

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 μ m

Pixel Pitch above 25 μ 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?

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