

# Global Single Photon Avalanche Photodiode Market Growth 2024-2030

<https://marketpublishers.com/r/GFCF023E5F17EN.html>

Date: January 2024

Pages: 90

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

ID: GFCF023E5F17EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to our LPI (LP Information) latest study, the global Single Photon Avalanche Photodiode market size was valued at US\$ 374.7 million in 2023. With growing demand in downstream market, the Single Photon Avalanche Photodiode is forecast to a readjusted size of US\$ 1327.2 million by 2030 with a CAGR of 19.8% during review period.

The research report highlights the growth potential of the global Single Photon Avalanche Photodiode market. Single Photon Avalanche Photodiode are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Single Photon Avalanche Photodiode. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Single Photon Avalanche Photodiode market.

Global key players of single photon avalanche photodiode include Hamamatsu, STMicroelectronics, ON Semiconductor, Laser Components, Micro Photon Devices, etc. The top three players hold a share over 61%. Japan is the largest producer of Single Photon Avalanche Photodiode, holds a share over 43 percent. In terms of product type, 300nm~1100nm is the largest segment, occupied for a share of 77%, and in terms of application, LIDAR (3D Ranging and Sensing) has a share about 33 percent.

Key Features:

The report on Single Photon Avalanche Photodiode market reflects various aspects and provide valuable insights into the industry.

**Market Size and Growth:** The research report provide an overview of the current size and growth of the Single Photon Avalanche Photodiode market. It may include historical data, market segmentation by Type (e.g., 300nm~1100nm, 1100nm~1600nm), and regional breakdowns.

**Market Drivers and Challenges:** The report can identify and analyse the factors driving the growth of the Single Photon Avalanche Photodiode market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

**Competitive Landscape:** The research report provides analysis of the competitive landscape within the Single Photon Avalanche Photodiode market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

**Technological Developments:** The research report can delve into the latest technological developments in the Single Photon Avalanche Photodiode industry. This include advancements in Single Photon Avalanche Photodiode technology, Single Photon Avalanche Photodiode new entrants, Single Photon Avalanche Photodiode new investment, and other innovations that are shaping the future of Single Photon Avalanche Photodiode.

**Downstream Procumbent Preference:** The report can shed light on customer procumbent behaviour and adoption trends in the Single Photon Avalanche Photodiode market. It includes factors influencing customer ' purchasing decisions, preferences for Single Photon Avalanche Photodiode product.

**Government Policies and Incentives:** The research report analyse the impact of government policies and incentives on the Single Photon Avalanche Photodiode market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Single Photon Avalanche Photodiode market. The report also evaluates the effectiveness of these policies in driving market growth.

**Environmental Impact and Sustainability:** The research report assess the environmental

impact and sustainability aspects of the Single Photon Avalanche Photodiode market.

**Market Forecasts and Future Outlook:** Based on the analysis conducted, the research report provide market forecasts and outlook for the Single Photon Avalanche Photodiode industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

**Recommendations and Opportunities:** The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Single Photon Avalanche Photodiode market.

**Market Segmentation:**

Single Photon Avalanche Photodiode market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

**Segmentation by type**

300nm~1100nm

1100nm~1600nm

1600nm~1700nm

**Segmentation by application**

LIDAR (3D Ranging and Sensing)

Medical Imaging

Fluorescence Lifetime and Photocorrelation and Ultrasensitive Spectroscopy

Other Single Photon Detection

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 analyzing the company's coverage, product portfolio, its market penetration.

Hamamatsu

STMicroelectronics

ON Semiconductor

Laser Components

Micro Photon Devices

Sony Semiconductor

Canon

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Single Photon Avalanche Photodiode market?

What factors are driving Single Photon Avalanche Photodiode market growth, globally and by region?

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

How do Single Photon Avalanche Photodiode market opportunities vary by end market size?

