

Global 4-Quadrant Photodiode Market Growth 2026-2032

<https://marketpublishers.com/r/G8CD8915F248EN.html>

Date: July 2026

Pages: 114

Price: US\$ 3,660.00 (Single User License)

ID: G8CD8915F248EN

Abstracts

The global 4-Quadrant Photodiode market size is predicted to grow from US\$ 115 million in 2025 to US\$ 188 million in 2032; it is expected to grow at a CAGR of 7.4% from 2026 to 2032.

4-Quadrant Photodiode are devices used to measure the position and intensity of a light spot on a surface. They consist of four photodetectors arranged in a quadrant configuration. When light falls on the surface, each photodetector generates a signal proportional to the intensity of the light in its respective quadrant. By analyzing the signals from all four detectors, the position of the light spot can be determined in both the X and Y directions. These detectors are commonly used in laser alignment systems, laser tracking systems, and optical position sensing applications where precise positioning and tracking of a light source are required

United States market for 4-Quadrant Photodiode is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for 4-Quadrant Photodiode is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for 4-Quadrant Photodiode is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key 4-Quadrant Photodiode players cover First Sensor, Hamamatsu, OSI Optoelectronics, Excelitas, GPD Optoelectronics, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?4-Quadrant Photodiode Industry Forecast? looks at past sales and reviews total world 4-Quadrant Photodiode sales in 2025, providing a comprehensive analysis by region and market sector of projected 4-Quadrant Photodiode sales for 2026 through 2032. With 4-Quadrant Photodiode sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world 4-Quadrant Photodiode industry.

This Insight Report provides a comprehensive analysis of the global 4-Quadrant Photodiode landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on 4-Quadrant Photodiode portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms? unique position in an accelerating global 4-Quadrant Photodiode market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for 4-Quadrant Photodiode and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global 4-Quadrant Photodiode.

This report presents a comprehensive overview, market shares, and growth opportunities of 4-Quadrant Photodiode market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

PIN Type

APD Type

Segmentation by Application:

Analytical Instruments

Communications

Measurement Equipment

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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

First Sensor

Hamamatsu

OSI Optoelectronics

Excelitas

GPD Optoelectronics

Marktech Optoelectronics

Teledyne Judson Technologies (TJT)

Prema Semiconductor

LD-PD INC

Albis Optoelectronics

Otron Sensor

Shanghai NB Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global 4-Quadrant Photodiode market?

What factors are driving 4-Quadrant Photodiode market growth, globally and by region?

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

How do 4-Quadrant Photodiode market opportunities vary by end market size?

How does 4-Quadrant Photodiode break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

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

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global 4-Quadrant Photodiode Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for 4-Quadrant Photodiode by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for 4-Quadrant Photodiode by Country/Region, 2021, 2025 & 2032
- 2.2 4-Quadrant Photodiode Segment by Type
 - 2.2.1 PIN Type
 - 2.2.2 APD Type
 - 2.2.3 4-Quadrant Photodiode Sales by Type
 - 2.2.3.1 Global 4-Quadrant Photodiode Sales Market Share by Type (2021-2026)
 - 2.2.3.2 Global 4-Quadrant Photodiode Revenue and Market Share by Type (2021-2026)
 - 2.2.3.3 Global 4-Quadrant Photodiode Sale Price by Type (2021-2026)
- 2.3 4-Quadrant Photodiode Segment by Application
 - 2.3.1 Analytical Instruments
 - 2.3.2 Communications
 - 2.3.3 Measurement Equipment
 - 2.3.4 Others
 - 2.3.5 4-Quadrant Photodiode Sales by Application
 - 2.3.5.1 Global 4-Quadrant Photodiode Sale Market Share by Application (2021-2026)
 - 2.3.5.2 Global 4-Quadrant Photodiode Revenue and Market Share by Application (2021-2026)
 - 2.3.5.3 Global 4-Quadrant Photodiode Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

