

Global PCB / PCBA Automated Optical Inspection Systems Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G3F1EEA2D961EN.html>

Date: June 2026

Pages: 190

Price: US\$ 4,480.00 (Single User License)

ID: G3F1EEA2D961EN

Abstracts

The global PCB / PCBA Automated Optical Inspection Systems market size is expected to reach \$ 2311 million by 2032, rising at a market growth of 7.0% CAGR during the forecast period (2026-2032).

PCB / PCBA Automated Optical Inspection Systems are dedicated machine-vision inspection platforms used across printed circuit board fabrication, flexible and high-density interconnect board manufacturing, substrate-like board inspection, and printed circuit board assembly processes. A typical system integrates high-resolution 2D/3D imaging, multi-angle illumination, structured-light or laser-based metrology, precision motion control, defect-recognition algorithms, process-control software, traceability modules, and line-level communication interfaces. These systems automatically inspect and classify visible quality defects such as open and short circuits, scratches, contamination, solder mask defects, missing or misplaced components, polarity errors, insufficient solder, solder bridges, tombstoning, lifted leads, THT solder defects, conformal coating defects, and final cosmetic defects. This study focuses on AOI/AVI equipment, dedicated inspection software, and key optical metrology modules used for bare PCB, FPC/HDI, substrate-like board, and PCBA manufacturing applications.

Based on our research, the PCB / PCBA AOI systems market should be understood as a dedicated process-control equipment segment rather than a generic machine-vision market. The core value of these systems lies in defect libraries, application-specific optics, illumination design, 3D metrology, motion-control stability, false-call reduction, process traceability, and integration with electronics manufacturing data standards. For this reason, the study scope focuses on AOI/AVI equipment and dedicated inspection software used in bare PCB, FPC/HDI, substrate-like board, SMT, THT, and final PCBA

inspection. Standalone SPI, AXI, ICT, flying-probe testing, and generic machine-vision components are treated as adjacent categories rather than part of the revenue model. This narrower definition better reflects purchasing behavior and avoids overstating the market by mixing unrelated inspection technologies.

From a demand perspective, growth is driven by three structural forces. First, automotive electronics, AI servers, industrial control, power electronics, communications equipment, and medical electronics are pushing PCBAs toward higher density, higher reliability, and more stringent quality traceability. Second, advanced PCB, FPC, HDI, and substrate-like manufacturing require more precise defect detection for fine lines, microvias, warpage, foreign materials, and cosmetic defects, increasing the value of high-end AVI/AOI systems. Third, electronics manufacturers are using AOI data as a process-control input rather than a simple pass/fail checkpoint. As a result, the competitive frontier is moving from hardware-only inspection speed toward AI-assisted programming, low false-call rates, cross-machine data analytics, and closed-loop process optimization.

This report studies the global PCB / PCBA Automated Optical Inspection Systems production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for PCB / PCBA Automated Optical Inspection Systems and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of PCB / PCBA Automated Optical Inspection Systems that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global PCB / PCBA Automated Optical Inspection Systems total production and demand, 2021-2032, (Units)

Global PCB / PCBA Automated Optical Inspection Systems total production value, 2021-2032, (USD Million)

Global PCB / PCBA Automated Optical Inspection Systems production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global PCB / PCBA Automated Optical Inspection Systems consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: PCB / PCBA Automated Optical Inspection Systems domestic production, consumption, key domestic manufacturers and share

Global PCB / PCBA Automated Optical Inspection Systems production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global PCB / PCBA Automated Optical Inspection Systems production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global PCB / PCBA Automated Optical Inspection Systems production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global PCB / PCBA Automated Optical Inspection Systems market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include KLA Corporation, OMRON Corporation, Nordson Corporation, Yamaha Motor Co., Ltd., Mycronic AB, Koh Young Technology Inc., ViTrox Corporation Berhad, Test Research, Inc., Viscom SE, CIMS, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World PCB / PCBA Automated Optical Inspection Systems market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global PCB / PCBA Automated Optical Inspection Systems Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global PCB / PCBA Automated Optical Inspection Systems Market, Segmentation by Type:

2D AOI System

3D AOI System

Other Customized AOI Systems

Global PCB / PCBA Automated Optical Inspection Systems Market, Segmentation by Technology Route:

2D Image Processing

3D Structured Light

Hybrid 2D + 3D Inspection

Other

Global PCB / PCBA Automated Optical Inspection Systems Market, Segmentation by Process Step:

Bare Board Final Inspection

Pre-reflow AOI

Post-reflow AOI

Other

Global PCB / PCBA Automated Optical Inspection Systems Market, Segmentation by Application:

Incoming / Pre-process Inspection

In-process Quality Inspection

Final Quality Inspection

Other

Companies Profiled:

KLA Corporation

OMRON Corporation

Nordson Corporation

Yamaha Motor Co., Ltd.

Mycronic AB

Koh Young Technology Inc.

ViTrox Corporation Berhad

Test Research, Inc.

Viscom SE

CIMS

MIRTEC Co., Ltd.

SAKI Corporation

Machvision Inc.

Utechzone Co., Ltd.

JUTZE Intelligence Technology Co., Ltd.

Sinictek Intelligent Technology Co., Ltd.

FAVITE Inc.

PEMTRON Corporation

PARMI Co., Ltd.

Marantz Electronics Ltd.

G?PEL electronic GmbH

Magic-ray Technology

Zhenhuaxing Intelligent Technology Co., Ltd.

Machine Vision Products, Inc.

Delvitech SA

ASC International

Shenzhen HTGD Intelligent Equipment Co., Ltd.

ALeader Vision Technology

AOI Systems Ltd.