How does Single Photon Avalanche Photodiode break out type, 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 Single Photon Avalanche Photodiode Annual Sales 2019-2030
  - 2.1.2 World Current & Future Analysis for Single Photon Avalanche Photodiode by Geographic Region, 2019, 2023 & 2030
  - 2.1.3 World Current & Future Analysis for Single Photon Avalanche Photodiode by Country/Region, 2019, 2023 & 2030
- 2.2 Single Photon Avalanche Photodiode Segment by Type
  - 2.2.1 300nm~1100nm
  - 2.2.2 1100nm~1600nm
  - 2.2.3 1600nm~1700nm
- 2.3 Single Photon Avalanche Photodiode Sales by Type
  - 2.3.1 Global Single Photon Avalanche Photodiode Sales Market Share by Type (2019-2024)
  - 2.3.2 Global Single Photon Avalanche Photodiode Revenue and Market Share by Type (2019-2024)
  - 2.3.3 Global Single Photon Avalanche Photodiode Sale Price by Type (2019-2024)
- 2.4 Single Photon Avalanche Photodiode Segment by Application
  - 2.4.1 LIDAR (3D Ranging and Sensing)
  - 2.4.2 Medical Imaging
  - 2.4.3 Fluorescence Lifetime and Photocorrelation and Ultrasensitive Spectroscopy
  - 2.4.4 Other Single Photon Detection
- 2.5 Single Photon Avalanche Photodiode Sales by Application
  - 2.5.1 Global Single Photon Avalanche Photodiode Sale Market Share by Application (2019-2024)

2.5.2 Global Single Photon Avalanche Photodiode Revenue and Market Share by Application (2019-2024)

2.5.3 Global Single Photon Avalanche Photodiode Sale Price by Application (2019-2024)

### **3 GLOBAL SINGLE PHOTON AVALANCHE PHOTODIODE BY COMPANY**

3.1 Global Single Photon Avalanche Photodiode Breakdown Data by Company

3.1.1 Global Single Photon Avalanche Photodiode Annual Sales by Company (2019-2024)

3.1.2 Global Single Photon Avalanche Photodiode Sales Market Share by Company (2019-2024)

3.2 Global Single Photon Avalanche Photodiode Annual Revenue by Company (2019-2024)

3.2.1 Global Single Photon Avalanche Photodiode Revenue by Company (2019-2024)

3.2.2 Global Single Photon Avalanche Photodiode Revenue Market Share by Company (2019-2024)

3.3 Global Single Photon Avalanche Photodiode Sale Price by Company

3.4 Key Manufacturers Single Photon Avalanche Photodiode Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Single Photon Avalanche Photodiode Product Location Distribution

3.4.2 Players Single Photon Avalanche Photodiode Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

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

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR SINGLE PHOTON AVALANCHE PHOTODIODE BY GEOGRAPHIC REGION**

4.1 World Historic Single Photon Avalanche Photodiode Market Size by Geographic Region (2019-2024)

4.1.1 Global Single Photon Avalanche Photodiode Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Single Photon Avalanche Photodiode Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Single Photon Avalanche Photodiode Market Size by Country/Region



(2019-2024)

4.2.1 Global Single Photon Avalanche Photodiode Annual Sales by Country/Region

(2019-2024)

4.2.2 Global Single Photon Avalanche Photodiode Annual Revenue by Country/Region

(2019-2024)

4.3 Americas Single Photon Avalanche Photodiode Sales Growth

4.4 APAC Single Photon Avalanche Photodiode Sales Growth

4.5 Europe Single Photon Avalanche Photodiode Sales Growth

4.6 Middle East & Africa Single Photon Avalanche Photodiode Sales Growth

## **5 AMERICAS**

5.1 Americas Single Photon Avalanche Photodiode Sales by Country

5.1.1 Americas Single Photon Avalanche Photodiode Sales by Country (2019-2024)

5.1.2 Americas Single Photon Avalanche Photodiode Revenue by Country

(2019-2024)

5.2 Americas Single Photon Avalanche Photodiode Sales by Type

5.3 Americas Single Photon Avalanche Photodiode Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Single Photon Avalanche Photodiode Sales by Region

6.1.1 APAC Single Photon Avalanche Photodiode Sales by Region (2019-2024)

6.1.2 APAC Single Photon Avalanche Photodiode Revenue by Region (2019-2024)

6.2 APAC Single Photon Avalanche Photodiode Sales by Type

6.3 APAC Single Photon Avalanche Photodiode Sales by Application

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 Single Photon Avalanche Photodiode by Country

