

# Global Silicon Photomultiplier (SiPM) Array Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Silicon Photomultiplier (SiPM) Array market size is expected to reach \$ 109.5 million by 2029, rising at a market growth of 6.6% CAGR during the forecast period (2023-2029).

Multi-Pixel Photon Counter (MPPC), also known as silicon photomultiplier (SiPM), is a solid state photomultiplier comprised of a high density matrix of Geiger-mode-operated avalanche photodiodes also known as SPAD (single-photon avalanche photodiode). These SPADs have high internal gain which enable single photon detection.

This report studies the global Silicon Photomultiplier (SiPM) Array production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Silicon Photomultiplier (SiPM) Array, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Silicon Photomultiplier (SiPM) Array that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Silicon Photomultiplier (SiPM) Array total production and demand, 2018-2029, (K Units)

Global Silicon Photomultiplier (SiPM) Array total production value, 2018-2029, (USD Million)

Global Silicon Photomultiplier (SiPM) Array production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Silicon Photomultiplier (SiPM) Array consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Silicon Photomultiplier (SiPM) Array domestic production, consumption, key domestic manufacturers and share

Global Silicon Photomultiplier (SiPM) Array production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Silicon Photomultiplier (SiPM) Array production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Silicon Photomultiplier (SiPM) Array production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Silicon Photomultiplier (SiPM) Array 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 Ketek, Broadcom, Onsemi, Hamamatsu Photonics, Luming Lights, Scintacor and TE Connectivity (Fisrt Sensor), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Silicon Photomultiplier (SiPM) Array market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

## Global Silicon Photomultiplier (SiPM) Array Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Silicon Photomultiplier (SiPM) Array Market, Segmentation by Type

Pixel Pitch below 25  $\mu$ m

Pixel Pitch above 25  $\mu$ m

## Global Silicon Photomultiplier (SiPM) Array Market, Segmentation by Application

Medical Imaging

Bioscience

3D Ranging and Imaging

Others

## Companies Profiled:

Ketek

Broadcom

Onsemi

Hamamatsu Photonics

Luming Lights

Scintacor

TE Connectivity (Fisrt Sensor)

### Key Questions Answered

1. How big is the global Silicon Photomultiplier (SiPM) Array market?
2. What is the demand of the global Silicon Photomultiplier (SiPM) Array market?
3. What is the year over year growth of the global Silicon Photomultiplier (SiPM) Array market?
4. What is the production and production value of the global Silicon Photomultiplier (SiPM) Array market?
5. Who are the key producers in the global Silicon Photomultiplier (SiPM) Array market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Silicon Photomultiplier (SiPM) Array Introduction
- 1.2 World Silicon Photomultiplier (SiPM) Array Supply & Forecast
  - 1.2.1 World Silicon Photomultiplier (SiPM) Array Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Silicon Photomultiplier (SiPM) Array Production (2018-2029)
  - 1.2.3 World Silicon Photomultiplier (SiPM) Array Pricing Trends (2018-2029)
- 1.3 World Silicon Photomultiplier (SiPM) Array Production by Region (Based on Production Site)
  - 1.3.1 World Silicon Photomultiplier (SiPM) Array Production Value by Region (2018-2029)
  - 1.3.2 World Silicon Photomultiplier (SiPM) Array Production by Region (2018-2029)
  - 1.3.3 World Silicon Photomultiplier (SiPM) Array Average Price by Region (2018-2029)
  - 1.3.4 North America Silicon Photomultiplier (SiPM) Array Production (2018-2029)
  - 1.3.5 Europe Silicon Photomultiplier (SiPM) Array Production (2018-2029)
  - 1.3.6 China Silicon Photomultiplier (SiPM) Array Production (2018-2029)
  - 1.3.7 Japan Silicon Photomultiplier (SiPM) Array Production (2018-2029)
  - 1.3.8 South Korea Silicon Photomultiplier (SiPM) Array Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Silicon Photomultiplier (SiPM) Array Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Silicon Photomultiplier (SiPM) Array Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World Silicon Photomultiplier (SiPM) Array Demand (2018-2029)
- 2.2 World Silicon Photomultiplier (SiPM) Array Consumption by Region
  - 2.2.1 World Silicon Photomultiplier (SiPM) Array Consumption by Region (2018-2023)
  - 2.2.2 World Silicon Photomultiplier (SiPM) Array Consumption Forecast by Region (2024-2029)
- 2.3 United States Silicon Photomultiplier (SiPM) Array Consumption (2018-2029)
- 2.4 China Silicon Photomultiplier (SiPM) Array Consumption (2018-2029)
- 2.5 Europe Silicon Photomultiplier (SiPM) Array Consumption (2018-2029)