Key Questions Answered:

1. How big is the global PCB / PCBA Automated Optical Inspection Systems market?
2. What is the demand of the global PCB / PCBA Automated Optical Inspection Systems market?
3. What is the year over year growth of the global PCB / PCBA Automated Optical Inspection Systems market?
4. What is the production and production value of the global PCB / PCBA Automated Optical Inspection Systems market?
5. Who are the key producers in the global PCB / PCBA Automated Optical Inspection Systems market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 PCB / PCBA Automated Optical Inspection Systems Introduction
- 1.2 World PCB / PCBA Automated Optical Inspection Systems Supply & Forecast
 - 1.2.1 World PCB / PCBA Automated Optical Inspection Systems Production Value (2021 & 2025 & 2032)
 - 1.2.2 World PCB / PCBA Automated Optical Inspection Systems Production (2021-2032)
 - 1.2.3 World PCB / PCBA Automated Optical Inspection Systems Pricing Trends (2021-2032)
- 1.3 World PCB / PCBA Automated Optical Inspection Systems Production by Region (Based on Production Site)
 - 1.3.1 World PCB / PCBA Automated Optical Inspection Systems Production Value by Region (2021-2032)
 - 1.3.2 World PCB / PCBA Automated Optical Inspection Systems Production by Region (2021-2032)
 - 1.3.3 World PCB / PCBA Automated Optical Inspection Systems Average Price by Region (2021-2032)
 - 1.3.4 North America PCB / PCBA Automated Optical Inspection Systems Production (2021-2032)
 - 1.3.5 Europe PCB / PCBA Automated Optical Inspection Systems Production (2021-2032)
 - 1.3.6 China PCB / PCBA Automated Optical Inspection Systems Production (2021-2032)
 - 1.3.7 Japan PCB / PCBA Automated Optical Inspection Systems Production (2021-2032)
 - 1.3.8 South Korea PCB / PCBA Automated Optical Inspection Systems Production (2021-2032)
 - 1.3.9 Southeast Asia PCB / PCBA Automated Optical Inspection Systems Production (2021-2032)
 - 1.3.10 Israel PCB / PCBA Automated Optical Inspection Systems Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 PCB / PCBA Automated Optical Inspection Systems Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 PCB / PCBA Automated Optical Inspection Systems Major Market Trends

2 DEMAND SUMMARY

- 2.1 World PCB / PCBA Automated Optical Inspection Systems Demand (2021-2032)
- 2.2 World PCB / PCBA Automated Optical Inspection Systems Consumption by Region
 - 2.2.1 World PCB / PCBA Automated Optical Inspection Systems Consumption by Region (2021-2026)
 - 2.2.2 World PCB / PCBA Automated Optical Inspection Systems Consumption Forecast by Region (2027-2032)
- 2.3 United States PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032)
- 2.4 China PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032)
- 2.5 Europe PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032)
- 2.6 Japan PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032)
- 2.7 South Korea PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032)
- 2.8 ASEAN PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032)
- 2.9 India PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World PCB / PCBA Automated Optical Inspection Systems Production Value by Manufacturer (2021-2026)
- 3.2 World PCB / PCBA Automated Optical Inspection Systems Production by Manufacturer (2021-2026)
- 3.3 World PCB / PCBA Automated Optical Inspection Systems Average Price by Manufacturer (2021-2026)
- 3.4 PCB / PCBA Automated Optical Inspection Systems Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global PCB / PCBA Automated Optical Inspection Systems Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for PCB / PCBA Automated Optical Inspection Systems in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for PCB / PCBA Automated Optical Inspection Systems in 2025

3.6 PCB / PCBA Automated Optical Inspection Systems Market: Overall Company Footprint Analysis

3.6.1 PCB / PCBA Automated Optical Inspection Systems Market: Region Footprint

3.6.2 PCB / PCBA Automated Optical Inspection Systems Market: Company Product Type Footprint

3.6.3 PCB / PCBA Automated Optical Inspection Systems Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: PCB / PCBA Automated Optical Inspection Systems Production Value Comparison

4.1.1 United States VS China: PCB / PCBA Automated Optical Inspection Systems Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: PCB / PCBA Automated Optical Inspection Systems Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: PCB / PCBA Automated Optical Inspection Systems Production Comparison

4.2.1 United States VS China: PCB / PCBA Automated Optical Inspection Systems Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: PCB / PCBA Automated Optical Inspection Systems Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: PCB / PCBA Automated Optical Inspection Systems Consumption Comparison

4.3.1 United States VS China: PCB / PCBA Automated Optical Inspection Systems Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: PCB / PCBA Automated Optical Inspection Systems Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based PCB / PCBA Automated Optical Inspection Systems Manufacturers and Market Share, 2021-2026

4.4.1 United States Based PCB / PCBA Automated Optical Inspection Systems Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers PCB / PCBA Automated Optical Inspection

Systems Production Value (2021-2026)

4.4.3 United States Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production (2021-2026)

4.5 China Based PCB / PCBA Automated Optical Inspection Systems Manufacturers and Market Share

4.5.1 China Based PCB / PCBA Automated Optical Inspection Systems Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production Value (2021-2026)

4.5.3 China Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production (2021-2026)

4.6 Rest of World Based PCB / PCBA Automated Optical Inspection Systems Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based PCB / PCBA Automated Optical Inspection Systems Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World PCB / PCBA Automated Optical Inspection Systems Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 2D AOI System

5.2.2 3D AOI System

5.2.3 Other Customized AOI Systems

5.3 Market Segment by Type

5.3.1 World PCB / PCBA Automated Optical Inspection Systems Production by Type (2021-2032)

5.3.2 World PCB / PCBA Automated Optical Inspection Systems Production Value by Type (2021-2032)

5.3.3 World PCB / PCBA Automated Optical Inspection Systems Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY TECHNOLOGY ROUTE

6.1 World PCB / PCBA Automated Optical Inspection Systems Market Size Overview by

Technology Route: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Technology Route

6.2.1 2D Image Processing

6.2.2 3D Structured Light

6.2.3 Hybrid 2D + 3D Inspection

6.2.4 Other

6.3 Market Segment by Technology Route

6.3.1 World PCB / PCBA Automated Optical Inspection Systems Production by Technology Route (2021-2032)

6.3.2 World PCB / PCBA Automated Optical Inspection Systems Production Value by Technology Route (2021-2032)

6.3.3 World PCB / PCBA Automated Optical Inspection Systems Average Price by Technology Route (2021-2032)

7 MARKET ANALYSIS BY PROCESS STEP

7.1 World PCB / PCBA Automated Optical Inspection Systems Market Size Overview by Process Step: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Process Step

7.2.1 Bare Board Final Inspection

7.2.2 Pre-reflow AOI

7.2.3 Post-reflow AOI

7.2.4 Other

7.3 Market Segment by Process Step

7.3.1 World PCB / PCBA Automated Optical Inspection Systems Production by Process Step (2021-2032)

7.3.2 World PCB / PCBA Automated Optical Inspection Systems Production Value by Process Step (2021-2032)

7.3.3 World PCB / PCBA Automated Optical Inspection Systems Average Price by Process Step (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World PCB / PCBA Automated Optical Inspection Systems Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Incoming / Pre-process Inspection