7.1.1 Europe Single Photon Avalanche Photodiode Sales by Country (2019-2024)

7.1.2 Europe Single Photon Avalanche Photodiode Revenue by Country (2019-2024)

## 7.2 Europe Single Photon Avalanche Photodiode Sales by Type

## 7.3 Europe Single Photon Avalanche Photodiode Sales by Application

## 7.4 Germany

## 7.5 France

## 7.6 UK

## 7.7 Italy

## 7.8 Russia

# 8 MIDDLE EAST & AFRICA

## 8.1 Middle East & Africa Single Photon Avalanche Photodiode by Country

8.1.1 Middle East & Africa Single Photon Avalanche Photodiode Sales by Country (2019-2024)

8.1.2 Middle East & Africa Single Photon Avalanche Photodiode Revenue by Country (2019-2024)

## 8.2 Middle East & Africa Single Photon Avalanche Photodiode Sales by Type

## 8.3 Middle East & Africa Single Photon Avalanche Photodiode Sales by Application

## 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 Single Photon Avalanche Photodiode

## 10.3 Manufacturing Process Analysis of Single Photon Avalanche Photodiode

## 10.4 Industry Chain Structure of Single Photon Avalanche Photodiode

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

### 11.1 Sales Channel

#### 11.1.1 Direct Channels

#### 11.1.2 Indirect Channels

### 11.2 Single Photon Avalanche Photodiode Distributors

### 11.3 Single Photon Avalanche Photodiode Customer

## **12 WORLD FORECAST REVIEW FOR SINGLE PHOTON AVALANCHE PHOTODIODE BY GEOGRAPHIC REGION**

### 12.1 Global Single Photon Avalanche Photodiode Market Size Forecast by Region

#### 12.1.1 Global Single Photon Avalanche Photodiode Forecast by Region (2025-2030)

#### 12.1.2 Global Single Photon Avalanche Photodiode Annual Revenue Forecast by Region (2025-2030)

### 12.2 Americas Forecast by Country

### 12.3 APAC Forecast by Region

### 12.4 Europe Forecast by Country

### 12.5 Middle East & Africa Forecast by Country

### 12.6 Global Single Photon Avalanche Photodiode Forecast by Type

### 12.7 Global Single Photon Avalanche Photodiode Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

### 13.1 Hamamatsu

#### 13.1.1 Hamamatsu Company Information

#### 13.1.2 Hamamatsu Single Photon Avalanche Photodiode Product Portfolios and Specifications

#### 13.1.3 Hamamatsu Single Photon Avalanche Photodiode Sales, Revenue, Price and Gross Margin (2019-2024)

#### 13.1.4 Hamamatsu Main Business Overview

#### 13.1.5 Hamamatsu Latest Developments

### 13.2 STMicroelectronics

#### 13.2.1 STMicroelectronics Company Information

#### 13.2.2 STMicroelectronics Single Photon Avalanche Photodiode Product Portfolios and Specifications

#### 13.2.3 STMicroelectronics Single Photon Avalanche Photodiode Sales, Revenue, Price and Gross Margin (2019-2024)

- 13.2.4 STMicroelectronics Main Business Overview
- 13.2.5 STMicroelectronics Latest Developments
- 13.3 ON Semiconductor
  - 13.3.1 ON Semiconductor Company Information
  - 13.3.2 ON Semiconductor Single Photon Avalanche Photodiode Product Portfolios and Specifications
  - 13.3.3 ON Semiconductor Single Photon Avalanche Photodiode Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.3.4 ON Semiconductor Main Business Overview
  - 13.3.5 ON Semiconductor Latest Developments
- 13.4 Laser Components
  - 13.4.1 Laser Components Company Information
  - 13.4.2 Laser Components Single Photon Avalanche Photodiode Product Portfolios and Specifications
  - 13.4.3 Laser Components Single Photon Avalanche Photodiode Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.4.4 Laser Components Main Business Overview
  - 13.4.5 Laser Components Latest Developments
- 13.5 Micro Photon Devices
  - 13.5.1 Micro Photon Devices Company Information
  - 13.5.2 Micro Photon Devices Single Photon Avalanche Photodiode Product Portfolios and Specifications
  - 13.5.3 Micro Photon Devices Single Photon Avalanche Photodiode Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.5.4 Micro Photon Devices Main Business Overview
  - 13.5.5 Micro Photon Devices Latest Developments
- 13.6 Sony Semiconductor
  - 13.6.1 Sony Semiconductor Company Information
  - 13.6.2 Sony Semiconductor Single Photon Avalanche Photodiode Product Portfolios and Specifications
  - 13.6.3 Sony Semiconductor Single Photon Avalanche Photodiode Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.6.4 Sony Semiconductor Main Business Overview
  - 13.6.5 Sony Semiconductor Latest Developments
- 13.7 Canon
  - 13.7.1 Canon Company Information
  - 13.7.2 Canon Single Photon Avalanche Photodiode Product Portfolios and Specifications
  - 13.7.3 Canon Single Photon Avalanche Photodiode Sales, Revenue, Price and Gross