- 3.1 Global 4-Quadrant Photodiode Breakdown Data by Company
 - 3.1.1 Global 4-Quadrant Photodiode Annual Sales by Company (2021-2026)
 - 3.1.2 Global 4-Quadrant Photodiode Sales Market Share by Company (2021-2026)
- 3.2 Global 4-Quadrant Photodiode Annual Revenue by Company (2021-2026)
 - 3.2.1 Global 4-Quadrant Photodiode Revenue by Company (2021-2026)
 - 3.2.2 Global 4-Quadrant Photodiode Revenue Market Share by Company (2021-2026)
- 3.3 Global 4-Quadrant Photodiode Sale Price by Company
- 3.4 Key Manufacturers 4-Quadrant Photodiode Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers 4-Quadrant Photodiode Product Location Distribution
 - 3.4.2 Players 4-Quadrant Photodiode Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR 4-QUADRANT PHOTODIODE BY GEOGRAPHIC REGION

- 4.1 World Historic 4-Quadrant Photodiode Market Size by Geographic Region (2021-2026)
 - 4.1.1 Global 4-Quadrant Photodiode Annual Sales by Geographic Region (2021-2026)
 - 4.1.2 Global 4-Quadrant Photodiode Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic 4-Quadrant Photodiode Market Size by Country/Region (2021-2026)
 - 4.2.1 Global 4-Quadrant Photodiode Annual Sales by Country/Region (2021-2026)
 - 4.2.2 Global 4-Quadrant Photodiode Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas 4-Quadrant Photodiode Sales Growth
- 4.4 APAC 4-Quadrant Photodiode Sales Growth
- 4.5 Europe 4-Quadrant Photodiode Sales Growth
- 4.6 Middle East & Africa 4-Quadrant Photodiode Sales Growth

5 AMERICAS

- 5.1 Americas 4-Quadrant Photodiode Sales by Country

- 5.1.1 Americas 4-Quadrant Photodiode Sales by Country (2021-2026)
- 5.1.2 Americas 4-Quadrant Photodiode Revenue by Country (2021-2026)
- 5.2 Americas 4-Quadrant Photodiode Sales by Type (2021-2026)
- 5.3 Americas 4-Quadrant Photodiode Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC 4-Quadrant Photodiode Sales by Region
 - 6.1.1 APAC 4-Quadrant Photodiode Sales by Region (2021-2026)
 - 6.1.2 APAC 4-Quadrant Photodiode Revenue by Region (2021-2026)
- 6.2 APAC 4-Quadrant Photodiode Sales by Type (2021-2026)
- 6.3 APAC 4-Quadrant Photodiode Sales by Application (2021-2026)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe 4-Quadrant Photodiode by Country
 - 7.1.1 Europe 4-Quadrant Photodiode Sales by Country (2021-2026)
 - 7.1.2 Europe 4-Quadrant Photodiode Revenue by Country (2021-2026)
- 7.2 Europe 4-Quadrant Photodiode Sales by Type (2021-2026)
- 7.3 Europe 4-Quadrant Photodiode Sales by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa 4-Quadrant Photodiode by Country

8.1.1 Middle East & Africa 4-Quadrant Photodiode Sales by Country (2021-2026)

8.1.2 Middle East & Africa 4-Quadrant Photodiode Revenue by Country (2021-2026)

8.2 Middle East & Africa 4-Quadrant Photodiode Sales by Type (2021-2026)

8.3 Middle East & Africa 4-Quadrant Photodiode Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of 4-Quadrant Photodiode

10.3 Manufacturing Process Analysis of 4-Quadrant Photodiode

10.4 Industry Chain Structure of 4-Quadrant Photodiode

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 4-Quadrant Photodiode Distributors

11.3 4-Quadrant Photodiode Customer

12 WORLD FORECAST REVIEW FOR 4-QUADRANT PHOTODIODE BY GEOGRAPHIC REGION

12.1 Global 4-Quadrant Photodiode Market Size Forecast by Region

12.1.1 Global 4-Quadrant Photodiode Forecast by Region (2027-2032)

12.1.2 Global 4-Quadrant Photodiode Annual Revenue Forecast by Region (2027-2032)

- 12.2 Americas Forecast by Country (2027-2032)
- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global 4-Quadrant Photodiode Forecast by Type (2027-2032)
- 12.7 Global 4-Quadrant Photodiode Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 First Sensor

- 13.1.1 First Sensor Company Information
- 13.1.2 First Sensor 4-Quadrant Photodiode Product Portfolios and Specifications
- 13.1.3 First Sensor 4-Quadrant Photodiode Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.1.4 First Sensor Main Business Overview
- 13.1.5 First Sensor Latest Developments