8.2.2 In-process Quality Inspection

8.2.3 Final Quality Inspection

8.2.4 Other

8.3 Market Segment by Application

8.3.1 World PCB / PCBA Automated Optical Inspection Systems Production by Application (2021-2032)

8.3.2 World PCB / PCBA Automated Optical Inspection Systems Production Value by Application (2021-2032)

8.3.3 World PCB / PCBA Automated Optical Inspection Systems Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 KLA Corporation

9.1.1 KLA Corporation Details

9.1.2 KLA Corporation Major Business

9.1.3 KLA Corporation PCB / PCBA Automated Optical Inspection Systems Product and Services

9.1.4 KLA Corporation PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 KLA Corporation Recent Developments/Updates

9.1.6 KLA Corporation Competitive Strengths & Weaknesses

9.2 OMRON Corporation

9.2.1 OMRON Corporation Details

9.2.2 OMRON Corporation Major Business

9.2.3 OMRON Corporation PCB / PCBA Automated Optical Inspection Systems Product and Services

9.2.4 OMRON Corporation PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 OMRON Corporation Recent Developments/Updates

9.2.6 OMRON Corporation Competitive Strengths & Weaknesses

9.3 Nordson Corporation

9.3.1 Nordson Corporation Details

9.3.2 Nordson Corporation Major Business

9.3.3 Nordson Corporation PCB / PCBA Automated Optical Inspection Systems Product and Services

9.3.4 Nordson Corporation PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Nordson Corporation Recent Developments/Updates

9.3.6 Nordson Corporation Competitive Strengths & Weaknesses

9.4 Yamaha Motor Co., Ltd.

- 9.4.1 Yamaha Motor Co., Ltd. Details
- 9.4.2 Yamaha Motor Co., Ltd. Major Business
- 9.4.3 Yamaha Motor Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services
- 9.4.4 Yamaha Motor Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.4.5 Yamaha Motor Co., Ltd. Recent Developments/Updates
- 9.4.6 Yamaha Motor Co., Ltd. Competitive Strengths & Weaknesses
- 9.5 Mycronic AB
 - 9.5.1 Mycronic AB Details
 - 9.5.2 Mycronic AB Major Business
 - 9.5.3 Mycronic AB PCB / PCBA Automated Optical Inspection Systems Product and Services
 - 9.5.4 Mycronic AB PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 Mycronic AB Recent Developments/Updates
 - 9.5.6 Mycronic AB Competitive Strengths & Weaknesses
- 9.6 Koh Young Technology Inc.
 - 9.6.1 Koh Young Technology Inc. Details
 - 9.6.2 Koh Young Technology Inc. Major Business
 - 9.6.3 Koh Young Technology Inc. PCB / PCBA Automated Optical Inspection Systems Product and Services
 - 9.6.4 Koh Young Technology Inc. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 Koh Young Technology Inc. Recent Developments/Updates
 - 9.6.6 Koh Young Technology Inc. Competitive Strengths & Weaknesses
- 9.7 ViTrox Corporation Berhad
 - 9.7.1 ViTrox Corporation Berhad Details
 - 9.7.2 ViTrox Corporation Berhad Major Business
 - 9.7.3 ViTrox Corporation Berhad PCB / PCBA Automated Optical Inspection Systems Product and Services
 - 9.7.4 ViTrox Corporation Berhad PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 ViTrox Corporation Berhad Recent Developments/Updates
 - 9.7.6 ViTrox Corporation Berhad Competitive Strengths & Weaknesses
- 9.8 Test Research, Inc.
 - 9.8.1 Test Research, Inc. Details
 - 9.8.2 Test Research, Inc. Major Business
 - 9.8.3 Test Research, Inc. PCB / PCBA Automated Optical Inspection Systems Product

and Services

9.8.4 Test Research, Inc. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Test Research, Inc. Recent Developments/Updates

