

Global LED Chip and Module Market Data Survey Report 2015-2025

<https://marketpublishers.com/r/GEEA23ED327EN.html>

Date: January 2020

Pages: 74

Price: US\$ 1,500.00 (Single User License)

ID: GEEA23ED327EN

Abstracts

SUMMARY

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. Module (sometimes called light engine). Creation of a module (light engine) is the next step in the LED lighting value chain. The module (light engine) mainly consists of one or more LED packages, secondary optics, a heat sink and an electrical driver. The LEDs are mounted on a PCB (printed circuit board), and the modules (light engines) are integrated with optics and thermal/power management components to optimize the module (light engine) to each application. The global LED Chip and Module market will reach xxx Million USD in 2020 with CAGR xx% 2020-2025. The main contents of the report including:

Global market size and forecast

Regional market size, production data and export & import

Key manufacturers profile, products & services, sales data of business

Global market size by Major End-Use

Global market size by Major Type

Key manufacturers are included based on company profile, sales data and product specifications etc.:

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

Major applications as follows:

General Lighting

Automotive Lighting

Backlighting

Major Type as follows:

Lateral Chip

Vertical Chip

Flip Chip

Regional market size, production data and export & import:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

Contents

1 GLOBAL MARKET OVERVIEW

1.1 Scope of Statistics

1.1.1 Scope of Products

1.1.2 Scope of Manufacturers

1.1.3 Scope of End-Use

1.1.4 Scope of Product Type

1.1.5 Scope of Regions/Countries

1.2 Global Market Size

Fig Global LED Chip and Module Market Size and CAGR 2015-2019 (Million USD)

Fig Global LED Chip and Module Market Size and CAGR 2015-2019 (Volume)

Fig Global LED Chip and Module Market Forecast and CAGR 2020-2025 (Million USD)

Fig Global LED Chip and Module Market Forecast and CAGR 2020-2025 (Volume)

2 REGIONAL MARKET

2.1 Regional Sales

Tab Regional Sales Revenue 2015-2019 (Million USD)

Tab Regional Sales Volume 2015-2019 (Volume)

2.2 Regional Demand

Tab Regional Demand and CAGR List 2015-2019 (Million USD)

Tab Regional Demand and CAGR List 2015-2019 (Volume)

Tab Regional Demand Forecast and CAGR 2020-2025 (Million USD)

Tab Regional Demand Forecast and CAGR 2020-2025 (Volume)

2.3 Regional Trade

Tab Regional Export 2015-2019 (Million USD)

Tab Regional Export 2015-2019 (Volume)

Tab Regional Import 2015-2019 (Million USD)

Tab Regional Import 2015-2019 (Volume)

