+357 96 030922
info@marketpublishers.com

Global LCoS Chips Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GB02B353A1CCEN.html
Date: September 2026
Pages: 125
Price: US$ 4,480.00 (Single User License)
ID: GB02B353A1CCEN

Abstracts

The global LCoS Chips market size is expected to reach $ 800 million by 2032, rising at a market growth of 13.4% CAGR during the forecast period (2026-2032).

LCoS chips are reflective microdisplay devices based on a CMOS silicon-based active matrix backplane. They integrate a liquid crystal layer, alignment structure, transparent cover plate, and basic encapsulation on reflective pixel electrodes. Incident light from an external LED or laser source is polarized before entering the liquid crystal layer. The driving voltage corresponding to each pixel changes the alignment of the liquid crystal molecules, achieving light intensity, polarization state, or phase modulation. The image is then output from the silicon-based reflective electrodes. Compared to traditional transmissive liquid crystals, the driving circuitry and wiring can be arranged below the reflective pixels, giving LCoS the characteristics of small pixel pitch, high fill rate, weak screen-door effect, high resolution, and good image continuity. It is mainly used in AR and XR near-eye displays, micro-projection, home theaters and professional projectors, automotive HUDs, and industrial and medical displays. The upstream of the industry chain includes silicon wafers and wafer foundry, CMOS backplane design, liquid crystal materials, cover glass, alignment materials, sealants, FPC, packaging materials, and testing equipment. LCoS chips are located in the midstream core display device segment. Downstream, display module and optical engine manufacturers further integrate drive control, light sources, polarization beam splitters, and imaging lens assemblies, ultimately entering AR glasses, HUDs, projectors, and professional display equipment. Product value mainly depends on resolution, display size, pixel pitch, fill rate, reflectivity, contrast ratio, liquid crystal response speed, frame rate, power consumption, drive integration, temperature stability, and packaging yield. Industry profits are mainly concentrated in CMOS backplane intellectual property, micro-pixel design, liquid crystal cell technology, drive integration, and high-yield mass production.

+357 96 030922
info@marketpublishers.com

High-resolution, small-pixel, automotive-grade, high-speed ferroelectric liquid crystal and professional projection products typically have higher unit prices and gross profit margins. In 2025, global LCoS chip production and delivery volume was approximately 4.6 million units, with a combined weighted FOB price of approximately US$70 per unit and a manufacturing gross profit margin of approximately 32% to 48%.

LCoS chips are experiencing a dual-engine growth trajectory, driven by near-eye displays and high-end projection. LCoS microdisplay chips are transitioning from mature devices primarily used in home theaters and professional projectors to high-pixel-density display platforms serving AR glasses, automotive HUDs, and new human-computer interaction terminals. Compared to traditional transmissive liquid crystals, LCoS utilizes a silicon-based CMOS backplane to carry driving and storage circuitry, eliminating the need for large areas of transparent transistors and wiring between pixels, thus achieving higher fill rates and smaller pixel pitches. Compared to Micro OLED and Micro LED, LCoS does not rely on self-emissive materials but requires an external light source and polarization optics. Its industrial value is not solely determined by the chip itself but depends on the system compatibility between the chip, light source, PBS prism, waveguide, or projection lens assembly. Sony's SXRD and JVC's D-ILA continue to support the high-end projection market, while OMNIVISION, Himax, and new Asian entrants are shifting their R&D focus to small-size near-eye displays. Future growth will not be primarily about increasing chip area but about improving resolution, frame rate, and driver integration within a smaller display area. AR glasses require products smaller than 0.30 inches, with a pixel pitch of approximately 3 to 4 micrometers, low power consumption, and direct connectivity to mobile processors; home theaters and professional projectors prioritize 4K resolution, high contrast, black level performance, and long-term stability; while automotive HUDs and industrial displays increase requirements for wide temperature range, lifespan, vibration resistance, and reliability. Integrated drivers, frame buffers, and MIPI interfaces can reduce peripheral circuitry and overall size, facilitating the adoption of LCoS in lightweight glasses. Global AR smart glasses shipments are expected to maintain rapid growth in 2025, but a large number of products will still be displayless smart glasses. AR products truly utilizing microdisplays are still in the early stages of mass production; therefore, the total shipment volume of smart glasses cannot be directly equated with the demand for LCoS. Market challenges mainly stem from optical efficiency, size, and competing technologies. LCoS requires polarizers, illumination systems, and PBS structures, making the overall optical path typically more complex than self-emissive microdisplays; field-sequential color products also require control over liquid crystal response speed and color separation, while automotive and industrial products face response time and uniformity issues caused by temperature variations. Meanwhile, DLP