9.8.6 Test Research, Inc. Competitive Strengths & Weaknesses

9.9 Viscom SE

9.9.1 Viscom SE Details

9.9.2 Viscom SE Major Business

9.9.3 Viscom SE PCB / PCBA Automated Optical Inspection Systems Product and Services

9.9.4 Viscom SE PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Viscom SE Recent Developments/Updates

9.9.6 Viscom SE Competitive Strengths & Weaknesses

9.10 CIMS

9.10.1 CIMS Details

9.10.2 CIMS Major Business

9.10.3 CIMS PCB / PCBA Automated Optical Inspection Systems Product and Services

9.10.4 CIMS PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 CIMS Recent Developments/Updates

9.10.6 CIMS Competitive Strengths & Weaknesses

9.11 MIRTEC Co., Ltd.

9.11.1 MIRTEC Co., Ltd. Details

9.11.2 MIRTEC Co., Ltd. Major Business

9.11.3 MIRTEC Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services

9.11.4 MIRTEC Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 MIRTEC Co., Ltd. Recent Developments/Updates

9.11.6 MIRTEC Co., Ltd. Competitive Strengths & Weaknesses

9.12 SAKI Corporation

9.12.1 SAKI Corporation Details

9.12.2 SAKI Corporation Major Business

9.12.3 SAKI Corporation PCB / PCBA Automated Optical Inspection Systems Product and Services

9.12.4 SAKI Corporation PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.12.5 SAKI Corporation Recent Developments/Updates
- 9.12.6 SAKI Corporation Competitive Strengths & Weaknesses
- 9.13 Machvision Inc.
 - 9.13.1 Machvision Inc. Details
 - 9.13.2 Machvision Inc. Major Business
 - 9.13.3 Machvision Inc. PCB / PCBA Automated Optical Inspection Systems Product and Services
 - 9.13.4 Machvision Inc. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 Machvision Inc. Recent Developments/Updates
 - 9.13.6 Machvision Inc. Competitive Strengths & Weaknesses
- 9.14 Utechzone Co., Ltd.
 - 9.14.1 Utechzone Co., Ltd. Details
 - 9.14.2 Utechzone Co., Ltd. Major Business
 - 9.14.3 Utechzone Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services
 - 9.14.4 Utechzone Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 Utechzone Co., Ltd. Recent Developments/Updates
 - 9.14.6 Utechzone Co., Ltd. Competitive Strengths & Weaknesses
- 9.15 JUTZE Intelligence Technology Co., Ltd.
 - 9.15.1 JUTZE Intelligence Technology Co., Ltd. Details
 - 9.15.2 JUTZE Intelligence Technology Co., Ltd. Major Business
 - 9.15.3 JUTZE Intelligence Technology Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services
 - 9.15.4 JUTZE Intelligence Technology Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 JUTZE Intelligence Technology Co., Ltd. Recent Developments/Updates
 - 9.15.6 JUTZE Intelligence Technology Co., Ltd. Competitive Strengths & Weaknesses
- 9.16 Sinictek Intelligent Technology Co., Ltd.
 - 9.16.1 Sinictek Intelligent Technology Co., Ltd. Details
 - 9.16.2 Sinictek Intelligent Technology Co., Ltd. Major Business
 - 9.16.3 Sinictek Intelligent Technology Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services
 - 9.16.4 Sinictek Intelligent Technology Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.16.5 Sinictek Intelligent Technology Co., Ltd. Recent Developments/Updates

- 9.16.6 Sinictek Intelligent Technology Co., Ltd. Competitive Strengths & Weaknesses
- 9.17 FAVITE Inc.
 - 9.17.1 FAVITE Inc. Details
 - 9.17.2 FAVITE Inc. Major Business
 - 9.17.3 FAVITE Inc. PCB / PCBA Automated Optical Inspection Systems Product and Services
 - 9.17.4 FAVITE Inc. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.17.5 FAVITE Inc. Recent Developments/Updates
 - 9.17.6 FAVITE Inc. Competitive Strengths & Weaknesses
- 9.18 PEMTRON Corporation
 - 9.18.1 PEMTRON Corporation Details
 - 9.18.2 PEMTRON Corporation Major Business
 - 9.18.3 PEMTRON Corporation PCB / PCBA Automated Optical Inspection Systems Product and Services
 - 9.18.4 PEMTRON Corporation PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.18.5 PEMTRON Corporation Recent Developments/Updates
 - 9.18.6 PEMTRON Corporation Competitive Strengths & Weaknesses
- 9.19 PARMi Co., Ltd.
 - 9.19.1 PARMi Co., Ltd. Details
 - 9.19.2 PARMi Co., Ltd. Major Business
 - 9.19.3 PARMi Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services
 - 9.19.4 PARMi Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.19.5 PARMi Co., Ltd. Recent Developments/Updates
 - 9.19.6 PARMi Co., Ltd. Competitive Strengths & Weaknesses
- 9.20 Marantz Electronics Ltd.
 - 9.20.1 Marantz Electronics Ltd. Details
 - 9.20.2 Marantz Electronics Ltd. Major Business
 - 9.20.3 Marantz Electronics Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services
 - 9.20.4 Marantz Electronics Ltd. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.20.5 Marantz Electronics Ltd. Recent Developments/Updates
 - 9.20.6 Marantz Electronics Ltd. Competitive Strengths & Weaknesses
- 9.21 G?PEL electronic GmbH
 - 9.21.1 G?PEL electronic GmbH Details

- 9.21.2 G?PEL electronic GmbH Major Business
- 9.21.3 G?PEL electronic GmbH PCB / PCBA Automated Optical Inspection Systems Product and Services
- 9.21.4 G?PEL electronic GmbH PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.21.5 G?PEL electronic GmbH Recent Developments/Updates
- 9.21.6 G?PEL electronic GmbH Competitive Strengths & Weaknesses
- 9.22 Magic-ray Technology
 - 9.22.1 Magic-ray Technology Details
 - 9.22.2 Magic-ray Technology Major Business
 - 9.22.3 Magic-ray Technology PCB / PCBA Automated Optical Inspection Systems Product and Services
 - 9.22.4 Magic-ray Technology PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.22.5 Magic-ray Technology Recent Developments/Updates
 - 9.22.6 Magic-ray Technology Competitive Strengths & Weaknesses
- 9.23 Zhenhuaxing Intelligent Technology Co., Ltd.
 - 9.23.1 Zhenhuaxing Intelligent Technology Co., Ltd. Details
 - 9.23.2 Zhenhuaxing Intelligent Technology Co., Ltd. Major Business
 - 9.23.3 Zhenhuaxing Intelligent Technology Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services
 - 9.23.4 Zhenhuaxing Intelligent Technology Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.23.5 Zhenhuaxing Intelligent Technology Co., Ltd. Recent Developments/Updates
 - 9.23.6 Zhenhuaxing Intelligent Technology Co., Ltd. Competitive Strengths & Weaknesses
- 9.24 Machine Vision Products, Inc.
 - 9.24.1 Machine Vision Products, Inc. Details
 - 9.24.2 Machine Vision Products, Inc. Major Business
 - 9.24.3 Machine Vision Products, Inc. PCB / PCBA Automated Optical Inspection Systems Product and Services
 - 9.24.4 Machine Vision Products, Inc. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.24.5 Machine Vision Products, Inc. Recent Developments/Updates
 - 9.24.6 Machine Vision Products, Inc. Competitive Strengths & Weaknesses
- 9.25 Delvitech SA
 - 9.25.1 Delvitech SA Details
 - 9.25.2 Delvitech SA Major Business

9.25.3 Delvitech SA PCB / PCBA Automated Optical Inspection Systems Product and Services

9.25.4 Delvitech SA PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.25.5 Delvitech SA Recent Developments/Updates

9.25.6 Delvitech SA Competitive Strengths & Weaknesses

9.26 ASC International

9.26.1 ASC International Details

9.26.2 ASC International Major Business

9.26.3 ASC International PCB / PCBA Automated Optical Inspection Systems Product and Services

9.26.4 ASC International PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.26.5 ASC International Recent Developments/Updates

9.26.6 ASC International Competitive Strengths & Weaknesses

9.27 Shenzhen HTGD Intelligent Equipment Co., Ltd.

9.27.1 Shenzhen HTGD Intelligent Equipment Co., Ltd. Details

9.27.2 Shenzhen HTGD Intelligent Equipment Co., Ltd. Major Business

9.27.3 Shenzhen HTGD Intelligent Equipment Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services

9.27.4 Shenzhen HTGD Intelligent Equipment Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.27.5 Shenzhen HTGD Intelligent Equipment Co., Ltd. Recent Developments/Updates

