

Nano Quantum Dots (QD) Market - Global Outlook and Forecast 2022-2028

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Abstracts

Quantum dots are human-made Nano crystals made up from semiconducting material that can help in transporting electrons. These small semiconductor Nano particles have the ability to emit out light of myriad colors after UV light is incident on them.

This report contains market size and forecasts of Nano Quantum Dots (QD) in global, including the following market information:

Global Nano Quantum Dots (QD) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Nano Quantum Dots (QD) Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Nano Quantum Dots (QD) companies in 2021 (%)

The global Nano Quantum Dots (QD) market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

II-VI-semiconductors Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Nano Quantum Dots (QD) include Nanoco Group Plc, Nanosys, Inc., NN-Labs, LLC, QD Laser, Inc., Samsung Electronics, Ocean NanoTech., Altair Nanotechnologies Inc., Quantum Material Corp. and OSRAM Licht AG, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Nano Quantum Dots (QD) manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Nano Quantum Dots (QD) Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Nano Quantum Dots (QD) Market Segment Percentages, by Type, 2021 (%)

II-VI-semiconductors

III-V-semiconductors

Silicon (Si)

Global Nano Quantum Dots (QD) Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Nano Quantum Dots (QD) Market Segment Percentages, by Application, 2021 (%)

Medicine

Agriculture

Optoelectronics & Optical Components

Alternative Energy

Other

Global Nano Quantum Dots (QD) Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Nano Quantum Dots (QD) Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Nano Quantum Dots (QD) revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Nano Quantum Dots (QD) revenues share in global market, 2021 (%)

Key companies Nano Quantum Dots (QD) sales in global market, 2017-2022
(Estimated), (K Units)

Key companies Nano Quantum Dots (QD) sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Nanoco Group Plc

Nanosys, Inc.

NN-Labs, LLC

QD Laser, Inc.

Samsung Electronics

Ocean NanoTech.

Altair Nanotechnologies Inc.

Quantum Material Corp.

OSRAM Licht AG

InVisage (Apple)

Nano Elements Source, LLC

Crystalplex Corp.

UbiQD

NanoPhotonica Inc.

Navillum Nanotechnologies

LG Display

Pacific Light Technologies

Avantama

Strem Chemicals Inc.

Quantum Solutions

American Elements

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