Margin (2019-2024)

13.7.4 Canon Main Business Overview

13.7.5 Canon Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Single Photon Avalanche Photodiode Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Single Photon Avalanche Photodiode Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of 300nm~1100nm

Table 4. Major Players of 1100nm~1600nm

Table 5. Major Players of 1600nm~1700nm

Table 6. Global Single Photon Avalanche Photodiode Sales by Type (2019-2024) & (K Units)

Table 7. Global Single Photon Avalanche Photodiode Sales Market Share by Type (2019-2024)

Table 8. Global Single Photon Avalanche Photodiode Revenue by Type (2019-2024) & (\$ million)

Table 9. Global Single Photon Avalanche Photodiode Revenue Market Share by Type (2019-2024)

Table 10. Global Single Photon Avalanche Photodiode Sale Price by Type (2019-2024) & (US\$/K Unit)

Table 11. Global Single Photon Avalanche Photodiode Sales by Application (2019-2024) & (K Units)

Table 12. Global Single Photon Avalanche Photodiode Sales Market Share by Application (2019-2024)

Table 13. Global Single Photon Avalanche Photodiode Revenue by Application (2019-2024)

Table 14. Global Single Photon Avalanche Photodiode Revenue Market Share by Application (2019-2024)

Table 15. Global Single Photon Avalanche Photodiode Sale Price by Application (2019-2024) & (US\$/K Unit)

Table 16. Global Single Photon Avalanche Photodiode Sales by Company (2019-2024) & (K Units)

Table 17. Global Single Photon Avalanche Photodiode Sales Market Share by Company (2019-2024)

Table 18. Global Single Photon Avalanche Photodiode Revenue by Company (2019-2024) (\$ Millions)

Table 19. Global Single Photon Avalanche Photodiode Revenue Market Share by Company (2019-2024)

Table 20. Global Single Photon Avalanche Photodiode Sale Price by Company (2019-2024) & (US\$/K Unit)

Table 21. Key Manufacturers Single Photon Avalanche Photodiode Producing Area Distribution and Sales Area

Table 22. Players Single Photon Avalanche Photodiode Products Offered

Table 23. Single Photon Avalanche Photodiode Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 24. New Products and Potential Entrants

Table 25. Mergers & Acquisitions, Expansion

Table 26. Global Single Photon Avalanche Photodiode Sales by Geographic Region (2019-2024) & (K Units)

Table 27. Global Single Photon Avalanche Photodiode Sales Market Share Geographic Region (2019-2024)

Table 28. Global Single Photon Avalanche Photodiode Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 29. Global Single Photon Avalanche Photodiode Revenue Market Share by Geographic Region (2019-2024)

Table 30. Global Single Photon Avalanche Photodiode Sales by Country/Region (2019-2024) & (K Units)

Table 31. Global Single Photon Avalanche Photodiode Sales Market Share by Country/Region (2019-2024)

Table 32. Global Single Photon Avalanche Photodiode Revenue by Country/Region (2019-2024) & (\$ millions)

Table 33. Global Single Photon Avalanche Photodiode Revenue Market Share by Country/Region (2019-2024)

Table 34. Americas Single Photon Avalanche Photodiode Sales by Country (2019-2024) & (K Units)

Table 35. Americas Single Photon Avalanche Photodiode Sales Market Share by Country (2019-2024)

Table 36. Americas Single Photon Avalanche Photodiode Revenue by Country (2019-2024) & (\$ Millions)

Table 37. Americas Single Photon Avalanche Photodiode Revenue Market Share by Country (2019-2024)

Table 38. Americas Single Photon Avalanche Photodiode Sales by Type (2019-2024) & (K Units)

Table 39. Americas Single Photon Avalanche Photodiode Sales by Application (2019-2024) & (K Units)

Table 40. APAC Single Photon Avalanche Photodiode Sales by Region (2019-2024) & (K Units)

Table 41. APAC Single Photon Avalanche Photodiode Sales Market Share by Region (2019-2024)