9.27.6 Shenzhen HTGD Intelligent Equipment Co., Ltd. Competitive Strengths & Weaknesses

9.28 ALeader Vision Technology

9.28.1 ALeader Vision Technology Details

9.28.2 ALeader Vision Technology Major Business

9.28.3 ALeader Vision Technology PCB / PCBA Automated Optical Inspection Systems Product and Services

9.28.4 ALeader Vision Technology PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.28.5 ALeader Vision Technology Recent Developments/Updates

9.28.6 ALeader Vision Technology Competitive Strengths & Weaknesses

9.29 AOI Systems Ltd.

9.29.1 AOI Systems Ltd. Details

9.29.2 AOI Systems Ltd. Major Business

9.29.3 AOI Systems Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services

9.29.4 AOI Systems Ltd. PCB / PCBA Automated Optical Inspection Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.29.5 AOI Systems Ltd. Recent Developments/Updates

9.29.6 AOI Systems Ltd. Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 PCB / PCBA Automated Optical Inspection Systems Industry Chain

10.2 PCB / PCBA Automated Optical Inspection Systems Upstream Analysis

10.2.1 PCB / PCBA Automated Optical Inspection Systems Core Raw Materials

10.2.2 Main Manufacturers of PCB / PCBA Automated Optical Inspection Systems Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 PCB / PCBA Automated Optical Inspection Systems Production Mode

10.6 PCB / PCBA Automated Optical Inspection Systems Procurement Model

10.7 PCB / PCBA Automated Optical Inspection Systems Industry Sales Model and Sales Channels

10.7.1 PCB / PCBA Automated Optical Inspection Systems Sales Model

10.7.2 PCB / PCBA Automated Optical Inspection Systems Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World PCB / PCBA Automated Optical Inspection Systems Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World PCB / PCBA Automated Optical Inspection Systems Production Value by Region (2021-2026) & (USD Million)

Table 3. World PCB / PCBA Automated Optical Inspection Systems Production Value by Region (2027-2032) & (USD Million)

Table 4. World PCB / PCBA Automated Optical Inspection Systems Production Value Market Share by Region (2021-2026)

Table 5. World PCB / PCBA Automated Optical Inspection Systems Production Value Market Share by Region (2027-2032)

Table 6. World PCB / PCBA Automated Optical Inspection Systems Production by Region (2021-2026) & (Units)

Table 7. World PCB / PCBA Automated Optical Inspection Systems Production by Region (2027-2032) & (Units)

Table 8. World PCB / PCBA Automated Optical Inspection Systems Production Market Share by Region (2021-2026)

Table 9. World PCB / PCBA Automated Optical Inspection Systems Production Market Share by Region (2027-2032)

Table 10. World PCB / PCBA Automated Optical Inspection Systems Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World PCB / PCBA Automated Optical Inspection Systems Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. PCB / PCBA Automated Optical Inspection Systems Major Market Trends

Table 13. World PCB / PCBA Automated Optical Inspection Systems Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World PCB / PCBA Automated Optical Inspection Systems Consumption by Region (2021-2026) & (Units)

Table 15. World PCB / PCBA Automated Optical Inspection Systems Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World PCB / PCBA Automated Optical Inspection Systems Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key PCB / PCBA Automated Optical Inspection Systems Producers in 2025

Table 18. World PCB / PCBA Automated Optical Inspection Systems Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key PCB / PCBA Automated Optical Inspection Systems Producers in 2025

Table 20. World PCB / PCBA Automated Optical Inspection Systems Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global PCB / PCBA Automated Optical Inspection Systems Company Evaluation Quadrant

Table 22. World PCB / PCBA Automated Optical Inspection Systems Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and PCB / PCBA Automated Optical Inspection Systems Production Site of Key Manufacturer

Table 24. PCB / PCBA Automated Optical Inspection Systems Market: Company Product Type Footprint

Table 25. PCB / PCBA Automated Optical Inspection Systems Market: Company Product Application Footprint

Table 26. PCB / PCBA Automated Optical Inspection Systems Competitive Factors

Table 27. PCB / PCBA Automated Optical Inspection Systems New Entrant and Capacity Expansion Plans

Table 28. PCB / PCBA Automated Optical Inspection Systems Mergers & Acquisitions Activity

Table 29. United States VS China PCB / PCBA Automated Optical Inspection Systems Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China PCB / PCBA Automated Optical Inspection Systems Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China PCB / PCBA Automated Optical Inspection Systems Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based PCB / PCBA Automated Optical Inspection Systems Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production Market Share (2021-2026)

Table 37. China Based PCB / PCBA Automated Optical Inspection Systems Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production Market Share (2021-2026)

Table 42. Rest of World Based PCB / PCBA Automated Optical Inspection Systems Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production Market Share (2021-2026)

Table 47. World PCB / PCBA Automated Optical Inspection Systems Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World PCB / PCBA Automated Optical Inspection Systems Production by Type (2021-2026) & (Units)

Table 49. World PCB / PCBA Automated Optical Inspection Systems Production by Type (2027-2032) & (Units)

Table 50. World PCB / PCBA Automated Optical Inspection Systems Production Value by Type (2021-2026) & (USD Million)

Table 51. World PCB / PCBA Automated Optical Inspection Systems Production Value by Type (2027-2032) & (USD Million)

Table 52. World PCB / PCBA Automated Optical Inspection Systems Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World PCB / PCBA Automated Optical Inspection Systems Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World PCB / PCBA Automated Optical Inspection Systems Production Value by Technology Route, (USD Million), 2021 & 2025 & 2032

Table 55. World PCB / PCBA Automated Optical Inspection Systems Production by Technology Route (2021-2026) & (Units)

Table 56. World PCB / PCBA Automated Optical Inspection Systems Production by Technology Route (2027-2032) & (Units)

Table 57. World PCB / PCBA Automated Optical Inspection Systems Production Value by Technology Route (2021-2026) & (USD Million)

Table 58. World PCB / PCBA Automated Optical Inspection Systems Production Value

by Technology Route (2027-2032) & (USD Million)

Table 59. World PCB / PCBA Automated Optical Inspection Systems Average Price by Technology Route (2021-2026) & (US\$/Unit)

Table 60. World PCB / PCBA Automated Optical Inspection Systems Average Price by Technology Route (2027-2032) & (US\$/Unit)

Table 61. World PCB / PCBA Automated Optical Inspection Systems Production Value by Process Step, (USD Million), 2021 & 2025 & 2032

