

# Global Laser Direct Imaging (LDI) System for IC Substrates Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G0289E66D94EEN.html>

Date: November 2023

Pages: 100

Price: US\$ 3,480.00 (Single User License)

ID: G0289E66D94EEN

## Abstracts

According to our (Global Info Research) latest study, the global Laser Direct Imaging (LDI) System for IC Substrates market size was valued at USD 34 million in 2022 and is forecast to a readjusted size of USD 48 million by 2029 with a CAGR of 5.1% during review period.

This report studies the Laser Direct Imaging (LDI) System for IC Substrate. Currently FC-BGA (ABF) is the largest and fastest-growing segment of IC Substrate, driven by the demand from PCs, server, AI Chips, Data Center, HPC Chips, and Communication, etc.

The Global Info Research report includes an overview of the development of the Laser Direct Imaging (LDI) System for IC Substrates industry chain, the market status of FC-BGA (ABF) (Full-Automatic Direct Imaging System, Semi-automated and Manually LDI System), FC-CSP (Full-Automatic Direct Imaging System, Semi-automated and Manually LDI System), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Laser Direct Imaging (LDI) System for IC Substrates.

Regionally, the report analyzes the Laser Direct Imaging (LDI) System for IC Substrates markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Laser Direct Imaging (LDI) System for IC Substrates market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Laser Direct Imaging (LDI) System for IC Substrates market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Laser Direct Imaging (LDI) System for IC Substrates industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., Full-Automatic Direct Imaging System, Semi-automated and Manually LDI System).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Laser Direct Imaging (LDI) System for IC Substrates market.

**Regional Analysis:** The report involves examining the Laser Direct Imaging (LDI) System for IC Substrates market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Laser Direct Imaging (LDI) System for IC Substrates market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Laser Direct Imaging (LDI) System for IC Substrates:

**Company Analysis:** Report covers individual Laser Direct Imaging (LDI) System for IC Substrates manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and

attitudes towards Laser Direct Imaging (LDI) System for IC Substrates This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (FC-BGA (ABF), FC-CSP).

**Technology Analysis:** Report covers specific technologies relevant to Laser Direct Imaging (LDI) System for IC Substrates. It assesses the current state, advancements, and potential future developments in Laser Direct Imaging (LDI) System for IC Substrates areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Laser Direct Imaging (LDI) System for IC Substrates market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Laser Direct Imaging (LDI) System for IC Substrates market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Full-Automatic Direct Imaging System

Semi-automated and Manually LDI System

### Market segment by Application

FC-BGA (ABF)

FC-CSP

BGA/CSP

## SiP and RF Modules

### Major players covered

Orbotech (KLA)

ADTEC

SCREEN

Chime Ball Technology

ORC Manufacturing

Circuit Fabology Microelectronics Equipment Co.,Ltd.

TZTEK Company

Han's Laser

Jiangsu Yingsu IC Equipment

### Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

*Global Laser Direct Imaging (LDI) System for IC Substrates Market 2023 by Manufacturers, Regions, Type and App...*

Chapter 1, to describe Laser Direct Imaging (LDI) System for IC Substrates product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Laser Direct Imaging (LDI) System for IC Substrates, with price, sales, revenue and global market share of Laser Direct Imaging (LDI) System for IC Substrates from 2018 to 2023.

Chapter 3, the Laser Direct Imaging (LDI) System for IC Substrates competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Laser Direct Imaging (LDI) System for IC Substrates breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Laser Direct Imaging (LDI) System for IC Substrates market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Laser Direct Imaging (LDI) System for IC Substrates.

Chapter 14 and 15, to describe Laser Direct Imaging (LDI) System for IC Substrates sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Laser Direct Imaging (LDI) System for IC Substrates
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Type: 2018 Versus 2022 Versus 2029
  - 1.3.2 Full-Automatic Direct Imaging System
  - 1.3.3 Semi-automated and Manually LDI System
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Application: 2018 Versus 2022 Versus 2029
  - 1.4.2 FC-BGA (ABF)
  - 1.4.3 FC-CSP
  - 1.4.4 BGA/CSP
  - 1.4.5 SiP and RF Modules
- 1.5 Global Laser Direct Imaging (LDI) System for IC Substrates Market Size & Forecast
  - 1.5.1 Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value (2018 & 2022 & 2029)
  - 1.5.2 Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity (2018-2029)
  - 1.5.3 Global Laser Direct Imaging (LDI) System for IC Substrates Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