13.2 Hamamatsu

- 13.2.1 Hamamatsu Company Information
- 13.2.2 Hamamatsu 4-Quadrant Photodiode Product Portfolios and Specifications
- 13.2.3 Hamamatsu 4-Quadrant Photodiode Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.2.4 Hamamatsu Main Business Overview
- 13.2.5 Hamamatsu Latest Developments

13.3 OSI Optoelectronics

- 13.3.1 OSI Optoelectronics Company Information
- 13.3.2 OSI Optoelectronics 4-Quadrant Photodiode Product Portfolios and Specifications
- 13.3.3 OSI Optoelectronics 4-Quadrant Photodiode Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.3.4 OSI Optoelectronics Main Business Overview
- 13.3.5 OSI Optoelectronics Latest Developments

13.4 Excelitas

- 13.4.1 Excelitas Company Information
- 13.4.2 Excelitas 4-Quadrant Photodiode Product Portfolios and Specifications
- 13.4.3 Excelitas 4-Quadrant Photodiode Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.4.4 Excelitas Main Business Overview
- 13.4.5 Excelitas Latest Developments

13.5 GPD Optoelectronics

- 13.5.1 GPD Optoelectronics Company Information
- 13.5.2 GPD Optoelectronics 4-Quadrant Photodiode Product Portfolios and Specifications
- 13.5.3 GPD Optoelectronics 4-Quadrant Photodiode Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.5.4 GPD Optoelectronics Main Business Overview
- 13.5.5 GPD Optoelectronics Latest Developments
- 13.6 Marktech Optoelectronics
 - 13.6.1 Marktech Optoelectronics Company Information
 - 13.6.2 Marktech Optoelectronics 4-Quadrant Photodiode Product Portfolios and Specifications
 - 13.6.3 Marktech Optoelectronics 4-Quadrant Photodiode Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 Marktech Optoelectronics Main Business Overview
 - 13.6.5 Marktech Optoelectronics Latest Developments
- 13.7 Teledyne Judson Technologies (TJT)
 - 13.7.1 Teledyne Judson Technologies (TJT) Company Information
 - 13.7.2 Teledyne Judson Technologies (TJT) 4-Quadrant Photodiode Product Portfolios and Specifications
 - 13.7.3 Teledyne Judson Technologies (TJT) 4-Quadrant Photodiode Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 Teledyne Judson Technologies (TJT) Main Business Overview
 - 13.7.5 Teledyne Judson Technologies (TJT) Latest Developments
- 13.8 Prema Semiconductor
 - 13.8.1 Prema Semiconductor Company Information
 - 13.8.2 Prema Semiconductor 4-Quadrant Photodiode Product Portfolios and Specifications
 - 13.8.3 Prema Semiconductor 4-Quadrant Photodiode Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.8.4 Prema Semiconductor Main Business Overview
 - 13.8.5 Prema Semiconductor Latest Developments
- 13.9 LD-PD INC
 - 13.9.1 LD-PD INC Company Information
 - 13.9.2 LD-PD INC 4-Quadrant Photodiode Product Portfolios and Specifications
 - 13.9.3 LD-PD INC 4-Quadrant Photodiode Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.9.4 LD-PD INC Main Business Overview
 - 13.9.5 LD-PD INC Latest Developments
- 13.10 Albis Optoelectronics

- 13.10.1 Albis Optoelectronics Company Information
- 13.10.2 Albis Optoelectronics 4-Quadrant Photodiode Product Portfolios and Specifications
- 13.10.3 Albis Optoelectronics 4-Quadrant Photodiode Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.10.4 Albis Optoelectronics Main Business Overview
- 13.10.5 Albis Optoelectronics Latest Developments
- 13.11 Otron Sensor
 - 13.11.1 Otron Sensor Company Information
 - 13.11.2 Otron Sensor 4-Quadrant Photodiode Product Portfolios and Specifications
 - 13.11.3 Otron Sensor 4-Quadrant Photodiode Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.11.4 Otron Sensor Main Business Overview
 - 13.11.5 Otron Sensor Latest Developments
- 13.12 Shanghai NB Technology
 - 13.12.1 Shanghai NB Technology Company Information
 - 13.12.2 Shanghai NB Technology 4-Quadrant Photodiode Product Portfolios and Specifications
 - 13.12.3 Shanghai NB Technology 4-Quadrant Photodiode Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.12.4 Shanghai NB Technology Main Business Overview
 - 13.12.5 Shanghai NB Technology Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. 4-Quadrant Photodiode Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. 4-Quadrant Photodiode Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of PIN Type