Table 42. APAC Single Photon Avalanche Photodiode Revenue by Region (2019-2024) & (\$ Millions)

Table 43. APAC Single Photon Avalanche Photodiode Revenue Market Share by Region (2019-2024)

Table 44. APAC Single Photon Avalanche Photodiode Sales by Type (2019-2024) & (K Units)

Table 45. APAC Single Photon Avalanche Photodiode Sales by Application (2019-2024) & (K Units)

Table 46. Europe Single Photon Avalanche Photodiode Sales by Country (2019-2024) & (K Units)

Table 47. Europe Single Photon Avalanche Photodiode Sales Market Share by Country (2019-2024)

Table 48. Europe Single Photon Avalanche Photodiode Revenue by Country (2019-2024) & (\$ Millions)

Table 49. Europe Single Photon Avalanche Photodiode Revenue Market Share by Country (2019-2024)

Table 50. Europe Single Photon Avalanche Photodiode Sales by Type (2019-2024) & (K Units)

Table 51. Europe Single Photon Avalanche Photodiode Sales by Application (2019-2024) & (K Units)

Table 52. Middle East & Africa Single Photon Avalanche Photodiode Sales by Country (2019-2024) & (K Units)

Table 53. Middle East & Africa Single Photon Avalanche Photodiode Sales Market Share by Country (2019-2024)

Table 54. Middle East & Africa Single Photon Avalanche Photodiode Revenue by Country (2019-2024) & (\$ Millions)

Table 55. Middle East & Africa Single Photon Avalanche Photodiode Revenue Market Share by Country (2019-2024)

Table 56. Middle East & Africa Single Photon Avalanche Photodiode Sales by Type (2019-2024) & (K Units)

Table 57. Middle East & Africa Single Photon Avalanche Photodiode Sales by Application (2019-2024) & (K Units)

Table 58. Key Market Drivers & Growth Opportunities of Single Photon Avalanche Photodiode

Table 59. Key Market Challenges & Risks of Single Photon Avalanche Photodiode

Table 60. Key Industry Trends of Single Photon Avalanche Photodiode

Table 61. Single Photon Avalanche Photodiode Raw Material



- Table 62. Key Suppliers of Raw Materials
- Table 63. Single Photon Avalanche Photodiode Distributors List
- Table 64. Single Photon Avalanche Photodiode Customer List
- Table 65. Global Single Photon Avalanche Photodiode Sales Forecast by Region (2025-2030) & (K Units)
- Table 66. Global Single Photon Avalanche Photodiode Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 67. Americas Single Photon Avalanche Photodiode Sales Forecast by Country (2025-2030) & (K Units)
- Table 68. Americas Single Photon Avalanche Photodiode Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 69. APAC Single Photon Avalanche Photodiode Sales Forecast by Region (2025-2030) & (K Units)
- Table 70. APAC Single Photon Avalanche Photodiode Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 71. Europe Single Photon Avalanche Photodiode Sales Forecast by Country (2025-2030) & (K Units)
- Table 72. Europe Single Photon Avalanche Photodiode Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 73. Middle East & Africa Single Photon Avalanche Photodiode Sales Forecast by Country (2025-2030) & (K Units)
- Table 74. Middle East & Africa Single Photon Avalanche Photodiode Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 75. Global Single Photon Avalanche Photodiode Sales Forecast by Type (2025-2030) & (K Units)
- Table 76. Global Single Photon Avalanche Photodiode Revenue Forecast by Type (2025-2030) & (\$ Millions)
- Table 77. Global Single Photon Avalanche Photodiode Sales Forecast by Application (2025-2030) & (K Units)
- Table 78. Global Single Photon Avalanche Photodiode Revenue Forecast by Application (2025-2030) & (\$ Millions)
- Table 79. Hamamatsu Basic Information, Single Photon Avalanche Photodiode Manufacturing Base, Sales Area and Its Competitors
- Table 80. Hamamatsu Single Photon Avalanche Photodiode Product Portfolios and Specifications
- Table 81. Hamamatsu Single Photon Avalanche Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)
- Table 82. Hamamatsu Main Business
- Table 83. Hamamatsu Latest Developments

Table 84. STMicroelectronics Basic Information, Single Photon Avalanche Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 85. STMicroelectronics Single Photon Avalanche Photodiode Product Portfolios and Specifications