- 2.1 Orbotech (KLA)
  - 2.1.1 Orbotech (KLA) Details
  - 2.1.2 Orbotech (KLA) Major Business
  - 2.1.3 Orbotech (KLA) Laser Direct Imaging (LDI) System for IC Substrates Product and Services
  - 2.1.4 Orbotech (KLA) Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.1.5 Orbotech (KLA) Recent Developments/Updates
- 2.2 ADTEC
  - 2.2.1 ADTEC Details

### 2.2.2 ADTEC Major Business

### 2.2.3 ADTEC Laser Direct Imaging (LDI) System for IC Substrates Product and Services

### 2.2.4 ADTEC Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.2.5 ADTEC Recent Developments/Updates

## 2.3 SCREEN

### 2.3.1 SCREEN Details

### 2.3.2 SCREEN Major Business

### 2.3.3 SCREEN Laser Direct Imaging (LDI) System for IC Substrates Product and Services

### 2.3.4 SCREEN Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.3.5 SCREEN Recent Developments/Updates

## 2.4 Chime Ball Technology

### 2.4.1 Chime Ball Technology Details

### 2.4.2 Chime Ball Technology Major Business

### 2.4.3 Chime Ball Technology Laser Direct Imaging (LDI) System for IC Substrates Product and Services

### 2.4.4 Chime Ball Technology Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.4.5 Chime Ball Technology Recent Developments/Updates

## 2.5 ORC Manufacturing

### 2.5.1 ORC Manufacturing Details

### 2.5.2 ORC Manufacturing Major Business

### 2.5.3 ORC Manufacturing Laser Direct Imaging (LDI) System for IC Substrates Product and Services

### 2.5.4 ORC Manufacturing Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.5.5 ORC Manufacturing Recent Developments/Updates

## 2.6 Circuit Fabology Microelectronics Equipment Co.,Ltd.

### 2.6.1 Circuit Fabology Microelectronics Equipment Co.,Ltd. Details

### 2.6.2 Circuit Fabology Microelectronics Equipment Co.,Ltd. Major Business

### 2.6.3 Circuit Fabology Microelectronics Equipment Co.,Ltd. Laser Direct Imaging (LDI) System for IC Substrates Product and Services

### 2.6.4 Circuit Fabology Microelectronics Equipment Co.,Ltd. Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.6.5 Circuit Fabology Microelectronics Equipment Co.,Ltd. Recent

## Developments/Updates

### 2.7 TZTEK Company

2.7.1 TZTEK Company Details

2.7.2 TZTEK Company Major Business

2.7.3 TZTEK Company Laser Direct Imaging (LDI) System for IC Substrates Product and Services

2.7.4 TZTEK Company Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 TZTEK Company Recent Developments/Updates

### 2.8 Han's Laser

2.8.1 Han's Laser Details

2.8.2 Han's Laser Major Business

2.8.3 Han's Laser Laser Direct Imaging (LDI) System for IC Substrates Product and Services

2.8.4 Han's Laser Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Han's Laser Recent Developments/Updates

### 2.9 Jiangsu Yingsu IC Equipment

2.9.1 Jiangsu Yingsu IC Equipment Details

2.9.2 Jiangsu Yingsu IC Equipment Major Business

2.9.3 Jiangsu Yingsu IC Equipment Laser Direct Imaging (LDI) System for IC Substrates Product and Services

2.9.4 Jiangsu Yingsu IC Equipment Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Jiangsu Yingsu IC Equipment Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: LASER DIRECT IMAGING (LDI) SYSTEM FOR IC SUBSTRATES BY MANUFACTURER**

3.1 Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Manufacturer (2018-2023)

3.2 Global Laser Direct Imaging (LDI) System for IC Substrates Revenue by Manufacturer (2018-2023)

3.3 Global Laser Direct Imaging (LDI) System for IC Substrates Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Laser Direct Imaging (LDI) System for IC Substrates by Manufacturer Revenue (\$MM) and Market Share (%): 2022