Table 4. Major Players of APD Type

Table 5. Global 4-Quadrant Photodiode Sales by Type (2021-2026) & (K Units)

Table 6. Global 4-Quadrant Photodiode Sales Market Share by Type (2021-2026)

Table 7. Global 4-Quadrant Photodiode Revenue by Type (2021-2026) & (\$ million)

Table 8. Global 4-Quadrant Photodiode Revenue Market Share by Type (2021-2026)

Table 9. Global 4-Quadrant Photodiode Sale Price by Type (2021-2026) & (US\$/Unit)

Table 10. Global 4-Quadrant Photodiode Sale by Application (2021-2026) & (K Units)

Table 11. Global 4-Quadrant Photodiode Sale Market Share by Application (2021-2026)

Table 12. Global 4-Quadrant Photodiode Revenue by Application (2021-2026) & (\$ million)

Table 13. Global 4-Quadrant Photodiode Revenue Market Share by Application (2021-2026)

Table 14. Global 4-Quadrant Photodiode Sale Price by Application (2021-2026) & (US\$/Unit)

Table 15. Global 4-Quadrant Photodiode Sales by Company (2021-2026) & (K Units)

Table 16. Global 4-Quadrant Photodiode Sales Market Share by Company (2021-2026)

Table 17. Global 4-Quadrant Photodiode Revenue by Company (2021-2026) & (\$ millions)

Table 18. Global 4-Quadrant Photodiode Revenue Market Share by Company (2021-2026)

Table 19. Global 4-Quadrant Photodiode Sale Price by Company (2021-2026) & (US\$/Unit)

Table 20. Key Manufacturers 4-Quadrant Photodiode Producing Area Distribution and Sales Area

Table 21. Players 4-Quadrant Photodiode Products Offered

Table 22. 4-Quadrant Photodiode Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global 4-Quadrant Photodiode Sales by Geographic Region (2021-2026) & (K

Units)

Table 26. Global 4-Quadrant Photodiode Sales Market Share Geographic Region (2021-2026)

Table 27. Global 4-Quadrant Photodiode Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 28. Global 4-Quadrant Photodiode Revenue Market Share by Geographic Region (2021-2026)

Table 29. Global 4-Quadrant Photodiode Sales by Country/Region (2021-2026) & (K Units)

Table 30. Global 4-Quadrant Photodiode Sales Market Share by Country/Region (2021-2026)

Table 31. Global 4-Quadrant Photodiode Revenue by Country/Region (2021-2026) & (\$ millions)

Table 32. Global 4-Quadrant Photodiode Revenue Market Share by Country/Region (2021-2026)

Table 33. Americas 4-Quadrant Photodiode Sales by Country (2021-2026) & (K Units)

Table 34. Americas 4-Quadrant Photodiode Sales Market Share by Country (2021-2026)

Table 35. Americas 4-Quadrant Photodiode Revenue by Country (2021-2026) & (\$ millions)

Table 36. Americas 4-Quadrant Photodiode Sales by Type (2021-2026) & (K Units)

Table 37. Americas 4-Quadrant Photodiode Sales by Application (2021-2026) & (K Units)

Table 38. APAC 4-Quadrant Photodiode Sales by Region (2021-2026) & (K Units)

Table 39. APAC 4-Quadrant Photodiode Sales Market Share by Region (2021-2026)

Table 40. APAC 4-Quadrant Photodiode Revenue by Region (2021-2026) & (\$ millions)

Table 41. APAC 4-Quadrant Photodiode Sales by Type (2021-2026) & (K Units)

Table 42. APAC 4-Quadrant Photodiode Sales by Application (2021-2026) & (K Units)

Table 43. Europe 4-Quadrant Photodiode Sales by Country (2021-2026) & (K Units)

