

Global LED Chip and Module Market Research Report 2022 Professional Edition

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Abstracts

The global LED Chip and Module market was valued at 389.32 Million USD in 2021 and will grow with a CAGR of 5.12% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

Epi/chip. Epitaxy refers to the process of evolving a wafer (sapphire or SiC, for instance) by depositing epitaxial layers on the wafer using MOCVD. Creating the epitaxial layers is the most critical and capital-intensive step in LED manufacturing. After additional wafer processing to create the metal connection, the wafer is cut up ('diced') into chips. Although it can be used for different applications, the quality requirements (mainly efficacy) of the epi/chip differ by application. LED backlight market demands fell short of expectations, which caused sliding ASP of LED chips and LED package. This trend has been markedly observed during second half of 2015, when LED chip and package prices sharply plunged to the point that some LED chip and package spec prices are now close to material costs. Many manufacturers have incurred losses as a result. Even though manufacturers in the LED industry are being pressured to lower prices in the short term, in the long run there will be limited room for further LED price cuts. This can be explained by the growing number of manufacturers withdrawing from the market in the near future, as LED prices is close to manufacturing costs and reduce companies' profitability. Chinese LED companies listed on the A stock have been acquiring international manufacturers through issuing shares on the market, or after receiving

government financial support. Some Chinese manufacturers are targeting major international LED players' patents and lighting brands, in hopes of strengthening their patent portfolio and oversea distribution channels. Additionally, more Chinese LED manufacturers are also transforming their business models. Some LED manufacturers aiming to leave behind hotly contended red sea markets are entering other market sectors through mergers and acquisitions.

By Market Vendors:

Epistar

San'an Opto

Cree

OSRAM

Samsung

Toyoda Gosei

Seoul Semiconductor

Philips Lumileds

ETI

LG Innotek

NiChia

HC SemiTek

Lextar

Lattice Power

OPTO-TECH

Tyntek

Genesis Photonics

Formosa Epitaxy

Changelight

Aucksun

TongFang

By Types:

Lateral Chip

Vertical Chip

Flip Chip

By Applications:

General Lighting

Automotive Lighting

Backlighting

Key Indicators Analysed

Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

Global and Regional Market Analysis: The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume &

revenue forecast. With detailed analysis by types and applications.

Market Trends: Market key trends which include Increased Competition and Continuous Innovations.

Opportunities and Drivers: Identifying the Growing Demands and New Technology

Porters Five Force Analysis: The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

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