+357 96 030922
info@marketpublishers.com

has a mature ecosystem in the projection market, Micro OLED has the advantages of self-illumination and high contrast in high-end near-eye displays, and Micro LED is regarded as an important long-term route for lightweight AR. LCoS manufacturers need to reduce system costs through small pixel CMOS design, liquid crystal material optimization, driver integration, packaging yield, and joint design with optical engine manufacturers, rather than just selling standardized panels.

Report Scope

This report studies the global LCoS Chips production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for LCoS Chips and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of LCoS Chips that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global LCoS Chips total production and demand, 2021-2032, (K Pcs)

Global LCoS Chips total production value, 2021-2032, (USD Million)

Global LCoS Chips production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs), (based on production site)

Global LCoS Chips consumption by region & country, CAGR, 2021-2032 & (K Pcs)

U.S. VS China: LCoS Chips domestic production, consumption, key domestic manufacturers and share

Global LCoS Chips production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Pcs)

Global LCoS Chips production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs)

+357 96 030922
info@marketpublishers.com

Global LCoS Chips production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs)

This report profiles key players in the global LCoS Chips market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sony Semiconductor Solutions Corporation, JVCKENWOOD Corporation, Himax Display, Inc., Kopin Corporation, RAONTECH Inc., HOLOEYE Photonics AG, OMNIVISION Technologies, Inc., Silicon Micro Display, Inc., MAY Co., Ltd., CITIZEN FINEDEVICE CO., LTD., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World LCoS Chips market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (K Pcs) and average price (US$/Pcs) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global LCoS Chips Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

+357 96 030922
info@marketpublishers.com

India

Rest of World

Global LCoS Chips Market, Segmentation by Type:

Below HD

HD and WXGA

Full HD and WUXGA

4K and Above

Global LCoS Chips Market, Segmentation by Display Diagonal:

Below 0.30 Inch

0.30 To 0.49 Inch

0.50 To 0.79 Inch

0.80 Inch and Above

Global LCoS Chips Market, Segmentation by Color Generation Architecture:

Color Filter LCoS

Field-Sequential Color LCoS

Monochrome LCoS

Others

+357 96 030922
info@marketpublishers.com

Global LCoS Chips Market, Segmentation by Application:

In-vehicle Displays

AR, XR And Near-Eye Display

Projection Displays

Others

Companies Profiled:

Sony Semiconductor Solutions Corporation

JVCKENWOOD Corporation

Himax Display, Inc.

Kopin Corporation

RAONTECH Inc.

HOLOEYE Photonics AG

OMNIVISION Technologies, Inc.

Silicon Micro Display, Inc.

MAY Co., Ltd.

CITIZEN FINEDEVICE CO., LTD.

Syndiant(XDMicro)

Nanjing SmartVision Electronics Co., Ltd.

+357 96 030922
info@marketpublishers.com

Shenzhen Jingfan Optoelectronics Technology Co., Ltd.

Chongqing Halation Seiko Materials Co., Ltd.

Shanghai Huixinchen Industrial Co., Ltd.

Key Questions Answered:

1. How big is the global LCoS Chips market?
2. What is the demand of the global LCoS Chips market?
3. What is the year over year growth of the global LCoS Chips market?
4. What is the production and production value of the global LCoS Chips market?
5. Who are the key producers in the global LCoS Chips market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY
1.1 LCoS Chips Introduction
1.2 World LCoS Chips Supply & Forecast
  1.2.1 World LCoS Chips Production Value (2021 & 2025 & 2032)
  1.2.2 World LCoS Chips Production (2021-2032)
  1.2.3 World LCoS Chips Pricing Trends (2021-2032)
1.3 World LCoS Chips Production by Region (Based on Production Site)
  1.3.1 World LCoS Chips Production Value by Region (2021-2032)
  1.3.2 World LCoS Chips Production by Region (2021-2032)
  1.3.3 World LCoS Chips Average Price by Region (2021-2032)
  1.3.4 North America LCoS Chips Production (2021-2032)
  1.3.5 Europe LCoS Chips Production (2021-2032)
  1.3.6 China LCoS Chips Production (2021-2032)
  1.3.7 Japan LCoS Chips Production (2021-2032)
  1.3.8 South Korea LCoS Chips Production (2021-2032)
1.4 Market Drivers, Restraints and Trends
  1.4.1 LCoS Chips Market Drivers
  1.4.2 Factors Affecting Demand
  1.4.3 LCoS Chips Major Market Trends