Table 62. World PCB / PCBA Automated Optical Inspection Systems Production by Process Step (2021-2026) & (Units)

Table 63. World PCB / PCBA Automated Optical Inspection Systems Production by Process Step (2027-2032) & (Units)

Table 64. World PCB / PCBA Automated Optical Inspection Systems Production Value by Process Step (2021-2026) & (USD Million)

Table 65. World PCB / PCBA Automated Optical Inspection Systems Production Value by Process Step (2027-2032) & (USD Million)

Table 66. World PCB / PCBA Automated Optical Inspection Systems Average Price by Process Step (2021-2026) & (US\$/Unit)

Table 67. World PCB / PCBA Automated Optical Inspection Systems Average Price by Process Step (2027-2032) & (US\$/Unit)

Table 68. World PCB / PCBA Automated Optical Inspection Systems Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World PCB / PCBA Automated Optical Inspection Systems Production by Application (2021-2026) & (Units)

Table 70. World PCB / PCBA Automated Optical Inspection Systems Production by Application (2027-2032) & (Units)

Table 71. World PCB / PCBA Automated Optical Inspection Systems Production Value by Application (2021-2026) & (USD Million)

Table 72. World PCB / PCBA Automated Optical Inspection Systems Production Value by Application (2027-2032) & (USD Million)

Table 73. World PCB / PCBA Automated Optical Inspection Systems Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World PCB / PCBA Automated Optical Inspection Systems Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. KLA Corporation Basic Information, Manufacturing Base and Competitors

Table 76. KLA Corporation Major Business

Table 77. KLA Corporation PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 78. KLA Corporation PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and

Market Share (2021-2026)

Table 79. KLA Corporation Recent Developments/Updates

Table 80. KLA Corporation Competitive Strengths & Weaknesses

Table 81. OMRON Corporation Basic Information, Manufacturing Base and Competitors

Table 82. OMRON Corporation Major Business

Table 83. OMRON Corporation PCB / PCBA Automated Optical Inspection Systems
Product and ServicesTable 84. OMRON Corporation PCB / PCBA Automated Optical Inspection Systems
Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and
Market Share (2021-2026)

Table 85. OMRON Corporation Recent Developments/Updates

Table 86. OMRON Corporation Competitive Strengths & Weaknesses

Table 87. Nordson Corporation Basic Information, Manufacturing Base and Competitors

Table 88. Nordson Corporation Major Business

Table 89. Nordson Corporation PCB / PCBA Automated Optical Inspection Systems
Product and ServicesTable 90. Nordson Corporation PCB / PCBA Automated Optical Inspection Systems
Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and
Market Share (2021-2026)

Table 91. Nordson Corporation Recent Developments/Updates

Table 92. Nordson Corporation Competitive Strengths & Weaknesses

Table 93. Yamaha Motor Co., Ltd. Basic Information, Manufacturing Base and
Competitors

Table 94. Yamaha Motor Co., Ltd. Major Business

Table 95. Yamaha Motor Co., Ltd. PCB / PCBA Automated Optical Inspection Systems
Product and ServicesTable 96. Yamaha Motor Co., Ltd. PCB / PCBA Automated Optical Inspection Systems
Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and
Market Share (2021-2026)

Table 97. Yamaha Motor Co., Ltd. Recent Developments/Updates

Table 98. Yamaha Motor Co., Ltd. Competitive Strengths & Weaknesses

Table 99. Mycronic AB Basic Information, Manufacturing Base and Competitors

Table 100. Mycronic AB Major Business

Table 101. Mycronic AB PCB / PCBA Automated Optical Inspection Systems Product
and ServicesTable 102. Mycronic AB PCB / PCBA Automated Optical Inspection Systems
Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and
Market Share (2021-2026)

Table 103. Mycronic AB Recent Developments/Updates

Table 104. Mycronic AB Competitive Strengths & Weaknesses

Table 105. Koh Young Technology Inc. Basic Information, Manufacturing Base and Competitors

Table 106. Koh Young Technology Inc. Major Business

Table 107. Koh Young Technology Inc. PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 108. Koh Young Technology Inc. PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Koh Young Technology Inc. Recent Developments/Updates

Table 110. Koh Young Technology Inc. Competitive Strengths & Weaknesses

Table 111. ViTrox Corporation Berhad Basic Information, Manufacturing Base and Competitors

Table 112. ViTrox Corporation Berhad Major Business

Table 113. ViTrox Corporation Berhad PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 114. ViTrox Corporation Berhad PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. ViTrox Corporation Berhad Recent Developments/Updates

Table 116. ViTrox Corporation Berhad Competitive Strengths & Weaknesses

Table 117. Test Research, Inc. Basic Information, Manufacturing Base and Competitors

Table 118. Test Research, Inc. Major Business

Table 119. Test Research, Inc. PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 120. Test Research, Inc. PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Test Research, Inc. Recent Developments/Updates

Table 122. Test Research, Inc. Competitive Strengths & Weaknesses

Table 123. Viscom SE Basic Information, Manufacturing Base and Competitors

Table 124. Viscom SE Major Business

Table 125. Viscom SE PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 126. Viscom SE PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Viscom SE Recent Developments/Updates

Table 128. Viscom SE Competitive Strengths & Weaknesses

Table 129. CIMS Basic Information, Manufacturing Base and Competitors

Table 130. CIMS Major Business

Table 131. CIMS PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 132. CIMS PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. CIMS Recent Developments/Updates

Table 134. CIMS Competitive Strengths & Weaknesses

Table 135. MIRTEC Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 136. MIRTEC Co., Ltd. Major Business

Table 137. MIRTEC Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 138. MIRTEC Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. MIRTEC Co., Ltd. Recent Developments/Updates

Table 140. MIRTEC Co., Ltd. Competitive Strengths & Weaknesses

Table 141. SAKI Corporation Basic Information, Manufacturing Base and Competitors

Table 142. SAKI Corporation Major Business

Table 143. SAKI Corporation PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 144. SAKI Corporation PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. SAKI Corporation Recent Developments/Updates

Table 146. SAKI Corporation Competitive Strengths & Weaknesses

Table 147. Machvision Inc. Basic Information, Manufacturing Base and Competitors

Table 148. Machvision Inc. Major Business

Table 149. Machvision Inc. PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 150. Machvision Inc. PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Machvision Inc. Recent Developments/Updates

