

VCSEL Market, Global Outlook and Forecast 2022-2028

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Abstracts

VCSEL is a type of semiconductor laser diode with laser beam emission perpendicular from the top surface, contrary to conventional edge-emitting semiconductor lasers (also in-plane lasers) which emit from surfaces formed by cleaving the individual chip out of a wafer.

This report contains market size and forecasts of VCSEL in global, including the following market information:

Global VCSEL Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global VCSEL Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five VCSEL companies in 2021 (%)

The global VCSEL market was valued at 1727.4 million in 2021 and is projected to reach US\$ 3195.9 million by 2028, at a CAGR of 9.2% during the forecast period.

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

Single Mode Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of VCSEL include Finisar, Lumentum, Broadcom, Philips Photonics, II-VI, IQE, AMS, Vixarinc and Santec, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the VCSEL 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 VCSEL Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global VCSEL Market Segment Percentages, by Type, 2021 (%)

Single Mode

Multimode

Global VCSEL Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global VCSEL Market Segment Percentages, by Application, 2021 (%)

Consumer Electronics

Data Center

Commercial & Industrial

Automotive

Healthcare

Military

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

Global VCSEL 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 VCSEL revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies VCSEL revenues share in global market, 2021 (%)

Key companies VCSEL sales in global market, 2017-2022 (Estimated), (K Units)

Key companies VCSEL sales share in global market, 2021 (%)

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

Finisar

Lumentum

Broadcom

Philips Photonics

II-VI

IQE

AMS

Vixarinc

Santec

Vertilas

Coherent

TT Electronics

Newport

Neophotonics

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