2 DEMAND SUMMARY
2.1 World LCoS Chips Demand (2021-2032)
2.2 World LCoS Chips Consumption by Region
  2.2.1 World LCoS Chips Consumption by Region (2021-2026)
  2.2.2 World LCoS Chips Consumption Forecast by Region (2027-2032)
2.3 United States LCoS Chips Consumption (2021-2032)
2.4 China LCoS Chips Consumption (2021-2032)
2.5 Europe LCoS Chips Consumption (2021-2032)
2.6 Japan LCoS Chips Consumption (2021-2032)
2.7 South Korea LCoS Chips Consumption (2021-2032)
2.8 ASEAN LCoS Chips Consumption (2021-2032)
2.9 India LCoS Chips Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS
3.1 World LCoS Chips Production Value by Manufacturer (2021-2026)
3.2 World LCoS Chips Production by Manufacturer (2021-2026)
3.3 World LCoS Chips Average Price by Manufacturer (2021-2026)

+357 96 030922
info@marketpublishers.com

3.4 LCoS Chips Company Evaluation Quadrant
3.5 Industry Rank and Concentration Rate (CR)
3.5.1 Global LCoS Chips Industry Rank of Major Manufacturers
3.5.2 Global Concentration Ratios (CR4) for LCoS Chips in 2025
3.5.3 Global Concentration Ratios (CR8) for LCoS Chips in 2025
3.6 LCoS Chips Market: Overall Company Footprint Analysis
3.6.1 LCoS Chips Market: Region Footprint
3.6.2 LCoS Chips Market: Company Product Type Footprint
3.6.3 LCoS Chips Market: Company Product Application Footprint
3.7 Competitive Environment
3.7.1 Historical Structure of the Industry
3.7.2 Barriers of Market Entry
3.7.3 Factors of Competition
3.8 New Entrant and Capacity Expansion Plans
3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD
4.1 United States VS China: LCoS Chips Production Value Comparison
4.1.1 United States VS China: LCoS Chips Production Value Comparison (2021 & 2025 & 2032)
4.1.2 United States VS China: LCoS Chips Production Value Market Share Comparison (2021 & 2025 & 2032)
4.2 United States VS China: LCoS Chips Production Comparison
4.2.1 United States VS China: LCoS Chips Production Comparison (2021 & 2025 & 2032)
4.2.2 United States VS China: LCoS Chips Production Market Share Comparison (2021 & 2025 & 2032)
4.3 United States VS China: LCoS Chips Consumption Comparison
4.3.1 United States VS China: LCoS Chips Consumption Comparison (2021 & 2025 & 2032)
4.3.2 United States VS China: LCoS Chips Consumption Market Share Comparison (2021 & 2025 & 2032)
4.4 United States Based LCoS Chips Manufacturers and Market Share, 2021-2026
4.4.1 United States Based LCoS Chips Manufacturers, Headquarters and Production Site (States, Country)
4.4.2 United States Based Manufacturers LCoS Chips Production Value (2021-2026)
4.4.3 United States Based Manufacturers LCoS Chips Production (2021-2026)
4.5 China Based LCoS Chips Manufacturers and Market Share
4.5.1 China Based LCoS Chips Manufacturers, Headquarters and Production Site

+357 96 030922
info@marketpublishers.com

(Province, Country)
4.5.2 China Based Manufacturers LCoS Chips Production Value (2021-2026)
4.5.3 China Based Manufacturers LCoS Chips Production (2021-2026)
4.6 Rest of World Based LCoS Chips Manufacturers and Market Share, 2021-2026
4.6.1 Rest of World Based LCoS Chips Manufacturers, Headquarters and Production Site (State, Country)
4.6.2 Rest of World Based Manufacturers LCoS Chips Production Value (2021-2026)
4.6.3 Rest of World Based Manufacturers LCoS Chips Production (2021-2026)

