

Global LED Chips Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

<https://marketpublishers.com/r/G48E1A0429D1EN.html>

Date: April 2024

Pages: 149

Price: US\$ 3,950.00 (Single User License)

ID: G48E1A0429D1EN

Abstracts

Light Emitting Diode (LED) is a solid-state semiconductor devices, which can convert the energy from an electric current into light. Led chip is a core component of LED, referring to the PN junction.

According to APO Research, The global LED Chips market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

China is the largest LED Chips market with about 24% market share.

The key players are Nichia, Philips Lumileds, Cree, Toyoda Gosei, OSRAM, Epistar, Tyntek, Genesis Photonics, Lextar, Formosa Epitaxy, OPTO-TECH, Seoul Semiconductor, Samsung, LG Innotek, San'an Opto, Changelight, Aucksun, ETI, Lattice Power, Tong Fang, HC SemiTek etc. Top 3 companies occupied about 28% market share.

In terms of production side, this report researches the LED Chips production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of LED Chips by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for LED Chips, capacity, output,

revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of LED Chips, also provides the consumption of main regions and countries. Of the upcoming market potential for LED Chips, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the LED Chips sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global LED Chips market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for LED Chips sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including Nichia, Philips Lumileds, Cree, Toyoda Gosei, OSRAM, Epistar, Tyntek, Genesis Photonics and Lextar, etc.

LED Chips segment by Company

Nichia

Philips Lumileds

Cree

Toyoda Gosei

OSRAM

Epistar

Tyntek

Genesis Photonics

Lextar

Formosa Epitaxy

OPTO-TECH

Seoul Semiconductor

Samsung

LG Innotek

San'an Opto

Changelight

Aucksun

ETI

Lattice Power

Tong Fang

HC SemiTek

LED Chips segment by Type

Lateral Chip LED

Vertical Chip LED

Flip Chip LED

LED Chips segment by Application

Automotive

Backlight Sources

Display Screen

Signage

General Lighting

Others

LED Chips segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global status and future forecast, involving, production,

value, consumption, growth rate (CAGR), market share, historical and forecast.

2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global LED Chips market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of LED Chips and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of LED Chips.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the LED Chips market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global LED Chips industry.

Chapter 3: Detailed analysis of LED Chips market competition landscape. Including LED Chips manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of LED Chips by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of LED Chips in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development

prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global LED Chips Production Value Estimates and Forecasts (2019-2030)
 - 1.2.2 Global LED Chips Production Capacity Estimates and Forecasts (2019-2030)
 - 1.2.3 Global LED Chips Production Estimates and Forecasts (2019-2030)
 - 1.2.4 Global LED Chips Market Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

2 GLOBAL LED CHIPS MARKET DYNAMICS

- 2.1 LED Chips Industry Trends
- 2.2 LED Chips Industry Drivers
- 2.3 LED Chips Industry Opportunities and Challenges
- 2.4 LED Chips Industry Restraints

3 LED CHIPS MARKET BY MANUFACTURERS

- 3.1 Global LED Chips Production Value by Manufacturers (2019-2024)
- 3.2 Global LED Chips Production by Manufacturers (2019-2024)
- 3.3 Global LED Chips Average Price by Manufacturers (2019-2024)
- 3.4 Global LED Chips Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global LED Chips Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global LED Chips Manufacturers, Product Type & Application
- 3.7 Global LED Chips Manufacturers Commercialization Time
- 3.8 Market Competitive Analysis
 - 3.8.1 Global LED Chips Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 LED Chips Players Market Share by Production Value in 2023
 - 3.8.3 2023 LED Chips Tier 1, Tier 2, and Tier

4 LED CHIPS MARKET BY TYPE

- 4.1 LED Chips Type Introduction
 - 4.1.1 Lateral Chip LED

- 4.1.2 Vertical Chip LED
- 4.1.3 Flip Chip LED
- 4.2 Global LED Chips Production by Type
 - 4.2.1 Global LED Chips Production by Type (2019 VS 2023 VS 2030)
 - 4.2.2 Global LED Chips Production by Type (2019-2030)
 - 4.2.3 Global LED Chips Production Market Share by Type (2019-2030)
- 4.3 Global LED Chips Production Value by Type
 - 4.3.1 Global LED Chips Production Value by Type (2019 VS 2023 VS 2030)
 - 4.3.2 Global LED Chips Production Value by Type (2019-2030)
 - 4.3.3 Global LED Chips Production Value Market Share by Type (2019-2030)

5 LED CHIPS MARKET BY APPLICATION

- 5.1 LED Chips Application Introduction
 - 5.1.1 Automotive
 - 5.1.2 Backlight Sources
 - 5.1.3 Display Screen
 - 5.1.4 Signage
 - 5.1.5 General Lighting
 - 5.1.6 Others
- 5.2 Global LED Chips Production by Application
 - 5.2.1 Global LED Chips Production by Application (2019 VS 2023 VS 2030)
 - 5.2.2 Global LED Chips Production by Application (2019-2030)
 - 5.2.3 Global LED Chips Production Market Share by Application (2019-2030)
- 5.3 Global LED Chips Production Value by Application
 - 5.3.1 Global LED Chips Production Value by Application (2019 VS 2023 VS 2030)
 - 5.3.2 Global LED Chips Production Value by Application (2019-2030)
 - 5.3.3 Global LED Chips Production Value Market Share by Application (2019-2030)