3 KEY MANUFACTURERS

3.1 Epistar

3.1.1 Company Information

Tab Company Profile List of Epistar

3.1.2 Product & Services

3.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Epistar

3.1.4 Recent Development

3.2 San'an Opto

3.2.1 Company Information

Tab Company Profile List of San'an Opto

3.2.2 Product & Services

3.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of San'an Opto

3.2.4 Recent Development

3.3 Cree

3.3.1 Company Information

Tab Company Profile List of Cree

3.3.2 Product & Services

3.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Cree

3.3.4 Recent Development

3.4 OSRAM

3.4.1 Company Information

Tab Company Profile List of OSRAM

3.4.2 Product & Services

3.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of OSRAM

3.4.4 Recent Development

3.5 Samsung

3.5.1 Company Information

Tab Company Profile List of Samsung

3.5.2 Product & Services

3.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Samsung

3.5.4 Recent Development

3.6 Toyoda Gosei

3.6.1 Company Information

Tab Company Profile List of Toyoda Gosei

3.6.2 Product & Services

3.6.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Toyoda Gosei

3.6.4 Recent Development

3.7 Seoul Semiconductor

3.7.1 Company Information

Tab Company Profile List of Seoul Semiconductor

3.7.2 Product & Services

3.7.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Seoul Semiconductor

3.7.4 Recent Development

3.8 Philips Lumileds

3.8.1 Company Information

Tab Company Profile List of Philips Lumileds

3.8.2 Product & Services

3.8.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Philips Lumileds

3.8.4 Recent Development

3.9 ETI

3.9.1 Company Information

Tab Company Profile List of ETI

3.9.2 Product & Services

3.9.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of ETI

3.9.4 Recent Development

3.10 LG Innotek

3.10.1 Company Information

Tab Company Profile List of LG Innotek

3.10.2 Product & Services

3.10.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of LG Innotek

3.10.4 Recent Development

3.11 NiChia

3.11.1 Company Information

Tab Company Profile List of NiChia

3.11.2 Product & Services

3.11.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of NiChia

3.11.4 Recent Development

3.12 HC SemiTek

3.12.1 Company Information

Tab Company Profile List of HC SemiTek

3.12.2 Product & Services

3.12.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of HC SemiTek

- 3.12.4 Recent Development
- 3.13 Lextar
 - 3.13.1 Company Information
 - Tab Company Profile List of Lextar
 - 3.13.2 Product & Services
 - 3.13.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
 - Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Lextar
 - 3.13.4 Recent Development
- 3.14 Lattice Power
 - 3.14.1 Company Information
 - Tab Company Profile List of Lattice Power
 - 3.14.2 Product & Services
 - 3.14.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
 - Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Lattice Power
 - 3.14.4 Recent Development
- 3.15 OPTO-TECH
 - 3.15.1 Company Information
 - Tab Company Profile List of OPTO-TECH
 - 3.15.2 Product & Services
 - 3.15.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
 - Tab Sales Revenue, Sales Volume, Price, Cost and Margin of OPTO-TECH
 - 3.15.4 Recent Development
- 3.16 Tyntek
 - 3.16.1 Company Information
 - Tab Company Profile List of Tyntek
 - 3.16.2 Product & Services
 - 3.16.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
 - Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Tyntek
 - 3.16.4 Recent Development
- 3.17 Genesis Photonics
 - 3.17.1 Company Information
 - Tab Company Profile List of Genesis Photonics
 - 3.17.2 Product & Services
 - 3.17.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
 - Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Genesis Photonics
 - 3.17.4 Recent Development
- 3.18 Formosa Epitaxy
 - 3.18.1 Company Information
 - Tab Company Profile List of Formosa Epitaxy

3.18.2 Product & Services

3.18.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Formosa Epitaxy

3.18.4 Recent Development

3.19 Changelight

3.19.1 Company Information

Tab Company Profile List of Changelight

3.19.2 Product & Services

3.19.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Changelight

3.19.4 Recent Development

3.20 Aucksun

3.20.1 Company Information

Tab Company Profile List of Aucksun

3.20.2 Product & Services

3.20.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Aucksun

3.21 TongFang

3.21.1 Company Information

Tab Company Profile List of TongFang

3.21.2 Product & Services

3.21.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of TongFang

4 MAJOR END-USE

4.1 General Lighting

4.1.1 Overview

Tab Summary of Consumption Distribution of General Lighting

4.1.2 General Lighting Market Size and Forecast

Fig General Lighting Market Size and CAGR 2015-2019 (Million USD)

Fig General Lighting Market Size and CAGR 2015-2019 (Volume)

Fig General Lighting Market Forecast and CAGR 2020-2025 (Million USD)

Fig General Lighting Market Forecast and CAGR 2020-2025 (Volume)

4.2 Automotive Lighting

4.2.1 Overview

Tab Summary of Consumption Distribution of Automotive Lighting

4.2.2 Automotive Lighting Market Size and Forecast

Fig Automotive Lighting Market Size and CAGR 2015-2019 (Million USD)

Fig Automotive Lighting Market Size and CAGR 2015-2019 (Volume)
Fig Automotive Lighting Market Forecast and CAGR 2020-2025 (Million USD)
Fig Automotive Lighting Market Forecast and CAGR 2020-2025 (Volume)

4.3 Backlighting

4.3.1 Overview

Tab Summary of Consumption Distribution of Backlighting

4.3.2 Backlighting Market Size and Forecast

Fig Backlighting Market Size and CAGR 2015-2019 (Million USD)
Fig Backlighting Market Size and CAGR 2015-2019 (Volume)
Fig Backlighting Market Forecast and CAGR 2020-2025 (Million USD)
Fig Backlighting Market Forecast and CAGR 2020-2025 (Volume)

5 MARKET BY TYPE

5.1 Lateral Chip

5.1.1 Overview

Tab Product Overview of Lateral Chip

5.1.2 Lateral Chip Market Size and Forecast

Fig Lateral Chip Market Size and CAGR 2015-2019 (Million USD)
Fig Lateral Chip Market Size and CAGR 2015-2019 (Volume)
Fig Lateral Chip Market Forecast and CAGR 2020-2025 (Million USD)
Fig Lateral Chip Market Forecast and CAGR 2020-2025 (Volume)

5.2 Vertical Chip

5.2.1 Overview

Tab Product Overview of Vertical Chip

5.2.2 Vertical Chip Market Size and Forecast

Fig Vertical Chip Market Size and CAGR 2015-2019 (Million USD)
Fig Vertical Chip Market Size and CAGR 2015-2019 (Volume)
Fig Vertical Chip Market Forecast and CAGR 2020-2025 (Million USD)
Fig Vertical Chip Market Forecast and CAGR 2020-2025 (Volume)

5.3 Flip Chip

5.3.1 Overview

Tab Product Overview of Flip Chip

5.3.2 Flip Chip Market Size and Forecast

Fig Flip Chip Market Size and CAGR 2015-2019 (Million USD)
Fig Flip Chip Market Size and CAGR 2015-2019 (Volume)
Fig Flip Chip Market Forecast and CAGR 2020-2025 (Million USD)
Fig Flip Chip Market Forecast and CAGR 2020-2025 (Volume)