5 MARKET ANALYSIS BY TYPE
5.1 World LCoS Chips Market Size Overview by Type: 2021 VS 2025 VS 2032
5.2 Segment Introduction by Type
5.2.1 Below HD
5.2.2 HD and WXGA
5.2.3 Full HD and WUXGA
5.2.4 4K and Above
5.3 Market Segment by Type
5.3.1 World LCoS Chips Production by Type (2021-2032)
5.3.2 World LCoS Chips Production Value by Type (2021-2032)
5.3.3 World LCoS Chips Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY DISPLAY DIAGONAL
6.1 World LCoS Chips Market Size Overview by Display Diagonal: 2021 VS 2025 VS 2032
6.2 Segment Introduction by Display Diagonal
6.2.1 Below 0.30 Inch
6.2.2 0.30 To 0.49 Inch
6.2.3 0.50 To 0.79 Inch
6.2.4 0.80 Inch and Above
6.3 Market Segment by Display Diagonal
6.3.1 World LCoS Chips Production by Display Diagonal (2021-2032)
6.3.2 World LCoS Chips Production Value by Display Diagonal (2021-2032)
6.3.3 World LCoS Chips Average Price by Display Diagonal (2021-2032)

7 MARKET ANALYSIS BY COLOR GENERATION ARCHITECTURE
7.1 World LCoS Chips Market Size Overview by Color Generation Architecture: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Color Generation Architecture
7.2.1 Color Filter LCoS

+357 96 030922
info@marketpublishers.com

7.2.2 Field-Sequential Color LCoS
7.2.3 Monochrome LCoS
7.2.4 Others
7.3 Market Segment by Color Generation Architecture
7.3.1 World LCoS Chips Production by Color Generation Architecture (2021-2032)
7.3.2 World LCoS Chips Production Value by Color Generation Architecture (2021-2032)
7.3.3 World LCoS Chips Average Price by Color Generation Architecture (2021-2032)

8 MARKET ANALYSIS BY APPLICATION
8.1 World LCoS Chips Market Size Overview by Application: 2021 VS 2025 VS 2032
8.2 Segment Introduction by Application
8.2.1 In-vehicle Displays
8.2.2 AR, XR And Near-Eye Display
8.2.3 Projection Displays
8.2.4 Others
8.3 Market Segment by Application
8.3.1 World LCoS Chips Production by Application (2021-2032)
8.3.2 World LCoS Chips Production Value by Application (2021-2032)
8.3.3 World LCoS Chips Average Price by Application (2021-2032)

9 COMPANY PROFILES
9.1 Sony Semiconductor Solutions Corporation
9.1.1 Sony Semiconductor Solutions Corporation Details
9.1.2 Sony Semiconductor Solutions Corporation Major Business
9.1.3 Sony Semiconductor Solutions Corporation LCoS Chips Product and Services
9.1.4 Sony Semiconductor Solutions Corporation LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.1.5 Sony Semiconductor Solutions Corporation Recent Developments/Updates
9.1.6 Sony Semiconductor Solutions Corporation Competitive Strengths & Weaknesses
9.2 JVCKENWOOD Corporation
9.2.1 JVCKENWOOD Corporation Details
9.2.2 JVCKENWOOD Corporation Major Business
9.2.3 JVCKENWOOD Corporation LCoS Chips Product and Services
9.2.4 JVCKENWOOD Corporation LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.2.5 JVCKENWOOD Corporation Recent Developments/Updates
9.2.6 JVCKENWOOD Corporation Competitive Strengths & Weaknesses