- 2.6 Japan Silicon Photomultiplier (SiPM) Array Consumption (2018-2029)
- 2.7 South Korea Silicon Photomultiplier (SiPM) Array Consumption (2018-2029)
- 2.8 ASEAN Silicon Photomultiplier (SiPM) Array Consumption (2018-2029)
- 2.9 India Silicon Photomultiplier (SiPM) Array Consumption (2018-2029)

### **3 WORLD SILICON PHOTOMULTIPLIER (SIPM) ARRAY MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World Silicon Photomultiplier (SiPM) Array Production Value by Manufacturer (2018-2023)
- 3.2 World Silicon Photomultiplier (SiPM) Array Production by Manufacturer (2018-2023)
- 3.3 World Silicon Photomultiplier (SiPM) Array Average Price by Manufacturer (2018-2023)
- 3.4 Silicon Photomultiplier (SiPM) Array Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Silicon Photomultiplier (SiPM) Array Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Silicon Photomultiplier (SiPM) Array in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for Silicon Photomultiplier (SiPM) Array in 2022
- 3.6 Silicon Photomultiplier (SiPM) Array Market: Overall Company Footprint Analysis
  - 3.6.1 Silicon Photomultiplier (SiPM) Array Market: Region Footprint
  - 3.6.2 Silicon Photomultiplier (SiPM) Array Market: Company Product Type Footprint
  - 3.6.3 Silicon Photomultiplier (SiPM) Array 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: Silicon Photomultiplier (SiPM) Array Production Value Comparison
  - 4.1.1 United States VS China: Silicon Photomultiplier (SiPM) Array Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Silicon Photomultiplier (SiPM) Array Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Silicon Photomultiplier (SiPM) Array Production Comparison

4.2.1 United States VS China: Silicon Photomultiplier (SiPM) Array Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Silicon Photomultiplier (SiPM) Array Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Silicon Photomultiplier (SiPM) Array Consumption Comparison

4.3.1 United States VS China: Silicon Photomultiplier (SiPM) Array Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Silicon Photomultiplier (SiPM) Array Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Silicon Photomultiplier (SiPM) Array Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Silicon Photomultiplier (SiPM) Array Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Value (2018-2023)

4.4.3 United States Based Manufacturers Silicon Photomultiplier (SiPM) Array Production (2018-2023)

4.5 China Based Silicon Photomultiplier (SiPM) Array Manufacturers and Market Share

4.5.1 China Based Silicon Photomultiplier (SiPM) Array Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Value (2018-2023)

4.5.3 China Based Manufacturers Silicon Photomultiplier (SiPM) Array Production (2018-2023)

4.6 Rest of World Based Silicon Photomultiplier (SiPM) Array Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Silicon Photomultiplier (SiPM) Array Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Silicon Photomultiplier (SiPM) Array Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