3.4.2 Top 3 Laser Direct Imaging (LDI) System for IC Substrates Manufacturer Market Share in 2022

3.4.2 Top 6 Laser Direct Imaging (LDI) System for IC Substrates Manufacturer Market Share in 2022

3.5 Laser Direct Imaging (LDI) System for IC Substrates Market: Overall Company Footprint Analysis

3.5.1 Laser Direct Imaging (LDI) System for IC Substrates Market: Region Footprint

3.5.2 Laser Direct Imaging (LDI) System for IC Substrates Market: Company Product Type Footprint

3.5.3 Laser Direct Imaging (LDI) System for IC Substrates Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global Laser Direct Imaging (LDI) System for IC Substrates Market Size by Region

4.1.1 Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Region (2018-2029)

4.1.2 Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Region (2018-2029)

4.1.3 Global Laser Direct Imaging (LDI) System for IC Substrates Average Price by Region (2018-2029)

4.2 North America Laser Direct Imaging (LDI) System for IC Substrates Consumption Value (2018-2029)

4.3 Europe Laser Direct Imaging (LDI) System for IC Substrates Consumption Value (2018-2029)

4.4 Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Consumption Value (2018-2029)

4.5 South America Laser Direct Imaging (LDI) System for IC Substrates Consumption Value (2018-2029)

4.6 Middle East and Africa Laser Direct Imaging (LDI) System for IC Substrates Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2018-2029)

5.2 Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by

Type (2018-2029)

5.3 Global Laser Direct Imaging (LDI) System for IC Substrates Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2018-2029)

6.2 Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Application (2018-2029)

6.3 Global Laser Direct Imaging (LDI) System for IC Substrates Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

7.1 North America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2018-2029)

7.2 North America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2018-2029)

7.3 North America Laser Direct Imaging (LDI) System for IC Substrates Market Size by Country

7.3.1 North America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Country (2018-2029)

7.3.2 North America Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

8.1 Europe Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2018-2029)

8.2 Europe Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2018-2029)

8.3 Europe Laser Direct Imaging (LDI) System for IC Substrates Market Size by Country

8.3.1 Europe Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Country (2018-2029)

8.3.2 Europe Laser Direct Imaging (LDI) System for IC Substrates Consumption Value

by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Market Size by Region

9.3.1 Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

10.1 South America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2018-2029)

10.2 South America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2018-2029)

10.3 South America Laser Direct Imaging (LDI) System for IC Substrates Market Size by Country

10.3.1 South America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Country (2018-2029)

10.3.2 South America Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

#### 10.3.4 Argentina Market Size and Forecast (2018-2029)

### **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates Market Size by Country

11.3.1 Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

### **12 MARKET DYNAMICS**

12.1 Laser Direct Imaging (LDI) System for IC Substrates Market Drivers

12.2 Laser Direct Imaging (LDI) System for IC Substrates Market Restraints

12.3 Laser Direct Imaging (LDI) System for IC Substrates Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

### **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Laser Direct Imaging (LDI) System for IC Substrates and Key Manufacturers

13.2 Manufacturing Costs Percentage of Laser Direct Imaging (LDI) System for IC Substrates

13.3 Laser Direct Imaging (LDI) System for IC Substrates Production Process

13.4 Laser Direct Imaging (LDI) System for IC Substrates Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

### 14.1 Sales Channel

#### 14.1.1 Direct to End-User

#### 14.1.2 Distributors

### 14.2 Laser Direct Imaging (LDI) System for IC Substrates Typical Distributors

### 14.3 Laser Direct Imaging (LDI) System for IC Substrates Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

### 16.1 Methodology

### 16.2 Research Process and Data Source

### 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Orbotech (KLA) Basic Information, Manufacturing Base and Competitors

Table 4. Orbotech (KLA) Major Business

Table 5. Orbotech (KLA) Laser Direct Imaging (LDI) System for IC Substrates Product and Services

Table 6. Orbotech (KLA) Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Orbotech (KLA) Recent Developments/Updates

Table 8. ADTEC Basic Information, Manufacturing Base and Competitors

Table 9. ADTEC Major Business

Table 10. ADTEC Laser Direct Imaging (LDI) System for IC Substrates Product and Services

Table 11. ADTEC Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. ADTEC Recent Developments/Updates

Table 13. SCREEN Basic Information, Manufacturing Base and Competitors

Table 14. SCREEN Major Business

Table 15. SCREEN Laser Direct Imaging (LDI) System for IC Substrates Product and Services

Table 16. SCREEN Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. SCREEN Recent Developments/Updates