+357 96 030922
info@marketpublishers.com

9.3 Himax Display, Inc.
9.3.1 Himax Display, Inc. Details
9.3.2 Himax Display, Inc. Major Business
9.3.3 Himax Display, Inc. LCoS Chips Product and Services
9.3.4 Himax Display, Inc. LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.3.5 Himax Display, Inc. Recent Developments/Updates
9.3.6 Himax Display, Inc. Competitive Strengths & Weaknesses
9.4 Kopin Corporation
9.4.1 Kopin Corporation Details
9.4.2 Kopin Corporation Major Business
9.4.3 Kopin Corporation LCoS Chips Product and Services
9.4.4 Kopin Corporation LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.4.5 Kopin Corporation Recent Developments/Updates
9.4.6 Kopin Corporation Competitive Strengths & Weaknesses
9.5 RAONTECH Inc.
9.5.1 RAONTECH Inc. Details
9.5.2 RAONTECH Inc. Major Business
9.5.3 RAONTECH Inc. LCoS Chips Product and Services
9.5.4 RAONTECH Inc. LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.5.5 RAONTECH Inc. Recent Developments/Updates
9.5.6 RAONTECH Inc. Competitive Strengths & Weaknesses
9.6 HOLOEYE Photonics AG
9.6.1 HOLOEYE Photonics AG Details
9.6.2 HOLOEYE Photonics AG Major Business
9.6.3 HOLOEYE Photonics AG LCoS Chips Product and Services
9.6.4 HOLOEYE Photonics AG LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.6.5 HOLOEYE Photonics AG Recent Developments/Updates
9.6.6 HOLOEYE Photonics AG Competitive Strengths & Weaknesses
9.7 OMNIVISION Technologies, Inc.
9.7.1 OMNIVISION Technologies, Inc. Details
9.7.2 OMNIVISION Technologies, Inc. Major Business
9.7.3 OMNIVISION Technologies, Inc. LCoS Chips Product and Services
9.7.4 OMNIVISION Technologies, Inc. LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.7.5 OMNIVISION Technologies, Inc. Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

9.7.6 OMNIVISION Technologies, Inc. Competitive Strengths & Weaknesses
9.8 Silicon Micro Display, Inc.
9.8.1 Silicon Micro Display, Inc. Details
9.8.2 Silicon Micro Display, Inc. Major Business
9.8.3 Silicon Micro Display, Inc. LCoS Chips Product and Services
9.8.4 Silicon Micro Display, Inc. LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.8.5 Silicon Micro Display, Inc. Recent Developments/Updates
9.8.6 Silicon Micro Display, Inc. Competitive Strengths & Weaknesses
9.9 MAY Co., Ltd.
9.9.1 MAY Co., Ltd. Details
9.9.2 MAY Co., Ltd. Major Business
9.9.3 MAY Co., Ltd. LCoS Chips Product and Services
9.9.4 MAY Co., Ltd. LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.9.5 MAY Co., Ltd. Recent Developments/Updates
9.9.6 MAY Co., Ltd. Competitive Strengths & Weaknesses
9.10 CITIZEN FINEDEVICE CO., LTD.
9.10.1 CITIZEN FINEDEVICE CO., LTD. Details
9.10.2 CITIZEN FINEDEVICE CO., LTD. Major Business
9.10.3 CITIZEN FINEDEVICE CO., LTD. LCoS Chips Product and Services
9.10.4 CITIZEN FINEDEVICE CO., LTD. LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.10.5 CITIZEN FINEDEVICE CO., LTD. Recent Developments/Updates
9.10.6 CITIZEN FINEDEVICE CO., LTD. Competitive Strengths & Weaknesses
9.11 Syndiant(XDMicro)
9.11.1 Syndiant(XDMicro) Details
9.11.2 Syndiant(XDMicro) Major Business
9.11.3 Syndiant(XDMicro) LCoS Chips Product and Services
9.11.4 Syndiant(XDMicro) LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.11.5 Syndiant(XDMicro) Recent Developments/Updates
9.11.6 Syndiant(XDMicro) Competitive Strengths & Weaknesses
9.12 Nanjing SmartVision Electronics Co., Ltd.
9.12.1 Nanjing SmartVision Electronics Co., Ltd. Details
9.12.2 Nanjing SmartVision Electronics Co., Ltd. Major Business
9.12.3 Nanjing SmartVision Electronics Co., Ltd. LCoS Chips Product and Services
9.12.4 Nanjing SmartVision Electronics Co., Ltd. LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)