## 5.1 World Silicon Photomultiplier (SiPM) Array Market Size Overview by Type: 2018 VS 2022 VS 2029

### 5.2 Segment Introduction by Type

#### 5.2.1 Pixel Pitch below 25 $\mu$ m

#### 5.2.2 Pixel Pitch above 25 $\mu$ m

### 5.3 Market Segment by Type

#### 5.3.1 World Silicon Photomultiplier (SiPM) Array Production by Type (2018-2029)

#### 5.3.2 World Silicon Photomultiplier (SiPM) Array Production Value by Type (2018-2029)

#### 5.3.3 World Silicon Photomultiplier (SiPM) Array Average Price by Type (2018-2029)

## 6 MARKET ANALYSIS BY APPLICATION

### 6.1 World Silicon Photomultiplier (SiPM) Array Market Size Overview by Application: 2018 VS 2022 VS 2029

### 6.2 Segment Introduction by Application

#### 6.2.1 Medical Imaging

#### 6.2.2 Bioscience

#### 6.2.3 3D Ranging and Imaging

#### 6.2.4 Others

### 6.3 Market Segment by Application

#### 6.3.1 World Silicon Photomultiplier (SiPM) Array Production by Application (2018-2029)

#### 6.3.2 World Silicon Photomultiplier (SiPM) Array Production Value by Application (2018-2029)

#### 6.3.3 World Silicon Photomultiplier (SiPM) Array Average Price by Application (2018-2029)

## 7 COMPANY PROFILES

### 7.1 Ketek

#### 7.1.1 Ketek Details

#### 7.1.2 Ketek Major Business

#### 7.1.3 Ketek Silicon Photomultiplier (SiPM) Array Product and Services

#### 7.1.4 Ketek Silicon Photomultiplier (SiPM) Array Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.1.5 Ketek Recent Developments/Updates

#### 7.1.6 Ketek Competitive Strengths & Weaknesses

## 7.2 Broadcom

### 7.2.1 Broadcom Details

### 7.2.2 Broadcom Major Business

### 7.2.3 Broadcom Silicon Photomultiplier (SiPM) Array Product and Services

### 7.2.4 Broadcom Silicon Photomultiplier (SiPM) Array Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.2.5 Broadcom Recent Developments/Updates

### 7.2.6 Broadcom Competitive Strengths & Weaknesses

## 7.3 Onsemi

### 7.3.1 Onsemi Details

### 7.3.2 Onsemi Major Business

### 7.3.3 Onsemi Silicon Photomultiplier (SiPM) Array Product and Services

### 7.3.4 Onsemi Silicon Photomultiplier (SiPM) Array Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.3.5 Onsemi Recent Developments/Updates

### 7.3.6 Onsemi Competitive Strengths & Weaknesses

## 7.4 Hamamatsu Photonics

### 7.4.1 Hamamatsu Photonics Details

### 7.4.2 Hamamatsu Photonics Major Business

### 7.4.3 Hamamatsu Photonics Silicon Photomultiplier (SiPM) Array Product and Services

### 7.4.4 Hamamatsu Photonics Silicon Photomultiplier (SiPM) Array Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.4.5 Hamamatsu Photonics Recent Developments/Updates

### 7.4.6 Hamamatsu Photonics Competitive Strengths & Weaknesses

## 7.5 Luming Lights

### 7.5.1 Luming Lights Details

### 7.5.2 Luming Lights Major Business

### 7.5.3 Luming Lights Silicon Photomultiplier (SiPM) Array Product and Services

### 7.5.4 Luming Lights Silicon Photomultiplier (SiPM) Array Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.5.5 Luming Lights Recent Developments/Updates