Table 86. STMicroelectronics Single Photon Avalanche Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)

Table 87. STMicroelectronics Main Business

Table 88. STMicroelectronics Latest Developments

Table 89. ON Semiconductor Basic Information, Single Photon Avalanche Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 90. ON Semiconductor Single Photon Avalanche Photodiode Product Portfolios and Specifications

Table 91. ON Semiconductor Single Photon Avalanche Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)

Table 92. ON Semiconductor Main Business

Table 93. ON Semiconductor Latest Developments

Table 94. Laser Components Basic Information, Single Photon Avalanche Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 95. Laser Components Single Photon Avalanche Photodiode Product Portfolios and Specifications

Table 96. Laser Components Single Photon Avalanche Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)

Table 97. Laser Components Main Business

Table 98. Laser Components Latest Developments

Table 99. Micro Photon Devices Basic Information, Single Photon Avalanche Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 100. Micro Photon Devices Single Photon Avalanche Photodiode Product Portfolios and Specifications

Table 101. Micro Photon Devices Single Photon Avalanche Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)

Table 102. Micro Photon Devices Main Business

Table 103. Micro Photon Devices Latest Developments

Table 104. Sony Semiconductor Basic Information, Single Photon Avalanche Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 105. Sony Semiconductor Single Photon Avalanche Photodiode Product Portfolios and Specifications

Table 106. Sony Semiconductor Single Photon Avalanche Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)

Table 107. Sony Semiconductor Main Business

Table 108. Sony Semiconductor Latest Developments

Table 109. Canon Basic Information, Single Photon Avalanche Photodiode Manufacturing Base, Sales Area and Its Competitors

Table 110. Canon Single Photon Avalanche Photodiode Product Portfolios and Specifications

Table 111. Canon Single Photon Avalanche Photodiode Sales (K Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)

Table 112. Canon Main Business

Table 113. Canon Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Single Photon Avalanche Photodiode
- Figure 2. Single Photon Avalanche Photodiode Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Single Photon Avalanche Photodiode Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global Single Photon Avalanche Photodiode Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Single Photon Avalanche Photodiode Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of 300nm~1100nm
- Figure 10. Product Picture of 1100nm~1600nm
- Figure 11. Product Picture of 1600nm~1700nm
- Figure 12. Global Single Photon Avalanche Photodiode Sales Market Share by Type in 2023
- Figure 13. Global Single Photon Avalanche Photodiode Revenue Market Share by Type (2019-2024)
- Figure 14. Single Photon Avalanche Photodiode Consumed in LIDAR (3D Ranging and Sensing)
- Figure 15. Global Single Photon Avalanche Photodiode Market: LIDAR (3D Ranging and Sensing) (2019-2024) & (K Units)
- Figure 16. Single Photon Avalanche Photodiode Consumed in Medical Imaging
- Figure 17. Global Single Photon Avalanche Photodiode Market: Medical Imaging (2019-2024) & (K Units)
- Figure 18. Single Photon Avalanche Photodiode Consumed in Fluorescence Lifetime and Photocorrelation and Ultrasensitive Spectroscopy
- Figure 19. Global Single Photon Avalanche Photodiode Market: Fluorescence Lifetime and Photocorrelation and Ultrasensitive Spectroscopy (2019-2024) & (K Units)
- Figure 20. Single Photon Avalanche Photodiode Consumed in Other Single Photon Detection
- Figure 21. Global Single Photon Avalanche Photodiode Market: Other Single Photon Detection (2019-2024) & (K Units)
- Figure 22. Global Single Photon Avalanche Photodiode Sales Market Share by Application (2023)

Figure 23. Global Single Photon Avalanche Photodiode Revenue Market Share by Application in 2023

Figure 24. Single Photon Avalanche Photodiode Sales Market by Company in 2023 (K Units)

Figure 25. Global Single Photon Avalanche Photodiode Sales Market Share by Company in 2023

Figure 26. Single Photon Avalanche Photodiode Revenue Market by Company in 2023 (\$ Million)

Figure 27. Global Single Photon Avalanche Photodiode Revenue Market Share by Company in 2023

Figure 28. Global Single Photon Avalanche Photodiode Sales Market Share by Geographic Region (2019-2024)

Figure 29. Global Single Photon Avalanche Photodiode Revenue Market Share by Geographic Region in 2023