+357 96 030922
info@marketpublishers.com

9.12.5 Nanjing SmartVision Electronics Co., Ltd. Recent Developments/Updates
9.12.6 Nanjing SmartVision Electronics Co., Ltd. Competitive Strengths & Weaknesses
9.13 Shenzhen Jingfan Optoelectronics Technology Co., Ltd.
9.13.1 Shenzhen Jingfan Optoelectronics Technology Co., Ltd. Details
9.13.2 Shenzhen Jingfan Optoelectronics Technology Co., Ltd. Major Business
9.13.3 Shenzhen Jingfan Optoelectronics Technology Co., Ltd. LCoS Chips Product and Services
9.13.4 Shenzhen Jingfan Optoelectronics Technology Co., Ltd. LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.13.5 Shenzhen Jingfan Optoelectronics Technology Co., Ltd. Recent Developments/Updates
9.13.6 Shenzhen Jingfan Optoelectronics Technology Co., Ltd. Competitive Strengths & Weaknesses
9.14 Chongqing Halation Seiko Materials Co., Ltd.
9.14.1 Chongqing Halation Seiko Materials Co., Ltd. Details
9.14.2 Chongqing Halation Seiko Materials Co., Ltd. Major Business
9.14.3 Chongqing Halation Seiko Materials Co., Ltd. LCoS Chips Product and Services
9.14.4 Chongqing Halation Seiko Materials Co., Ltd. LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.14.5 Chongqing Halation Seiko Materials Co., Ltd. Recent Developments/Updates
9.14.6 Chongqing Halation Seiko Materials Co., Ltd. Competitive Strengths & Weaknesses
9.15 Shanghai Huixinchen Industrial Co., Ltd.
9.15.1 Shanghai Huixinchen Industrial Co., Ltd. Details
9.15.2 Shanghai Huixinchen Industrial Co., Ltd. Major Business
9.15.3 Shanghai Huixinchen Industrial Co., Ltd. LCoS Chips Product and Services
9.15.4 Shanghai Huixinchen Industrial Co., Ltd. LCoS Chips Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.15.5 Shanghai Huixinchen Industrial Co., Ltd. Recent Developments/Updates
9.15.6 Shanghai Huixinchen Industrial Co., Ltd. Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 LCoS Chips Industry Chain
10.2 LCoS Chips Upstream Analysis
10.2.1 LCoS Chips Core Raw Materials
10.2.2 Main Manufacturers of LCoS Chips Core Raw Materials
10.3 Midstream Analysis
10.4 Downstream Analysis
10.5 LCoS Chips Production Mode

+357 96 030922
info@marketpublishers.com

10.6 LCoS Chips Procurement Model
10.7 LCoS Chips Industry Sales Model and Sales Channels
10.7.1 LCoS Chips Sales Model
10.7.2 LCoS Chips Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX
12.1 Methodology
12.2 Research Process and Data Source
12.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. World LCoS Chips Production Value by Region (2021, 2025 and 2032) & (USD Million)
Table 2. World LCoS Chips Production Value by Region (2021-2026) & (USD Million)
Table 3. World LCoS Chips Production Value by Region (2027-2032) & (USD Million)
Table 4. World LCoS Chips Production Value Market Share by Region (2021-2026)
Table 5. World LCoS Chips Production Value Market Share by Region (2027-2032)
Table 6. World LCoS Chips Production by Region (2021-2026) & (K Pcs)
Table 7. World LCoS Chips Production by Region (2027-2032) & (K Pcs)
Table 8. World LCoS Chips Production Market Share by Region (2021-2026)
Table 9. World LCoS Chips Production Market Share by Region (2027-2032)
Table 10. World LCoS Chips Average Price by Region (2021-2026) & (US$/Pcs)
Table 11. World LCoS Chips Average Price by Region (2027-2032) & (US$/Pcs)
Table 12. LCoS Chips Major Market Trends
Table 13. World LCoS Chips Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Pcs)
Table 14. World LCoS Chips Consumption by Region (2021-2026) & (K Pcs)
Table 15. World LCoS Chips Consumption Forecast by Region (2027-2032) & (K Pcs)
Table 16. World LCoS Chips Production Value by Manufacturer (2021-2026) & (USD Million)
Table 17. Production Value Market Share of Key LCoS Chips Producers in 2025
Table 18. World LCoS Chips Production by Manufacturer (2021-2026) & (K Pcs)
Table 19. Production Market Share of Key LCoS Chips Producers in 2025
Table 20. World LCoS Chips Average Price by Manufacturer (2021-2026) & (US$/Pcs)
Table 21. Global LCoS Chips Company Evaluation Quadrant
Table 22. World LCoS Chips Industry Rank of Major Manufacturers, Based on Production Value in 2025
Table 23. Head Office and LCoS Chips Production Site of Key Manufacturer
Table 24. LCoS Chips Market: Company Product Type Footprint
Table 25. LCoS Chips Market: Company Product Application Footprint
Table 26. LCoS Chips Competitive Factors
Table 27. LCoS Chips New Entrant and Capacity Expansion Plans
Table 28. LCoS Chips Mergers & Acquisitions Activity
Table 29. United States VS China LCoS Chips Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China LCoS Chips Production Comparison, (2021 & 2025 &