### 7.5.6 Luming Lights Competitive Strengths & Weaknesses

## 7.6 Scintacor

### 7.6.1 Scintacor Details

### 7.6.2 Scintacor Major Business

### 7.6.3 Scintacor Silicon Photomultiplier (SiPM) Array Product and Services

### 7.6.4 Scintacor Silicon Photomultiplier (SiPM) Array Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.6.5 Scintacor Recent Developments/Updates
- 7.6.6 Scintacor Competitive Strengths & Weaknesses
- 7.7 TE Connectivity (Fisrt Sensor)
  - 7.7.1 TE Connectivity (Fisrt Sensor) Details
  - 7.7.2 TE Connectivity (Fisrt Sensor) Major Business
  - 7.7.3 TE Connectivity (Fisrt Sensor) Silicon Photomultiplier (SiPM) Array Product and Services
  - 7.7.4 TE Connectivity (Fisrt Sensor) Silicon Photomultiplier (SiPM) Array Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 TE Connectivity (Fisrt Sensor) Recent Developments/Updates
  - 7.7.6 TE Connectivity (Fisrt Sensor) Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Silicon Photomultiplier (SiPM) Array Industry Chain
- 8.2 Silicon Photomultiplier (SiPM) Array Upstream Analysis
  - 8.2.1 Silicon Photomultiplier (SiPM) Array Core Raw Materials
  - 8.2.2 Main Manufacturers of Silicon Photomultiplier (SiPM) Array Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Silicon Photomultiplier (SiPM) Array Production Mode
- 8.6 Silicon Photomultiplier (SiPM) Array Procurement Model
- 8.7 Silicon Photomultiplier (SiPM) Array Industry Sales Model and Sales Channels
  - 8.7.1 Silicon Photomultiplier (SiPM) Array Sales Model
  - 8.7.2 Silicon Photomultiplier (SiPM) Array Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Silicon Photomultiplier (SiPM) Array Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Silicon Photomultiplier (SiPM) Array Production Value by Region (2018-2023) & (USD Million)

Table 3. World Silicon Photomultiplier (SiPM) Array Production Value by Region (2024-2029) & (USD Million)

Table 4. World Silicon Photomultiplier (SiPM) Array Production Value Market Share by Region (2018-2023)

Table 5. World Silicon Photomultiplier (SiPM) Array Production Value Market Share by Region (2024-2029)

Table 6. World Silicon Photomultiplier (SiPM) Array Production by Region (2018-2023) & (K Units)

Table 7. World Silicon Photomultiplier (SiPM) Array Production by Region (2024-2029) & (K Units)

Table 8. World Silicon Photomultiplier (SiPM) Array Production Market Share by Region (2018-2023)

Table 9. World Silicon Photomultiplier (SiPM) Array Production Market Share by Region (2024-2029)

Table 10. World Silicon Photomultiplier (SiPM) Array Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Silicon Photomultiplier (SiPM) Array Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Silicon Photomultiplier (SiPM) Array Major Market Trends

Table 13. World Silicon Photomultiplier (SiPM) Array Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Silicon Photomultiplier (SiPM) Array Consumption by Region (2018-2023) & (K Units)

Table 15. World Silicon Photomultiplier (SiPM) Array Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Silicon Photomultiplier (SiPM) Array Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Silicon Photomultiplier (SiPM) Array Producers in 2022

Table 18. World Silicon Photomultiplier (SiPM) Array Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Silicon Photomultiplier (SiPM) Array Producers in 2022

Table 20. World Silicon Photomultiplier (SiPM) Array Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Silicon Photomultiplier (SiPM) Array Company Evaluation Quadrant

Table 22. World Silicon Photomultiplier (SiPM) Array Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Silicon Photomultiplier (SiPM) Array Production Site of Key Manufacturer

Table 24. Silicon Photomultiplier (SiPM) Array Market: Company Product Type Footprint

Table 25. Silicon Photomultiplier (SiPM) Array Market: Company Product Application Footprint

Table 26. Silicon Photomultiplier (SiPM) Array Competitive Factors

Table 27. Silicon Photomultiplier (SiPM) Array New Entrant and Capacity Expansion Plans

Table 28. Silicon Photomultiplier (SiPM) Array Mergers & Acquisitions Activity

Table 29. United States VS China Silicon Photomultiplier (SiPM) Array Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Silicon Photomultiplier (SiPM) Array Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Silicon Photomultiplier (SiPM) Array Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Silicon Photomultiplier (SiPM) Array Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Silicon Photomultiplier (SiPM) Array Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Market Share (2018-2023)

Table 37. China Based Silicon Photomultiplier (SiPM) Array Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Silicon Photomultiplier (SiPM) Array Production

(2018-2023) & (K Units)

Table 41. China Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Market Share (2018-2023)

Table 42. Rest of World Based Silicon Photomultiplier (SiPM) Array Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Silicon Photomultiplier (SiPM) Array Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Market Share (2018-2023)

Table 47. World Silicon Photomultiplier (SiPM) Array Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Silicon Photomultiplier (SiPM) Array Production by Type (2018-2023) & (K Units)

Table 49. World Silicon Photomultiplier (SiPM) Array Production by Type (2024-2029) & (K Units)