Table 44. Europe 4-Quadrant Photodiode Revenue by Country (2021-2026) & (\$ millions)

Table 45. Europe 4-Quadrant Photodiode Sales by Type (2021-2026) & (K Units)

Table 46. Europe 4-Quadrant Photodiode Sales by Application (2021-2026) & (K Units)

Table 47. Middle East & Africa 4-Quadrant Photodiode Sales by Country (2021-2026) & (K Units)

Table 48. Middle East & Africa 4-Quadrant Photodiode Revenue Market Share by Country (2021-2026)

Table 49. Middle East & Africa 4-Quadrant Photodiode Sales by Type (2021-2026) & (K Units)

Table 50. Middle East & Africa 4-Quadrant Photodiode Sales by Application (2021-2026) & (K Units)
Table 51. Key Market Drivers & Growth Opportunities of 4-Quadrant Photodiode
Table 52. Key Market Challenges & Risks of 4-Quadrant Photodiode
Table 53. Key Industry Trends of 4-Quadrant Photodiode
Table 54. 4-Quadrant Photodiode Raw Material
Table 55. Key Suppliers of Raw Materials
Table 56. 4-Quadrant Photodiode Distributors List
Table 57. 4-Quadrant Photodiode Customer List
Table 58. Global 4-Quadrant Photodiode Sales Forecast by Region (2027-2032) & (K Units)
Table 59. Global 4-Quadrant Photodiode Revenue Forecast by Region (2027-2032) & (\$ millions)
Table 60. Americas 4-Quadrant Photodiode Sales Forecast by Country (2027-2032) & (K Units)
Table 61. Americas 4-Quadrant Photodiode Annual Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 62. APAC 4-Quadrant Photodiode Sales Forecast by Region (2027-2032) & (K Units)
Table 63. APAC 4-Quadrant Photodiode Annual Revenue Forecast by Region (2027-2032) & (\$ millions)
Table 64. Europe 4-Quadrant Photodiode Sales Forecast by Country (2027-2032) & (K Units)
Table 65. Europe 4-Quadrant Photodiode Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 66. Middle East & Africa 4-Quadrant Photodiode Sales Forecast by Country (2027-2032) & (K Units)
Table 67. Middle East & Africa 4-Quadrant Photodiode Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 68. Global 4-Quadrant Photodiode Sales Forecast by Type (2027-2032) & (K Units)
Table 69. Global 4-Quadrant Photodiode Revenue Forecast by Type (2027-2032) & (\$ millions)
Table 70. Global 4-Quadrant Photodiode Sales Forecast by Application (2027-2032) & (K Units)
Table 71. Global 4-Quadrant Photodiode Revenue Forecast by Application (2027-2032) & (\$ millions)
Table 72. First Sensor Basic Information, 4-Quadrant Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 73. First Sensor 4-Quadrant Photodiode Product Portfolios and Specifications

Table 74. First Sensor 4-Quadrant Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 75. First Sensor Main Business

Table 76. First Sensor Latest Developments

Table 77. Hamamatsu Basic Information, 4-Quadrant Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 78. Hamamatsu 4-Quadrant Photodiode Product Portfolios and Specifications

Table 79. Hamamatsu 4-Quadrant Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 80. Hamamatsu Main Business

Table 81. Hamamatsu Latest Developments

Table 82. OSI Optoelectronics Basic Information, 4-Quadrant Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 83. OSI Optoelectronics 4-Quadrant Photodiode Product Portfolios and Specifications

Table 84. OSI Optoelectronics 4-Quadrant Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 85. OSI Optoelectronics Main Business

Table 86. OSI Optoelectronics Latest Developments

Table 87. Excelitas Basic Information, 4-Quadrant Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 88. Excelitas 4-Quadrant Photodiode Product Portfolios and Specifications

Table 89. Excelitas 4-Quadrant Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 90. Excelitas Main Business

Table 91. Excelitas Latest Developments

Table 92. GPD Optoelectronics Basic Information, 4-Quadrant Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 93. GPD Optoelectronics 4-Quadrant Photodiode Product Portfolios and Specifications

Table 94. GPD Optoelectronics 4-Quadrant Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 95. GPD Optoelectronics Main Business

