - 4.12.2 SYNAX Semiconductor Chip Handler Business Overview
 - 4.12.3 SYNAX Semiconductor Chip Handler Production, Value and Gross Margin (2019-2024)
 - 4.12.4 SYNAX Product Portfolio
 - 4.12.5 SYNAX Recent Developments
- 4.13 CST
 - 4.13.1 CST Semiconductor Chip Handler Company Information
 - 4.13.2 CST Semiconductor Chip Handler Business Overview
 - 4.13.3 CST Semiconductor Chip Handler Production, Value and Gross Margin (2019-2024)
 - 4.13.4 CST Product Portfolio
 - 4.13.5 CST Recent Developments

5 GLOBAL SEMICONDUCTOR CHIP HANDLER PRODUCTION BY REGION

- 5.1 Global Semiconductor Chip Handler Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.2 Global Semiconductor Chip Handler Production by Region: 2019-2030
 - 5.2.1 Global Semiconductor Chip Handler Production by Region: 2019-2024
 - 5.2.2 Global Semiconductor Chip Handler Production Forecast by Region (2025-2030)
- 5.3 Global Semiconductor Chip Handler Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.4 Global Semiconductor Chip Handler Production Value by Region: 2019-2030
 - 5.4.1 Global Semiconductor Chip Handler Production Value by Region: 2019-2024
 - 5.4.2 Global Semiconductor Chip Handler Production Value Forecast by Region

(2025-2030)

5.5 Global Semiconductor Chip Handler Market Price Analysis by Region (2019-2024)

5.6 Global Semiconductor Chip Handler Production and Value, YOY Growth

5.6.1 Japan Semiconductor Chip Handler Production Value Estimates and Forecasts (2019-2030)

5.6.2 North America Semiconductor Chip Handler Production Value Estimates and Forecasts (2019-2030)

5.6.3 China Semiconductor Chip Handler Production Value Estimates and Forecasts (2019-2030)

5.6.4 Southeast Asia Semiconductor Chip Handler Production Value Estimates and Forecasts (2019-2030)

5.6.5 China Taiwan Semiconductor Chip Handler Production Value Estimates and Forecasts (2019-2030)

6 GLOBAL SEMICONDUCTOR CHIP HANDLER CONSUMPTION BY REGION

6.1 Global Semiconductor Chip Handler Consumption Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

6.2 Global Semiconductor Chip Handler Consumption by Region (2019-2030)

6.2.1 Global Semiconductor Chip Handler Consumption by Region: 2019-2030

6.2.2 Global Semiconductor Chip Handler Forecasted Consumption by Region (2025-2030)

6.3 North America

6.3.1 North America Semiconductor Chip Handler Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.3.2 North America Semiconductor Chip Handler Consumption by Country (2019-2030)

6.3.3 U.S.

6.3.4 Canada

6.4 Europe

6.4.1 Europe Semiconductor Chip Handler Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.4.2 Europe Semiconductor Chip Handler Consumption by Country (2019-2030)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Semiconductor Chip Handler Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.5.2 Asia Pacific Semiconductor Chip Handler Consumption by Country (2019-2030)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Semiconductor Chip Handler Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.6.2 Latin America, Middle East & Africa Semiconductor Chip Handler Consumption by Country (2019-2030)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

7 SEGMENT BY TYPE

7.1 Global Semiconductor Chip Handler Production by Type (2019-2030)

7.1.1 Global Semiconductor Chip Handler Production by Type (2019-2030) & (Units)

7.1.2 Global Semiconductor Chip Handler Production Market Share by Type (2019-2030)

7.2 Global Semiconductor Chip Handler Production Value by Type (2019-2030)

7.2.1 Global Semiconductor Chip Handler Production Value by Type (2019-2030) & (US\$ Million)

7.2.2 Global Semiconductor Chip Handler Production Value Market Share by Type (2019-2030)

7.3 Global Semiconductor Chip Handler Price by Type (2019-2030)

8 SEGMENT BY APPLICATION

8.1 Global Semiconductor Chip Handler Production by Application (2019-2030)

8.1.1 Global Semiconductor Chip Handler Production by Application (2019-2030) & (Units)

8.1.2 Global Semiconductor Chip Handler Production by Application (2019-2030) &

(Units)

8.2 Global Semiconductor Chip Handler Production Value by Application (2019-2030)

8.2.1 Global Semiconductor Chip Handler Production Value by Application (2019-2030) & (US\$ Million)

8.2.2 Global Semiconductor Chip Handler Production Value Market Share by Application (2019-2030)

8.3 Global Semiconductor Chip Handler Price by Application (2019-2030)

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

9.1 Semiconductor Chip Handler Value Chain Analysis

9.1.1 Semiconductor Chip Handler Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Semiconductor Chip Handler Production Mode & Process

9.2 Semiconductor Chip Handler Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Semiconductor Chip Handler Distributors

9.2.3 Semiconductor Chip Handler Customers

10 GLOBAL SEMICONDUCTOR CHIP HANDLER ANALYZING MARKET DYNAMICS

10.1 Semiconductor Chip Handler Industry Trends

10.2 Semiconductor Chip Handler Industry Drivers

10.3 Semiconductor Chip Handler Industry Opportunities and Challenges

10.4 Semiconductor Chip Handler Industry Restraints

11 REPORT CONCLUSION

12 DISCLAIMER

I would like to order

Product name: Semiconductor Chip Handler Industry Research Report 2024

Product link: <https://marketpublishers.com/r/SB36588D038FEN.html>

Price: US\$ 2,950.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SB36588D038FEN.html>

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

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

****All fields are required**

Customer signature _____

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

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970