Table 50. World Silicon Photomultiplier (SiPM) Array Production Value by Type (2018-2023) & (USD Million)

Table 51. World Silicon Photomultiplier (SiPM) Array Production Value by Type (2024-2029) & (USD Million)

Table 52. World Silicon Photomultiplier (SiPM) Array Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Silicon Photomultiplier (SiPM) Array Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Silicon Photomultiplier (SiPM) Array Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Silicon Photomultiplier (SiPM) Array Production by Application (2018-2023) & (K Units)

Table 56. World Silicon Photomultiplier (SiPM) Array Production by Application (2024-2029) & (K Units)

Table 57. World Silicon Photomultiplier (SiPM) Array Production Value by Application (2018-2023) & (USD Million)

Table 58. World Silicon Photomultiplier (SiPM) Array Production Value by Application (2024-2029) & (USD Million)

Table 59. World Silicon Photomultiplier (SiPM) Array Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Silicon Photomultiplier (SiPM) Array Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Ketek Basic Information, Manufacturing Base and Competitors

Table 62. Ketek Major Business

Table 63. Ketek Silicon Photomultiplier (SiPM) Array Product and Services

Table 64. Ketek Silicon Photomultiplier (SiPM) Array Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Ketek Recent Developments/Updates

Table 66. Ketek Competitive Strengths & Weaknesses

Table 67. Broadcom Basic Information, Manufacturing Base and Competitors

Table 68. Broadcom Major Business

Table 69. Broadcom Silicon Photomultiplier (SiPM) Array Product and Services

Table 70. Broadcom Silicon Photomultiplier (SiPM) Array Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Broadcom Recent Developments/Updates

Table 72. Broadcom Competitive Strengths & Weaknesses

Table 73. Onsemi Basic Information, Manufacturing Base and Competitors

Table 74. Onsemi Major Business

Table 75. Onsemi Silicon Photomultiplier (SiPM) Array Product and Services

Table 76. Onsemi Silicon Photomultiplier (SiPM) Array Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Onsemi Recent Developments/Updates

Table 78. Onsemi Competitive Strengths & Weaknesses

Table 79. Hamamatsu Photonics Basic Information, Manufacturing Base and Competitors

Table 80. Hamamatsu Photonics Major Business

Table 81. Hamamatsu Photonics Silicon Photomultiplier (SiPM) Array Product and Services

Table 82. Hamamatsu Photonics Silicon Photomultiplier (SiPM) Array Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Hamamatsu Photonics Recent Developments/Updates

Table 84. Hamamatsu Photonics Competitive Strengths & Weaknesses

Table 85. Luming Lights Basic Information, Manufacturing Base and Competitors

Table 86. Luming Lights Major Business

Table 87. Luming Lights Silicon Photomultiplier (SiPM) Array Product and Services

Table 88. Luming Lights Silicon Photomultiplier (SiPM) Array Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Luming Lights Recent Developments/Updates

Table 90. Luming Lights Competitive Strengths & Weaknesses

Table 91. Scintacor Basic Information, Manufacturing Base and Competitors

Table 92. Scintacor Major Business

Table 93. Scintacor Silicon Photomultiplier (SiPM) Array Product and Services

Table 94. Scintacor Silicon Photomultiplier (SiPM) Array Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Scintacor Recent Developments/Updates

Table 96. TE Connectivity (Fisrt Sensor) Basic Information, Manufacturing Base and Competitors

Table 97. TE Connectivity (Fisrt Sensor) Major Business

Table 98. TE Connectivity (Fisrt Sensor) Silicon Photomultiplier (SiPM) Array Product and Services

Table 99. TE Connectivity (Fisrt Sensor) Silicon Photomultiplier (SiPM) Array Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 100. Global Key Players of Silicon Photomultiplier (SiPM) Array Upstream (Raw Materials)