6 PRICE OVERVIEW

6.1 Price by Manufacturers

Tab Different Products Prices List of Major Manufacturers

6.2 Price by End-Use

Tab Different Products Prices List of End-Use

6.3 Price by Type

Tab Different Products Prices List of Product Type

7 CONCLUSION

List Of Tables

LIST OF TABLES

- Tab Regional Sales Revenue 2015-2019 (Million USD)
- Tab Regional Sales Volume 2015-2019 (Volume)
- Tab Regional Demand and CAGR List 2015-2019 (Million USD)
- Tab Regional Demand and CAGR List 2015-2019 (Volume)
- Tab Regional Demand Forecast and CAGR 2020-2025 (Million USD)
- Tab Regional Demand Forecast and CAGR 2020-2025 (Volume)
- Tab Regional Export 2015-2019 (Million USD)
- Tab Regional Export 2015-2019 (Volume)
- Tab Regional Import 2015-2019 (Million USD)
- Tab Regional Import 2015-2019 (Volume)
- Tab Company Profile List of Epistar
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Epistar
- Tab Company Profile List of San'an Opto
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of San'an Opto
- Tab Company Profile List of Cree
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Cree
- Tab Company Profile List of OSRAM
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of OSRAM
- Tab Company Profile List of Samsung
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Samsung
- Tab Company Profile List of Toyoda Gosei
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Toyoda Gosei
- Tab Company Profile List of Seoul Semiconductor
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Seoul Semiconductor
- Tab Company Profile List of Philips Lumileds
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Philips Lumileds
- Tab Company Profile List of ETI
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of ETI
- Tab Company Profile List of LG Innotek
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of LG Innotek
- Tab Company Profile List of NiChia
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of NiChia
- Tab Company Profile List of HC SemiTek
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of HC SemiTek
- Tab Company Profile List of Lextar

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Lextar
Tab Company Profile List of Lattice Power
Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Lattice Power
Tab Company Profile List of OPTO-TECH
Tab Sales Revenue, Sales Volume, Price, Cost and Margin of OPTO-TECH
Tab Company Profile List of Tyntek
Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Tyntek
Tab Company Profile List of Genesis Photonics
Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Genesis Photonics
Tab Company Profile List of Formosa Epitaxy
Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Formosa Epitaxy
Tab Company Profile List of Changelight
Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Changelight
Tab Company Profile List of Aucksun
Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Aucksun
Tab Company Profile List of TongFang
Tab Sales Revenue, Sales Volume, Price, Cost and Margin of TongFang
Tab Summary of Consumption Distribution of General Lighting
Tab Summary of Consumption Distribution of Automotive Lighting
Tab Summary of Consumption Distribution of Backlighting
Tab Product Overview of Lateral Chip
Tab Product Overview of Vertical Chip
Tab Product Overview of Flip Chip
Tab Different Products Prices List of Major Manufacturers
Tab Different Products Prices List of End-Use
Tab Different Products Prices List of Product Type

List Of Figures

LIST OF FIGURES

- Fig Global LED Chip and Module Market Size and CAGR 2015-2019 (Million USD)
- Fig Global LED Chip and Module Market Size and CAGR 2015-2019 (Volume)
- Fig Global LED Chip and Module Market Forecast and CAGR 2020-2025 (Million USD)
- Fig Global LED Chip and Module Market Forecast and CAGR 2020-2025 (Volume)
- Fig General Lighting Market Size and CAGR 2015-2019 (Million USD)
- Fig General Lighting Market Size and CAGR 2015-2019 (Volume)
- Fig General Lighting Market Forecast and CAGR 2020-2025 (Million USD)
- Fig General Lighting Market Forecast and CAGR 2020-2025 (Volume)
- Fig Automotive Lighting Market Size and CAGR 2015-2019 (Million USD)
- Fig Automotive Lighting Market Size and CAGR 2015-2019 (Volume)
- Fig Automotive Lighting Market Forecast and CAGR 2020-2025 (Million USD)
- Fig Automotive Lighting Market Forecast and CAGR 2020-2025 (Volume)
- Fig Backlighting Market Size and CAGR 2015-2019 (Million USD)
- Fig Backlighting Market Size and CAGR 2015-2019 (Volume)
- Fig Backlighting Market Forecast and CAGR 2020-2025 (Million USD)
- Fig Backlighting Market Forecast and CAGR 2020-2025 (Volume)
- Fig Lateral Chip Market Size and CAGR 2015-2019 (Million USD)
- Fig Lateral Chip Market Size and CAGR 2015-2019 (Volume)
- Fig Lateral Chip Market Forecast and CAGR 2020-2025 (Million USD)
- Fig Lateral Chip Market Forecast and CAGR 2020-2025 (Volume)
- Fig Vertical Chip Market Size and CAGR 2015-2019 (Million USD)
- Fig Vertical Chip Market Size and CAGR 2015-2019 (Volume)
- Fig Vertical Chip Market Forecast and CAGR 2020-2025 (Million USD)
- Fig Vertical Chip Market Forecast and CAGR 2020-2025 (Volume)
- Fig Flip Chip Market Size and CAGR 2015-2019 (Million USD)
- Fig Flip Chip Market Size and CAGR 2015-2019 (Volume)
- Fig Flip Chip Market Forecast and CAGR 2020-2025 (Million USD)
- Fig Flip Chip Market Forecast and CAGR 2020-2025 (Volume)

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