Table 18. Chime Ball Technology Basic Information, Manufacturing Base and Competitors

Table 19. Chime Ball Technology Major Business

Table 20. Chime Ball Technology Laser Direct Imaging (LDI) System for IC Substrates Product and Services

Table 21. Chime Ball Technology Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin

and Market Share (2018-2023)

Table 22. Chime Ball Technology Recent Developments/Updates

Table 23. ORC Manufacturing Basic Information, Manufacturing Base and Competitors

Table 24. ORC Manufacturing Major Business

Table 25. ORC Manufacturing Laser Direct Imaging (LDI) System for IC Substrates Product and Services

Table 26. ORC Manufacturing Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. ORC Manufacturing Recent Developments/Updates

Table 28. Circuit Fabology Microelectronics Equipment Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 29. Circuit Fabology Microelectronics Equipment Co.,Ltd. Major Business

Table 30. Circuit Fabology Microelectronics Equipment Co.,Ltd. Laser Direct Imaging (LDI) System for IC Substrates Product and Services

Table 31. Circuit Fabology Microelectronics Equipment Co.,Ltd. Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Circuit Fabology Microelectronics Equipment Co.,Ltd. Recent Developments/Updates

Table 33. TZTEK Company Basic Information, Manufacturing Base and Competitors

Table 34. TZTEK Company Major Business

Table 35. TZTEK Company Laser Direct Imaging (LDI) System for IC Substrates Product and Services

Table 36. TZTEK Company Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. TZTEK Company Recent Developments/Updates

Table 38. Han's Laser Basic Information, Manufacturing Base and Competitors

Table 39. Han's Laser Major Business

Table 40. Han's Laser Laser Direct Imaging (LDI) System for IC Substrates Product and Services

Table 41. Han's Laser Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Han's Laser Recent Developments/Updates

Table 43. Jiangsu Yingsu IC Equipment Basic Information, Manufacturing Base and Competitors

Table 44. Jiangsu Yingsu IC Equipment Major Business

Table 45. Jiangsu Yingsu IC Equipment Laser Direct Imaging (LDI) System for IC Substrates Product and Services

Table 46. Jiangsu Yingsu IC Equipment Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Jiangsu Yingsu IC Equipment Recent Developments/Updates

Table 48. Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Manufacturer (2018-2023) & (Units)

Table 49. Global Laser Direct Imaging (LDI) System for IC Substrates Revenue by Manufacturer (2018-2023) & (USD Million)

Table 50. Global Laser Direct Imaging (LDI) System for IC Substrates Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 51. Market Position of Manufacturers in Laser Direct Imaging (LDI) System for IC Substrates, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 52. Head Office and Laser Direct Imaging (LDI) System for IC Substrates Production Site of Key Manufacturer

Table 53. Laser Direct Imaging (LDI) System for IC Substrates Market: Company Product Type Footprint

Table 54. Laser Direct Imaging (LDI) System for IC Substrates Market: Company Product Application Footprint

Table 55. Laser Direct Imaging (LDI) System for IC Substrates New Market Entrants and Barriers to Market Entry

Table 56. Laser Direct Imaging (LDI) System for IC Substrates Mergers, Acquisition, Agreements, and Collaborations

Table 57. Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Region (2018-2023) & (Units)

Table 58. Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Region (2024-2029) & (Units)

Table 59. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Region (2018-2023) & (USD Million)

Table 60. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Region (2024-2029) & (USD Million)

Table 61. Global Laser Direct Imaging (LDI) System for IC Substrates Average Price by Region (2018-2023) & (US\$/Unit)

Table 62. Global Laser Direct Imaging (LDI) System for IC Substrates Average Price by Region (2024-2029) & (US\$/Unit)

Table 63. Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2018-2023) & (Units)

Table 64. Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by



Type (2024-2029) & (Units)

Table 65. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Type (2018-2023) & (USD Million)

Table 66. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Type (2024-2029) & (USD Million)

Table 67. Global Laser Direct Imaging (LDI) System for IC Substrates Average Price by Type (2018-2023) & (US\$/Unit)

Table 68. Global Laser Direct Imaging (LDI) System for IC Substrates Average Price by Type (2024-2029) & (US\$/Unit)

Table 69. Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2018-2023) & (Units)

Table 70. Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2024-2029) & (Units)

Table 71. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Application (2018-2023) & (USD Million)

Table 72. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Application (2024-2029) & (USD Million)