Table 96. GPD Optoelectronics Latest Developments

Table 97. Marktech Optoelectronics Basic Information, 4-Quadrant Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 98. Marktech Optoelectronics 4-Quadrant Photodiode Product Portfolios and Specifications

Table 99. Marktech Optoelectronics 4-Quadrant Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 100. Marktech Optoelectronics Main Business

Table 101. Marktech Optoelectronics Latest Developments

Table 102. Teledyne Judson Technologies (TJT) Basic Information, 4-Quadrant Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 103. Teledyne Judson Technologies (TJT) 4-Quadrant Photodiode Product Portfolios and Specifications

Table 104. Teledyne Judson Technologies (TJT) 4-Quadrant Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 105. Teledyne Judson Technologies (TJT) Main Business

Table 106. Teledyne Judson Technologies (TJT) Latest Developments

Table 107. Prema Semiconductor Basic Information, 4-Quadrant Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 108. Prema Semiconductor 4-Quadrant Photodiode Product Portfolios and Specifications

Table 109. Prema Semiconductor 4-Quadrant Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 110. Prema Semiconductor Main Business

Table 111. Prema Semiconductor Latest Developments

Table 112. LD-PD INC Basic Information, 4-Quadrant Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 113. LD-PD INC 4-Quadrant Photodiode Product Portfolios and Specifications

Table 114. LD-PD INC 4-Quadrant Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 115. LD-PD INC Main Business

Table 116. LD-PD INC Latest Developments

Table 117. Albis Optoelectronics Basic Information, 4-Quadrant Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 118. Albis Optoelectronics 4-Quadrant Photodiode Product Portfolios and Specifications

Table 119. Albis Optoelectronics 4-Quadrant Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 120. Albis Optoelectronics Main Business

Table 121. Albis Optoelectronics Latest Developments

Table 122. Otron Sensor Basic Information, 4-Quadrant Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 123. Otron Sensor 4-Quadrant Photodiode Product Portfolios and Specifications

Table 124. Otron Sensor 4-Quadrant Photodiode Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2021-2026)

Table 125. Otron Sensor Main Business

Table 126. Otron Sensor Latest Developments

Table 127. Shanghai NB Technology Basic Information, 4-Quadrant Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 128. Shanghai NB Technology 4-Quadrant Photodiode Product Portfolios and Specifications

Table 129. Shanghai NB Technology 4-Quadrant Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 130. Shanghai NB Technology Main Business

Table 131. Shanghai NB Technology Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of 4-Quadrant Photodiode
- Figure 2. 4-Quadrant Photodiode Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global 4-Quadrant Photodiode Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global 4-Quadrant Photodiode Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. 4-Quadrant Photodiode Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. 4-Quadrant Photodiode Sales Market Share by Country/Region (2025)
- Figure 10. 4-Quadrant Photodiode Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of PIN Type
- Figure 12. Product Picture of APD Type
- Figure 13. Global 4-Quadrant Photodiode Sales Market Share by Type in 2026
- Figure 14. Global 4-Quadrant Photodiode Revenue Market Share by Type (2021-2026)
- Figure 15. 4-Quadrant Photodiode Consumed in Analytical Instruments
- Figure 16. Global 4-Quadrant Photodiode Market: Analytical Instruments (2021-2026) & (K Units)
- Figure 17. 4-Quadrant Photodiode Consumed in Communications
- Figure 18. Global 4-Quadrant Photodiode Market: Communications (2021-2026) & (K Units)
- Figure 19. 4-Quadrant Photodiode Consumed in Measurement Equipment
- Figure 20. Global 4-Quadrant Photodiode Market: Measurement Equipment (2021-2026) & (K Units)
- Figure 21. 4-Quadrant Photodiode Consumed in Others
- Figure 22. Global 4-Quadrant Photodiode Market: Others (2021-2026) & (K Units)
- Figure 23. Global 4-Quadrant Photodiode Sale Market Share by Application (2025)
- Figure 24. Global 4-Quadrant Photodiode Revenue Market Share by Application in 2026
- Figure 25. 4-Quadrant Photodiode Sales by Company in 2026 (K Units)
- Figure 26. Global 4-Quadrant Photodiode Sales Market Share by Company in 2026
- Figure 27. 4-Quadrant Photodiode Revenue by Company in 2026 (\$ millions)
- Figure 28. Global 4-Quadrant Photodiode Revenue Market Share by Company in 2026
- Figure 29. Global 4-Quadrant Photodiode Sales Market Share by Geographic Region (2021-2026)