Figure 30. Americas Single Photon Avalanche Photodiode Sales 2019-2024 (K Units)

Figure 31. Americas Single Photon Avalanche Photodiode Revenue 2019-2024 (\$ Millions)

Figure 32. APAC Single Photon Avalanche Photodiode Sales 2019-2024 (K Units)

Figure 33. APAC Single Photon Avalanche Photodiode Revenue 2019-2024 (\$ Millions)

Figure 34. Europe Single Photon Avalanche Photodiode Sales 2019-2024 (K Units)

Figure 35. Europe Single Photon Avalanche Photodiode Revenue 2019-2024 (\$ Millions)

Figure 36. Middle East & Africa Single Photon Avalanche Photodiode Sales 2019-2024 (K Units)

Figure 37. Middle East & Africa Single Photon Avalanche Photodiode Revenue 2019-2024 (\$ Millions)

Figure 38. Americas Single Photon Avalanche Photodiode Sales Market Share by Country in 2023

Figure 39. Americas Single Photon Avalanche Photodiode Revenue Market Share by Country in 2023

Figure 40. Americas Single Photon Avalanche Photodiode Sales Market Share by Type (2019-2024)

Figure 41. Americas Single Photon Avalanche Photodiode Sales Market Share by Application (2019-2024)

Figure 42. United States Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 43. Canada Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 44. Mexico Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$

Millions)

Figure 45. Brazil Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 46. APAC Single Photon Avalanche Photodiode Sales Market Share by Region in 2023

Figure 47. APAC Single Photon Avalanche Photodiode Revenue Market Share by Regions in 2023

Figure 48. APAC Single Photon Avalanche Photodiode Sales Market Share by Type (2019-2024)

Figure 49. APAC Single Photon Avalanche Photodiode Sales Market Share by Application (2019-2024)

Figure 50. China Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 51. Japan Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 52. South Korea Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 53. Southeast Asia Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 54. India Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 55. Australia Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 56. China Taiwan Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 57. Europe Single Photon Avalanche Photodiode Sales Market Share by Country in 2023

Figure 58. Europe Single Photon Avalanche Photodiode Revenue Market Share by Country in 2023

Figure 59. Europe Single Photon Avalanche Photodiode Sales Market Share by Type (2019-2024)

Figure 60. Europe Single Photon Avalanche Photodiode Sales Market Share by Application (2019-2024)

Figure 61. Germany Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 62. France Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 63. UK Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 64. Italy Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 65. Russia Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 66. Middle East & Africa Single Photon Avalanche Photodiode Sales Market Share by Country in 2023

Figure 67. Middle East & Africa Single Photon Avalanche Photodiode Revenue Market Share by Country in 2023

Figure 68. Middle East & Africa Single Photon Avalanche Photodiode Sales Market Share by Type (2019-2024)

Figure 69. Middle East & Africa Single Photon Avalanche Photodiode Sales Market Share by Application (2019-2024)

Figure 70. Egypt Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 71. South Africa Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 72. Israel Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 73. Turkey Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 74. GCC Country Single Photon Avalanche Photodiode Revenue Growth 2019-2024 (\$ Millions)

Figure 75. Manufacturing Cost Structure Analysis of Single Photon Avalanche Photodiode in 2023

Figure 76. Manufacturing Process Analysis of Single Photon Avalanche Photodiode

Figure 77. Industry Chain Structure of Single Photon Avalanche Photodiode

Figure 78. Channels of Distribution

Figure 79. Global Single Photon Avalanche Photodiode Sales Market Forecast by Region (2025-2030)

Figure 80. Global Single Photon Avalanche Photodiode Revenue Market Share Forecast by Region (2025-2030)

Figure 81. Global Single Photon Avalanche Photodiode Sales Market Share Forecast by Type (2025-2030)

Figure 82. Global Single Photon Avalanche Photodiode Revenue Market Share Forecast by Type (2025-2030)

Figure 83. Global Single Photon Avalanche Photodiode Sales Market Share Forecast by Application (2025-2030)

Figure 84. Global Single Photon Avalanche Photodiode Revenue Market Share Forecast by Application (2025-2030)

## I would like to order

Product name: Global Single Photon Avalanche Photodiode Market Growth 2024-2030

Product link: <https://marketpublishers.com/r/GFCF023E5F17EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GFCF023E5F17EN.html>

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

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

**\*\*All fields are required**

Customer signature \_\_\_\_\_

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

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