Table 73. Global Laser Direct Imaging (LDI) System for IC Substrates Average Price by Application (2018-2023) & (US\$/Unit)

Table 74. Global Laser Direct Imaging (LDI) System for IC Substrates Average Price by Application (2024-2029) & (US\$/Unit)

Table 75. North America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2018-2023) & (Units)

Table 76. North America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2024-2029) & (Units)

Table 77. North America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2018-2023) & (Units)

Table 78. North America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2024-2029) & (Units)

Table 79. North America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Country (2018-2023) & (Units)

Table 80. North America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Country (2024-2029) & (Units)

Table 81. North America Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Country (2018-2023) & (USD Million)

Table 82. North America Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Country (2024-2029) & (USD Million)

Table 83. Europe Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2018-2023) & (Units)

Table 84. Europe Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2024-2029) & (Units)

Table 85. Europe Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2018-2023) & (Units)

Table 86. Europe Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2024-2029) & (Units)

Table 87. Europe Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Country (2018-2023) & (Units)

Table 88. Europe Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Country (2024-2029) & (Units)

Table 89. Europe Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Country (2018-2023) & (USD Million)

Table 90. Europe Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Country (2024-2029) & (USD Million)

Table 91. Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2018-2023) & (Units)

Table 92. Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2024-2029) & (Units)

Table 93. Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2018-2023) & (Units)

Table 94. Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2024-2029) & (Units)

Table 95. Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Region (2018-2023) & (Units)

Table 96. Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Region (2024-2029) & (Units)

Table 97. Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Region (2018-2023) & (USD Million)

Table 98. Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Region (2024-2029) & (USD Million)

Table 99. South America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2018-2023) & (Units)

Table 100. South America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Type (2024-2029) & (Units)

Table 101. South America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2018-2023) & (Units)

Table 102. South America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity by Application (2024-2029) & (Units)

Table 103. South America Laser Direct Imaging (LDI) System for IC Substrates Sales

Quantity by Country (2018-2023) & (Units)

Table 104. South America Laser Direct Imaging (LDI) System for IC Substrates Sales

Quantity by Country (2024-2029) & (Units)

Table 105. South America Laser Direct Imaging (LDI) System for IC Substrates

Consumption Value by Country (2018-2023) & (USD Million)

Table 106. South America Laser Direct Imaging (LDI) System for IC Substrates

Consumption Value by Country (2024-2029) & (USD Million)

Table 107. Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates

Sales Quantity by Type (2018-2023) & (Units)

Table 108. Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates

Sales Quantity by Type (2024-2029) & (Units)

Table 109. Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates

Sales Quantity by Application (2018-2023) & (Units)

Table 110. Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates

Sales Quantity by Application (2024-2029) & (Units)

Table 111. Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates

Sales Quantity by Region (2018-2023) & (Units)

Table 112. Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates

Sales Quantity by Region (2024-2029) & (Units)

Table 113. Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates

Consumption Value by Region (2018-2023) & (USD Million)

Table 114. Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates

Consumption Value by Region (2024-2029) & (USD Million)

Table 115. Laser Direct Imaging (LDI) System for IC Substrates Raw Material

Table 116. Key Manufacturers of Laser Direct Imaging (LDI) System for IC Substrates Raw Materials

Table 117. Laser Direct Imaging (LDI) System for IC Substrates Typical Distributors

Table 118. Laser Direct Imaging (LDI) System for IC Substrates Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Laser Direct Imaging (LDI) System for IC Substrates Picture
- Figure 2. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value Market Share by Type in 2022
- Figure 4. Full-Automatic Direct Imaging System Examples
- Figure 5. Semi-automated and Manually LDI System Examples
- Figure 6. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 7. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value Market Share by Application in 2022
- Figure 8. FC-BGA (ABF) Examples
- Figure 9. FC-CSP Examples
- Figure 10. BGA/CSP Examples
- Figure 11. SiP and RF Modules Examples
- Figure 12. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 13. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 14. Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity (2018-2029) & (Units)
- Figure 15. Global Laser Direct Imaging (LDI) System for IC Substrates Average Price (2018-2029) & (US\$/Unit)
- Figure 16. Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Manufacturer in 2022
- Figure 17. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value Market Share by Manufacturer in 2022
- Figure 18. Producer Shipments of Laser Direct Imaging (LDI) System for IC Substrates by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 19. Top 3 Laser Direct Imaging (LDI) System for IC Substrates Manufacturer (Consumption Value) Market Share in 2022
- Figure 20. Top 6 Laser Direct Imaging (LDI) System for IC Substrates Manufacturer (Consumption Value) Market Share in 2022
- Figure 21. Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Region (2018-2029)