Figure 30. Global 4-Quadrant Photodiode Revenue Market Share by Geographic Region in 2026

Figure 31. Americas 4-Quadrant Photodiode Sales 2021-2026 (K Units)

Figure 32. Americas 4-Quadrant Photodiode Revenue 2021-2026 (\$ millions)

Figure 33. APAC 4-Quadrant Photodiode Sales 2021-2026 (K Units)

Figure 34. APAC 4-Quadrant Photodiode Revenue 2021-2026 (\$ millions)

Figure 35. Europe 4-Quadrant Photodiode Sales 2021-2026 (K Units)

Figure 36. Europe 4-Quadrant Photodiode Revenue 2021-2026 (\$ millions)

Figure 37. Middle East & Africa 4-Quadrant Photodiode Sales 2021-2026 (K Units)

Figure 38. Middle East & Africa 4-Quadrant Photodiode Revenue 2021-2026 (\$ millions)

Figure 39. Americas 4-Quadrant Photodiode Sales Market Share by Country in 2026

Figure 40. Americas 4-Quadrant Photodiode Revenue Market Share by Country (2021-2026)

Figure 41. Americas 4-Quadrant Photodiode Sales Market Share by Type (2021-2026)

Figure 42. Americas 4-Quadrant Photodiode Sales Market Share by Application (2021-2026)

Figure 43. United States 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 44. Canada 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 45. Mexico 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 46. Brazil 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 47. APAC 4-Quadrant Photodiode Sales Market Share by Region in 2026

Figure 48. APAC 4-Quadrant Photodiode Revenue Market Share by Region (2021-2026)

Figure 49. APAC 4-Quadrant Photodiode Sales Market Share by Type (2021-2026)

Figure 50. APAC 4-Quadrant Photodiode Sales Market Share by Application (2021-2026)

Figure 51. China 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 52. Japan 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 53. South Korea 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 54. Southeast Asia 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 55. India 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 56. Australia 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 57. China Taiwan 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 58. Europe 4-Quadrant Photodiode Sales Market Share by Country in 2026

Figure 59. Europe 4-Quadrant Photodiode Revenue Market Share by Country (2021-2026)

Figure 60. Europe 4-Quadrant Photodiode Sales Market Share by Type (2021-2026)

Figure 61. Europe 4-Quadrant Photodiode Sales Market Share by Application (2021-2026)

Figure 62. Germany 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 63. France 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 64. UK 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 65. Italy 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 66. Russia 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 67. Middle East & Africa 4-Quadrant Photodiode Sales Market Share by Country (2021-2026)

Figure 68. Middle East & Africa 4-Quadrant Photodiode Sales Market Share by Type (2021-2026)

Figure 69. Middle East & Africa 4-Quadrant Photodiode Sales Market Share by Application (2021-2026)

Figure 70. Egypt 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 71. South Africa 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 72. Israel 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 73. Turkey 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 74. GCC Countries 4-Quadrant Photodiode Revenue Growth 2021-2026 (\$ millions)

Figure 75. Manufacturing Cost Structure Analysis of 4-Quadrant Photodiode in 2026

Figure 76. Manufacturing Process Analysis of 4-Quadrant Photodiode

Figure 77. Industry Chain Structure of 4-Quadrant Photodiode

Figure 78. Channels of Distribution

Figure 79. Global 4-Quadrant Photodiode Sales Market Forecast by Region (2027-2032)

Figure 80. Global 4-Quadrant Photodiode Revenue Market Share Forecast by Region (2027-2032)

Figure 81. Global 4-Quadrant Photodiode Sales Market Share Forecast by Type (2027-2032)

Figure 82. Global 4-Quadrant Photodiode Revenue Market Share Forecast by Type (2027-2032)

Figure 83. Global 4-Quadrant Photodiode Sales Market Share Forecast by Application (2027-2032)

Figure 84. Global 4-Quadrant Photodiode Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global 4-Quadrant Photodiode Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G8CD8915F248EN.html>

Price: US\$ 3,660.00 (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/G8CD8915F248EN.html>