Table 152. Machvision Inc. Competitive Strengths & Weaknesses

Table 153. Utechzone Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 154. Utechzone Co., Ltd. Major Business

Table 155. Utechzone Co., Ltd. PCB / PCBA Automated Optical Inspection Systems

Product and Services

Table 156. Utechzone Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Utechzone Co., Ltd. Recent Developments/Updates

Table 158. Utechzone Co., Ltd. Competitive Strengths & Weaknesses

Table 159. JUTZE Intelligence Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 160. JUTZE Intelligence Technology Co., Ltd. Major Business

Table 161. JUTZE Intelligence Technology Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 162. JUTZE Intelligence Technology Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. JUTZE Intelligence Technology Co., Ltd. Recent Developments/Updates

Table 164. JUTZE Intelligence Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 165. Sinictek Intelligent Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 166. Sinictek Intelligent Technology Co., Ltd. Major Business

Table 167. Sinictek Intelligent Technology Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 168. Sinictek Intelligent Technology Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Sinictek Intelligent Technology Co., Ltd. Recent Developments/Updates

Table 170. Sinictek Intelligent Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 171. FAVITE Inc. Basic Information, Manufacturing Base and Competitors

Table 172. FAVITE Inc. Major Business

Table 173. FAVITE Inc. PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 174. FAVITE Inc. PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 175. FAVITE Inc. Recent Developments/Updates

Table 176. FAVITE Inc. Competitive Strengths & Weaknesses

Table 177. PEMTRON Corporation Basic Information, Manufacturing Base and Competitors

Table 178. PEMTRON Corporation Major Business

Table 179. PEMTRON Corporation PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 180. PEMTRON Corporation PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 181. PEMTRON Corporation Recent Developments/Updates

Table 182. PEMTRON Corporation Competitive Strengths & Weaknesses

Table 183. PARMi Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 184. PARMi Co., Ltd. Major Business

Table 185. PARMi Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 186. PARMi Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 187. PARMi Co., Ltd. Recent Developments/Updates

Table 188. PARMi Co., Ltd. Competitive Strengths & Weaknesses

Table 189. Marantz Electronics Ltd. Basic Information, Manufacturing Base and Competitors

Table 190. Marantz Electronics Ltd. Major Business

Table 191. Marantz Electronics Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 192. Marantz Electronics Ltd. PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 193. Marantz Electronics Ltd. Recent Developments/Updates

Table 194. Marantz Electronics Ltd. Competitive Strengths & Weaknesses

Table 195. G?PEL electronic GmbH Basic Information, Manufacturing Base and Competitors

Table 196. G?PEL electronic GmbH Major Business

Table 197. G?PEL electronic GmbH PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 198. G?PEL electronic GmbH PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 199. G?PEL electronic GmbH Recent Developments/Updates

Table 200. G?PEL electronic GmbH Competitive Strengths & Weaknesses

Table 201. Magic-ray Technology Basic Information, Manufacturing Base and Competitors

Table 202. Magic-ray Technology Major Business

Table 203. Magic-ray Technology PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 204. Magic-ray Technology PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 205. Magic-ray Technology Recent Developments/Updates

Table 206. Magic-ray Technology Competitive Strengths & Weaknesses

Table 207. Zhenhuaxing Intelligent Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 208. Zhenhuaxing Intelligent Technology Co., Ltd. Major Business

Table 209. Zhenhuaxing Intelligent Technology Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 210. Zhenhuaxing Intelligent Technology Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 211. Zhenhuaxing Intelligent Technology Co., Ltd. Recent Developments/Updates

Table 212. Zhenhuaxing Intelligent Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 213. Machine Vision Products, Inc. Basic Information, Manufacturing Base and Competitors

Table 214. Machine Vision Products, Inc. Major Business

Table 215. Machine Vision Products, Inc. PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 216. Machine Vision Products, Inc. PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 217. Machine Vision Products, Inc. Recent Developments/Updates

Table 218. Machine Vision Products, Inc. Competitive Strengths & Weaknesses

Table 219. Delvitech SA Basic Information, Manufacturing Base and Competitors

Table 220. Delvitech SA Major Business

Table 221. Delvitech SA PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 222. Delvitech SA PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 223. Delvitech SA Recent Developments/Updates

Table 224. Delvitech SA Competitive Strengths & Weaknesses

Table 225. ASC International Basic Information, Manufacturing Base and Competitors

Table 226. ASC International Major Business

Table 227. ASC International PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 228. ASC International PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 229. ASC International Recent Developments/Updates

Table 230. ASC International Competitive Strengths & Weaknesses

Table 231. Shenzhen HTGD Intelligent Equipment Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 232. Shenzhen HTGD Intelligent Equipment Co., Ltd. Major Business

Table 233. Shenzhen HTGD Intelligent Equipment Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 234. Shenzhen HTGD Intelligent Equipment Co., Ltd. PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 235. Shenzhen HTGD Intelligent Equipment Co., Ltd. Recent Developments/Updates

Table 236. Shenzhen HTGD Intelligent Equipment Co., Ltd. Competitive Strengths & Weaknesses

Table 237. ALeader Vision Technology Basic Information, Manufacturing Base and Competitors

Table 238. ALeader Vision Technology Major Business

Table 239. ALeader Vision Technology PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 240. ALeader Vision Technology PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 241. ALeader Vision Technology Recent Developments/Updates

Table 242. ALeader Vision Technology Competitive Strengths & Weaknesses

Table 243. AOI Systems Ltd. Basic Information, Manufacturing Base and Competitors

Table 244. AOI Systems Ltd. Major Business

Table 245. AOI Systems Ltd. PCB / PCBA Automated Optical Inspection Systems Product and Services

Table 246. AOI Systems Ltd. PCB / PCBA Automated Optical Inspection Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 247. AOI Systems Ltd. Recent Developments/Updates

Table 248. AOI Systems Ltd. Competitive Strengths & Weaknesses

Table 249. Global Key Players of PCB / PCBA Automated Optical Inspection Systems Upstream (Raw Materials)

Table 250. Global PCB / PCBA Automated Optical Inspection Systems Typical Customers

Table 251. PCB / PCBA Automated Optical Inspection Systems Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. PCB / PCBA Automated Optical Inspection Systems Picture