6 COMPANY PROFILES

- 6.1 Nichia
 - 6.1.1 Nichia Company Information
 - 6.1.2 Nichia Business Overview
 - 6.1.3 Nichia LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.1.4 Nichia LED Chips Product Portfolio
 - 6.1.5 Nichia Recent Developments
- 6.2 Philips Lumileds
 - 6.2.1 Philips Lumileds Company Information

- 6.2.2 Philips Lumileds Business Overview
- 6.2.3 Philips Lumileds LED Chips Production, Value and Gross Margin (2019-2024)
- 6.2.4 Philips Lumileds LED Chips Product Portfolio
- 6.2.5 Philips Lumileds Recent Developments
- 6.3 Cree
 - 6.3.1 Cree Company Information
 - 6.3.2 Cree Business Overview
 - 6.3.3 Cree LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.3.4 Cree LED Chips Product Portfolio
 - 6.3.5 Cree Recent Developments
- 6.4 Toyoda Gosei
 - 6.4.1 Toyoda Gosei Company Information
 - 6.4.2 Toyoda Gosei Business Overview
 - 6.4.3 Toyoda Gosei LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.4.4 Toyoda Gosei LED Chips Product Portfolio
 - 6.4.5 Toyoda Gosei Recent Developments
- 6.5 OSRAM
 - 6.5.1 OSRAM Company Information
 - 6.5.2 OSRAM Business Overview
 - 6.5.3 OSRAM LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.5.4 OSRAM LED Chips Product Portfolio
 - 6.5.5 OSRAM Recent Developments
- 6.6 Epistar
 - 6.6.1 Epistar Company Information
 - 6.6.2 Epistar Business Overview
 - 6.6.3 Epistar LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.6.4 Epistar LED Chips Product Portfolio
 - 6.6.5 Epistar Recent Developments
- 6.7 Tyntek
 - 6.7.1 Tyntek Company Information
 - 6.7.2 Tyntek Business Overview
 - 6.7.3 Tyntek LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.7.4 Tyntek LED Chips Product Portfolio
 - 6.7.5 Tyntek Recent Developments
- 6.8 Genesis Photonics
 - 6.8.1 Genesis Photonics Company Information
 - 6.8.2 Genesis Photonics Business Overview
 - 6.8.3 Genesis Photonics LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.8.4 Genesis Photonics LED Chips Product Portfolio

- 6.8.5 Genesis Photonics Recent Developments
- 6.9 Lextar
 - 6.9.1 Lextar Company Information
 - 6.9.2 Lextar Business Overview
 - 6.9.3 Lextar LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.9.4 Lextar LED Chips Product Portfolio
 - 6.9.5 Lextar Recent Developments
- 6.10 Formosa Epitaxy
 - 6.10.1 Formosa Epitaxy Company Information
 - 6.10.2 Formosa Epitaxy Business Overview
 - 6.10.3 Formosa Epitaxy LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.10.4 Formosa Epitaxy LED Chips Product Portfolio
 - 6.10.5 Formosa Epitaxy Recent Developments
- 6.11 OPTO-TECH
 - 6.11.1 OPTO-TECH Company Information
 - 6.11.2 OPTO-TECH Business Overview
 - 6.11.3 OPTO-TECH LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.11.4 OPTO-TECH LED Chips Product Portfolio
 - 6.11.5 OPTO-TECH Recent Developments
- 6.12 Seoul Semiconductor
 - 6.12.1 Seoul Semiconductor Company Information
 - 6.12.2 Seoul Semiconductor Business Overview
 - 6.12.3 Seoul Semiconductor LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.12.4 Seoul Semiconductor LED Chips Product Portfolio
 - 6.12.5 Seoul Semiconductor Recent Developments
- 6.13 Samsung
 - 6.13.1 Samsung Company Information
 - 6.13.2 Samsung Business Overview
 - 6.13.3 Samsung LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.13.4 Samsung LED Chips Product Portfolio
 - 6.13.5 Samsung Recent Developments
- 6.14 LG Innotek
 - 6.14.1 LG Innotek Company Information
 - 6.14.2 LG Innotek Business Overview
 - 6.14.3 LG Innotek LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.14.4 LG Innotek LED Chips Product Portfolio
 - 6.14.5 LG Innotek Recent Developments
- 6.15 San'an Opto