+357 96 030922
info@marketpublishers.com

2032) & (K Pcs)
Table 31. United States VS China LCoS Chips Consumption Comparison, (2021 & 2025 & 2032) & (K Pcs)
Table 32. United States Based LCoS Chips Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers LCoS Chips Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers LCoS Chips Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers LCoS Chips Production (2021-2026) & (K Pcs)
Table 36. United States Based Manufacturers LCoS Chips Production Market Share (2021-2026)
Table 37. China Based LCoS Chips Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers LCoS Chips Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers LCoS Chips Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers LCoS Chips Production, (2021-2026) & (K Pcs)
Table 41. China Based Manufacturers LCoS Chips Production Market Share (2021-2026)
Table 42. Rest of World Based LCoS Chips Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers LCoS Chips Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers LCoS Chips Production Value Market Share (2021-2026)
Table 45. Rest of World Based Manufacturers LCoS Chips Production, (2021-2026) & (K Pcs)
Table 46. Rest of World Based Manufacturers LCoS Chips Production Market Share (2021-2026)
Table 47. World LCoS Chips Production Value by Type, (USD Million), 2021 & 2025 & 2032
Table 48. World LCoS Chips Production by Type (2021-2026) & (K Pcs)
Table 49. World LCoS Chips Production by Type (2027-2032) & (K Pcs)
Table 50. World LCoS Chips Production Value by Type (2021-2026) & (USD Million)
Table 51. World LCoS Chips Production Value by Type (2027-2032) & (USD Million)
Table 52. World LCoS Chips Average Price by Type (2021-2026) & (US$/Pcs)

+357 96 030922
info@marketpublishers.com

Table 53. World LCoS Chips Average Price by Type (2027-2032) & (US$/Pcs)
Table 54. World LCoS Chips Production Value by Display Diagonal, (USD Million), 2021 & 2025 & 2032
Table 55. World LCoS Chips Production by Display Diagonal (2021-2026) & (K Pcs)
Table 56. World LCoS Chips Production by Display Diagonal (2027-2032) & (K Pcs)
Table 57. World LCoS Chips Production Value by Display Diagonal (2021-2026) & (USD Million)
Table 58. World LCoS Chips Production Value by Display Diagonal (2027-2032) & (USD Million)
Table 59. World LCoS Chips Average Price by Display Diagonal (2021-2026) & (US$/Pcs)
Table 60. World LCoS Chips Average Price by Display Diagonal (2027-2032) & (US$/Pcs)
Table 61. World LCoS Chips Production Value by Color Generation Architecture, (USD Million), 2021 & 2025 & 2032
Table 62. World LCoS Chips Production by Color Generation Architecture (2021-2026) & (K Pcs)
Table 63. World LCoS Chips Production by Color Generation Architecture (2027-2032) & (K Pcs)
Table 64. World LCoS Chips Production Value by Color Generation Architecture (2021-2026) & (USD Million)
Table 65. World LCoS Chips Production Value by Color Generation Architecture (2027-2032) & (USD Million)
Table 66. World LCoS Chips Average Price by Color Generation Architecture (2021-2026) & (US$/Pcs)
Table 67. World LCoS Chips Average Price by Color Generation Architecture (2027-2032) & (US$/Pcs)
Table 68. World LCoS Chips Production Value by Application, (USD Million), 2021 & 2025 & 2032
Table 69. World LCoS Chips Production by Application (2021-2026) & (K Pcs)
Table 70. World LCoS Chips Production by Application (2027-2032) & (K Pcs)
Table 71. World LCoS Chips Production Value by Application (2021-2026) & (USD Million)
Table 72. World LCoS Chips Production Value by Application (2027-2032) & (USD Million)
Table 73. World LCoS Chips Average Price by Application (2021-2026) & (US$/Pcs)
Table 74. World LCoS Chips Average Price by Application (2027-2032) & (US$/Pcs)
Table 75. Sony Semiconductor Solutions Corporation Basic Information, Manufacturing Base and Competitors