Table 101. Silicon Photomultiplier (SiPM) Array Typical Customers

Table 102. Silicon Photomultiplier (SiPM) Array Typical Distributors

## List Of Figures

### LIST OF FIGURES

- Figure 1. Silicon Photomultiplier (SiPM) Array Picture
- Figure 2. World Silicon Photomultiplier (SiPM) Array Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Silicon Photomultiplier (SiPM) Array Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World Silicon Photomultiplier (SiPM) Array Production (2018-2029) & (K Units)
- Figure 5. World Silicon Photomultiplier (SiPM) Array Average Price (2018-2029) & (US\$/Unit)
- Figure 6. World Silicon Photomultiplier (SiPM) Array Production Value Market Share by Region (2018-2029)
- Figure 7. World Silicon Photomultiplier (SiPM) Array Production Market Share by Region (2018-2029)
- Figure 8. North America Silicon Photomultiplier (SiPM) Array Production (2018-2029) & (K Units)
- Figure 9. Europe Silicon Photomultiplier (SiPM) Array Production (2018-2029) & (K Units)
- Figure 10. China Silicon Photomultiplier (SiPM) Array Production (2018-2029) & (K Units)
- Figure 11. Japan Silicon Photomultiplier (SiPM) Array Production (2018-2029) & (K Units)
- Figure 12. South Korea Silicon Photomultiplier (SiPM) Array Production (2018-2029) & (K Units)
- Figure 13. Silicon Photomultiplier (SiPM) Array Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World Silicon Photomultiplier (SiPM) Array Consumption (2018-2029) & (K Units)
- Figure 16. World Silicon Photomultiplier (SiPM) Array Consumption Market Share by Region (2018-2029)
- Figure 17. United States Silicon Photomultiplier (SiPM) Array Consumption (2018-2029) & (K Units)
- Figure 18. China Silicon Photomultiplier (SiPM) Array Consumption (2018-2029) & (K Units)
- Figure 19. Europe Silicon Photomultiplier (SiPM) Array Consumption (2018-2029) & (K Units)
- Figure 20. Japan Silicon Photomultiplier (SiPM) Array Consumption (2018-2029) & (K

Units)

Figure 21. South Korea Silicon Photomultiplier (SiPM) Array Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Silicon Photomultiplier (SiPM) Array Consumption (2018-2029) & (K Units)

Figure 23. India Silicon Photomultiplier (SiPM) Array Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of Silicon Photomultiplier (SiPM) Array by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Silicon Photomultiplier (SiPM) Array Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Silicon Photomultiplier (SiPM) Array Markets in 2022

Figure 27. United States VS China: Silicon Photomultiplier (SiPM) Array Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Silicon Photomultiplier (SiPM) Array Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Silicon Photomultiplier (SiPM) Array Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Market Share 2022

Figure 31. China Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Silicon Photomultiplier (SiPM) Array Production Market Share 2022

Figure 33. World Silicon Photomultiplier (SiPM) Array Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Silicon Photomultiplier (SiPM) Array Production Value Market Share by Type in 2022

Figure 35. Pixel Pitch below 25 ?m

Figure 36. Pixel Pitch above 25 ?m

Figure 37. World Silicon Photomultiplier (SiPM) Array Production Market Share by Type (2018-2029)

Figure 38. World Silicon Photomultiplier (SiPM) Array Production Value Market Share by Type (2018-2029)

Figure 39. World Silicon Photomultiplier (SiPM) Array Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Silicon Photomultiplier (SiPM) Array Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Silicon Photomultiplier (SiPM) Array Production Value Market Share by Application in 2022

Figure 42. Medical Imaging

Figure 43. Bioscience

Figure 44. 3D Ranging and Imaging

Figure 45. Others

Figure 46. World Silicon Photomultiplier (SiPM) Array Production Market Share by Application (2018-2029)

Figure 47. World Silicon Photomultiplier (SiPM) Array Production Value Market Share by Application (2018-2029)

Figure 48. World Silicon Photomultiplier (SiPM) Array Average Price by Application (2018-2029) & (US\$/Unit)

Figure 49. Silicon Photomultiplier (SiPM) Array Industry Chain

Figure 50. Silicon Photomultiplier (SiPM) Array Procurement Model

Figure 51. Silicon Photomultiplier (SiPM) Array Sales Model

Figure 52. Silicon Photomultiplier (SiPM) Array Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

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