- 6.15.1 San'an Opto Comapny Information
- 6.15.2 San'an Opto Business Overview
- 6.15.3 San'an Opto LED Chips Production, Value and Gross Margin (2019-2024)
- 6.15.4 San'an Opto LED Chips Product Portfolio
- 6.15.5 San'an Opto Recent Developments
- 6.16 Changelight
 - 6.16.1 Changelight Comapny Information
 - 6.16.2 Changelight Business Overview
 - 6.16.3 Changelight LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.16.4 Changelight LED Chips Product Portfolio
 - 6.16.5 Changelight Recent Developments
- 6.17 Aucksun
 - 6.17.1 Aucksun Comapny Information
 - 6.17.2 Aucksun Business Overview
 - 6.17.3 Aucksun LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.17.4 Aucksun LED Chips Product Portfolio
 - 6.17.5 Aucksun Recent Developments
- 6.18 ETI
 - 6.18.1 ETI Comapny Information
 - 6.18.2 ETI Business Overview
 - 6.18.3 ETI LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.18.4 ETI LED Chips Product Portfolio
 - 6.18.5 ETI Recent Developments
- 6.19 Lattice Power
 - 6.19.1 Lattice Power Comapny Information
 - 6.19.2 Lattice Power Business Overview
 - 6.19.3 Lattice Power LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.19.4 Lattice Power LED Chips Product Portfolio
 - 6.19.5 Lattice Power Recent Developments
- 6.20 Tong Fang
 - 6.20.1 Tong Fang Comapny Information
 - 6.20.2 Tong Fang Business Overview
 - 6.20.3 Tong Fang LED Chips Production, Value and Gross Margin (2019-2024)
 - 6.20.4 Tong Fang LED Chips Product Portfolio
 - 6.20.5 Tong Fang Recent Developments
- 6.21 HC SemiTek
 - 6.21.1 HC SemiTek Comapny Information
 - 6.21.2 HC SemiTek Business Overview
 - 6.21.3 HC SemiTek LED Chips Production, Value and Gross Margin (2019-2024)

6.21.4 HC SemiTek LED Chips Product Portfolio

6.21.5 HC SemiTek Recent Developments

7 GLOBAL LED CHIPS PRODUCTION BY REGION

7.1 Global LED Chips Production by Region: 2019 VS 2023 VS 2030

7.2 Global LED Chips Production by Region (2019-2030)

7.2.1 Global LED Chips Production by Region: 2019-2024

7.2.2 Global LED Chips Production by Region (2025-2030)

7.3 Global LED Chips Production by Region: 2019 VS 2023 VS 2030

7.4 Global LED Chips Production Value by Region (2019-2030)

7.4.1 Global LED Chips Production Value by Region: 2019-2024

7.4.2 Global LED Chips Production Value by Region (2025-2030)

7.5 Global LED Chips Market Price Analysis by Region (2019-2024)

7.6 Regional Production Value Trends (2019-2030)

7.6.1 North America LED Chips Production Value (2019-2030)

7.6.2 Europe LED Chips Production Value (2019-2030)

7.6.3 Asia-Pacific LED Chips Production Value (2019-2030)

7.6.4 Latin America LED Chips Production Value (2019-2030)

7.6.5 Middle East & Africa LED Chips Production Value (2019-2030)

8 GLOBAL LED CHIPS CONSUMPTION BY REGION

8.1 Global LED Chips Consumption by Region: 2019 VS 2023 VS 2030

8.2 Global LED Chips Consumption by Region (2019-2030)

8.2.1 Global LED Chips Consumption by Region (2019-2024)

8.2.2 Global LED Chips Consumption by Region (2025-2030)

8.3 North America

8.3.1 North America LED Chips Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.3.2 North America LED Chips Consumption by Country (2019-2030)

8.3.3 U.S.

8.3.4 Canada

8.4 Europe

8.4.1 Europe LED Chips Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.4.2 Europe LED Chips Consumption by Country (2019-2030)

8.4.3 Germany

8.4.4 France

8.4.5 U.K.

8.4.6 Italy

8.4.7 Netherlands

8.5 Asia Pacific

8.5.1 Asia Pacific LED Chips Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.5.2 Asia Pacific LED Chips Consumption by Country (2019-2030)

8.5.3 China

8.5.4 Japan

8.5.5 South Korea

8.5.6 Southeast Asia

8.5.7 India

8.5.8 Australia

8.6 LAMEA

8.6.1 LAMEA LED Chips Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.6.2 LAMEA LED Chips Consumption by Country (2019-2030)

8.6.3 Mexico

8.6.4 Brazil

8.6.5 Turkey

8.6.6 GCC Countries

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS

9.1 LED Chips Value Chain Analysis

9.1.1 LED Chips Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Manufacturing Cost Structure

9.1.4 LED Chips Production Mode & Process

9.2 LED Chips Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 LED Chips Distributors

9.2.3 LED Chips Customers

10 CONCLUDING INSIGHTS

11 APPENDIX

11.1 Reasons for Doing This Study

- 11.2 Research Methodology
- 11.3 Research Process
- 11.4 Authors List of This Report
- 11.5 Data Source
 - 11.5.1 Secondary Sources
 - 11.5.2 Primary Sources
- 11.6 Disclaimer

I would like to order

Product name: Global LED Chips Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

Product link: <https://marketpublishers.com/r/G48E1A0429D1EN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G48E1A0429D1EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