Figure 2. World PCB / PCBA Automated Optical Inspection Systems Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World PCB / PCBA Automated Optical Inspection Systems Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World PCB / PCBA Automated Optical Inspection Systems Production (2021-2032) & (Units)

Figure 5. World PCB / PCBA Automated Optical Inspection Systems Average Price (2021-2032) & (US\$/Unit)

Figure 6. World PCB / PCBA Automated Optical Inspection Systems Production Value Market Share by Region (2021-2032)

Figure 7. World PCB / PCBA Automated Optical Inspection Systems Production Market Share by Region (2021-2032)

Figure 8. North America PCB / PCBA Automated Optical Inspection Systems Production (2021-2032) & (Units)

Figure 9. Europe PCB / PCBA Automated Optical Inspection Systems Production (2021-2032) & (Units)

Figure 10. China PCB / PCBA Automated Optical Inspection Systems Production (2021-2032) & (Units)

Figure 11. Japan PCB / PCBA Automated Optical Inspection Systems Production (2021-2032) & (Units)

Figure 12. South Korea PCB / PCBA Automated Optical Inspection Systems Production (2021-2032) & (Units)

Figure 13. Southeast Asia PCB / PCBA Automated Optical Inspection Systems Production (2021-2032) & (Units)

Figure 14. Israel PCB / PCBA Automated Optical Inspection Systems Production (2021-2032) & (Units)

Figure 15. PCB / PCBA Automated Optical Inspection Systems Market Drivers

Figure 16. Factors Affecting Demand

Figure 17. World PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032) & (Units)

Figure 18. World PCB / PCBA Automated Optical Inspection Systems Consumption Market Share by Region (2021-2032)

Figure 19. United States PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032) & (Units)

Figure 20. China PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032) & (Units)

Figure 21. Europe PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032) & (Units)

Figure 22. Japan PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032) & (Units)

Figure 23. South Korea PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032) & (Units)

Figure 24. ASEAN PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032) & (Units)

Figure 25. India PCB / PCBA Automated Optical Inspection Systems Consumption (2021-2032) & (Units)

Figure 26. Producer Shipments of PCB / PCBA Automated Optical Inspection Systems by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 27. Global Four-firm Concentration Ratios (CR4) for PCB / PCBA Automated Optical Inspection Systems Markets in 2025

Figure 28. Global Four-firm Concentration Ratios (CR8) for PCB / PCBA Automated Optical Inspection Systems Markets in 2025

Figure 29. United States VS China: PCB / PCBA Automated Optical Inspection Systems Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: PCB / PCBA Automated Optical Inspection Systems Production Market Share Comparison (2021 & 2025 & 2032)

Figure 31. United States VS China: PCB / PCBA Automated Optical Inspection Systems Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 32. United States Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production Market Share 2025

Figure 33. China Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production Market Share 2025

Figure 34. Rest of World Based Manufacturers PCB / PCBA Automated Optical Inspection Systems Production Market Share 2025

Figure 35. World PCB / PCBA Automated Optical Inspection Systems Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 36. World PCB / PCBA Automated Optical Inspection Systems Production Value Market Share by Type in 2025

Figure 37. 2D AOI System

Figure 38. 3D AOI System

Figure 39. Other Customized AOI Systems

Figure 40. World PCB / PCBA Automated Optical Inspection Systems Production Market Share by Type (2021-2032)

Figure 41. World PCB / PCBA Automated Optical Inspection Systems Production Value Market Share by Type (2021-2032)

Figure 42. World PCB / PCBA Automated Optical Inspection Systems Average Price by Type (2021-2032) & (US\$/Unit)

Figure 43. World PCB / PCBA Automated Optical Inspection Systems Production Value by Technology Route, (USD Million), 2021 & 2025 & 2032

Figure 44. World PCB / PCBA Automated Optical Inspection Systems Production Value Market Share by Technology Route in 2025

Figure 45. 2D Image Processing

Figure 46. 3D Structured Light

Figure 47. Hybrid 2D + 3D Inspection

Figure 48. Other

Figure 49. World PCB / PCBA Automated Optical Inspection Systems Production Market Share by Technology Route (2021-2032)

Figure 50. World PCB / PCBA Automated Optical Inspection Systems Production Value Market Share by Technology Route (2021-2032)

Figure 51. World PCB / PCBA Automated Optical Inspection Systems Average Price by Technology Route (2021-2032) & (US\$/Unit)

Figure 52. World PCB / PCBA Automated Optical Inspection Systems Production Value by Process Step, (USD Million), 2021 & 2025 & 2032

Figure 53. World PCB / PCBA Automated Optical Inspection Systems Production Value Market Share by Process Step in 2025

Figure 54. Bare Board Final Inspection

Figure 55. Pre-reflow AOI

Figure 56. Post-reflow AOI

Figure 57. Other

Figure 58. World PCB / PCBA Automated Optical Inspection Systems Production Market Share by Process Step (2021-2032)

Figure 59. World PCB / PCBA Automated Optical Inspection Systems Production Value Market Share by Process Step (2021-2032)

Figure 60. World PCB / PCBA Automated Optical Inspection Systems Average Price by Process Step (2021-2032) & (US\$/Unit)

Figure 61. World PCB / PCBA Automated Optical Inspection Systems Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 62. World PCB / PCBA Automated Optical Inspection Systems Production Value Market Share by Application in 2025

Figure 63. Incoming / Pre-process Inspection

Figure 64. In-process Quality Inspection

Figure 65. Final Quality Inspection

Figure 66. Other

Figure 67. World PCB / PCBA Automated Optical Inspection Systems Production Market Share by Application (2021-2032)

Figure 68. World PCB / PCBA Automated Optical Inspection Systems Production Value Market Share by Application (2021-2032)

Figure 69. World PCB / PCBA Automated Optical Inspection Systems Average Price by Application (2021-2032) & (US\$/Unit)

Figure 70. PCB / PCBA Automated Optical Inspection Systems Industry Chain

Figure 71. PCB / PCBA Automated Optical Inspection Systems Procurement Model

Figure 72. PCB / PCBA Automated Optical Inspection Systems Sales Model

Figure 73. PCB / PCBA Automated Optical Inspection Systems Sales Channels, Direct Sales, and Distribution

Figure 74. Methodology

Figure 75. Research Process and Data Source

I would like to order

Product name: Global PCB / PCBA Automated Optical Inspection Systems Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G3F1EEA2D961EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3F1EEA2D961EN.html>