Figure 22. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value Market Share by Region (2018-2029)

Figure 23. North America Laser Direct Imaging (LDI) System for IC Substrates Consumption Value (2018-2029) & (USD Million)

Figure 24. Europe Laser Direct Imaging (LDI) System for IC Substrates Consumption Value (2018-2029) & (USD Million)

Figure 25. Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Consumption Value (2018-2029) & (USD Million)

Figure 26. South America Laser Direct Imaging (LDI) System for IC Substrates Consumption Value (2018-2029) & (USD Million)

Figure 27. Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates Consumption Value (2018-2029) & (USD Million)

Figure 28. Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Type (2018-2029)

Figure 29. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value Market Share by Type (2018-2029)

Figure 30. Global Laser Direct Imaging (LDI) System for IC Substrates Average Price by Type (2018-2029) & (US\$/Unit)

Figure 31. Global Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Application (2018-2029)

Figure 32. Global Laser Direct Imaging (LDI) System for IC Substrates Consumption Value Market Share by Application (2018-2029)

Figure 33. Global Laser Direct Imaging (LDI) System for IC Substrates Average Price by Application (2018-2029) & (US\$/Unit)

Figure 34. North America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Type (2018-2029)

Figure 35. North America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Application (2018-2029)

Figure 36. North America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Country (2018-2029)

Figure 37. North America Laser Direct Imaging (LDI) System for IC Substrates Consumption Value Market Share by Country (2018-2029)

Figure 38. United States Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Canada Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Mexico Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Europe Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity

Market Share by Type (2018-2029)

Figure 42. Europe Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Application (2018-2029)

Figure 43. Europe Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Country (2018-2029)

Figure 44. Europe Laser Direct Imaging (LDI) System for IC Substrates Consumption Value Market Share by Country (2018-2029)

Figure 45. Germany Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. France Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. United Kingdom Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Russia Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Italy Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Type (2018-2029)

Figure 51. Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Application (2018-2029)

Figure 52. Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Region (2018-2029)

Figure 53. Asia-Pacific Laser Direct Imaging (LDI) System for IC Substrates Consumption Value Market Share by Region (2018-2029)

Figure 54. China Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Japan Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Korea Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. India Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Southeast Asia Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Australia Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. South America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Type (2018-2029)

- Figure 61. South America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Application (2018-2029)
- Figure 62. South America Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Country (2018-2029)
- Figure 63. South America Laser Direct Imaging (LDI) System for IC Substrates Consumption Value Market Share by Country (2018-2029)
- Figure 64. Brazil Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 65. Argentina Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 66. Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Type (2018-2029)
- Figure 67. Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Application (2018-2029)
- Figure 68. Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates Sales Quantity Market Share by Region (2018-2029)
- Figure 69. Middle East & Africa Laser Direct Imaging (LDI) System for IC Substrates Consumption Value Market Share by Region (2018-2029)
- Figure 70. Turkey Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 71. Egypt Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 72. Saudi Arabia Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 73. South Africa Laser Direct Imaging (LDI) System for IC Substrates Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 74. Laser Direct Imaging (LDI) System for IC Substrates Market Drivers
- Figure 75. Laser Direct Imaging (LDI) System for IC Substrates Market Restraints
- Figure 76. Laser Direct Imaging (LDI) System for IC Substrates Market Trends
- Figure 77. Porters Five Forces Analysis
- Figure 78. Manufacturing Cost Structure Analysis of Laser Direct Imaging (LDI) System for IC Substrates in 2022
- Figure 79. Manufacturing Process Analysis of Laser Direct Imaging (LDI) System for IC Substrates
- Figure 80. Laser Direct Imaging (LDI) System for IC Substrates Industrial Chain
- Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors
- Figure 82. Direct Channel Pros & Cons
- Figure 83. Indirect Channel Pros & Cons
- Figure 84. Methodology

## Figure 85. Research Process and Data Source



## I would like to order

Product name: Global Laser Direct Imaging (LDI) System for IC Substrates Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G0289E66D94EEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

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

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G0289E66D94EEN.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