+357 96 030922
info@marketpublishers.com

Table 76. Sony Semiconductor Solutions Corporation Major Business
Table 77. Sony Semiconductor Solutions Corporation LCoS Chips Product and Services
Table 78. Sony Semiconductor Solutions Corporation LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 79. Sony Semiconductor Solutions Corporation Recent Developments/Updates
Table 80. Sony Semiconductor Solutions Corporation Competitive Strengths & Weaknesses
Table 81. JVCKENWOOD Corporation Basic Information, Manufacturing Base and Competitors
Table 82. JVCKENWOOD Corporation Major Business
Table 83. JVCKENWOOD Corporation LCoS Chips Product and Services
Table 84. JVCKENWOOD Corporation LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. JVCKENWOOD Corporation Recent Developments/Updates
Table 86. JVCKENWOOD Corporation Competitive Strengths & Weaknesses
Table 87. Himax Display, Inc. Basic Information, Manufacturing Base and Competitors
Table 88. Himax Display, Inc. Major Business
Table 89. Himax Display, Inc. LCoS Chips Product and Services
Table 90. Himax Display, Inc. LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. Himax Display, Inc. Recent Developments/Updates
Table 92. Himax Display, Inc. Competitive Strengths & Weaknesses
Table 93. Kopin Corporation Basic Information, Manufacturing Base and Competitors
Table 94. Kopin Corporation Major Business
Table 95. Kopin Corporation LCoS Chips Product and Services
Table 96. Kopin Corporation LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Kopin Corporation Recent Developments/Updates
Table 98. Kopin Corporation Competitive Strengths & Weaknesses
Table 99. RAONTECH Inc. Basic Information, Manufacturing Base and Competitors
Table 100. RAONTECH Inc. Major Business
Table 101. RAONTECH Inc. LCoS Chips Product and Services
Table 102. RAONTECH Inc. LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. RAONTECH Inc. Recent Developments/Updates
Table 104. RAONTECH Inc. Competitive Strengths & Weaknesses
Table 105. HOLOEYE Photonics AG Basic Information, Manufacturing Base and

+357 96 030922
info@marketpublishers.com

Competitors
Table 106. HOLOEYE Photonics AG Major Business
Table 107. HOLOEYE Photonics AG LCoS Chips Product and Services
Table 108. HOLOEYE Photonics AG LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. HOLOEYE Photonics AG Recent Developments/Updates
Table 110. HOLOEYE Photonics AG Competitive Strengths & Weaknesses
Table 111. OMNIVISION Technologies, Inc. Basic Information, Manufacturing Base and Competitors
Table 112. OMNIVISION Technologies, Inc. Major Business
Table 113. OMNIVISION Technologies, Inc. LCoS Chips Product and Services
Table 114. OMNIVISION Technologies, Inc. LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. OMNIVISION Technologies, Inc. Recent Developments/Updates
Table 116. OMNIVISION Technologies, Inc. Competitive Strengths & Weaknesses
Table 117. Silicon Micro Display, Inc. Basic Information, Manufacturing Base and Competitors
Table 118. Silicon Micro Display, Inc. Major Business
Table 119. Silicon Micro Display, Inc. LCoS Chips Product and Services
Table 120. Silicon Micro Display, Inc. LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. Silicon Micro Display, Inc. Recent Developments/Updates
Table 122. Silicon Micro Display, Inc. Competitive Strengths & Weaknesses
Table 123. MAY Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 124. MAY Co., Ltd. Major Business
Table 125. MAY Co., Ltd. LCoS Chips Product and Services
Table 126. MAY Co., Ltd. LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. MAY Co., Ltd. Recent Developments/Updates
Table 128. MAY Co., Ltd. Competitive Strengths & Weaknesses
Table 129. CITIZEN FINEDEVICE CO., LTD. Basic Information, Manufacturing Base and Competitors
Table 130. CITIZEN FINEDEVICE CO., LTD. Major Business
Table 131. CITIZEN FINEDEVICE CO., LTD. LCoS Chips Product and Services
Table 132. CITIZEN FINEDEVICE CO., LTD. LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. CITIZEN FINEDEVICE CO., LTD. Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

Table 134. CITIZEN FINEDEVICE CO., LTD. Competitive Strengths & Weaknesses
Table 135. Syndiant(XDMicro) Basic Information, Manufacturing Base and Competitors
Table 136. Syndiant(XDMicro) Major Business
Table 137. Syndiant(XDMicro) LCoS Chips Product and Services
Table 138. Syndiant(XDMicro) LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 139. Syndiant(XDMicro) Recent Developments/Updates
Table 140. Syndiant(XDMicro) Competitive Strengths & Weaknesses
Table 141. Nanjing SmartVision Electronics Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 142. Nanjing SmartVision Electronics Co., Ltd. Major Business
Table 143. Nanjing SmartVision Electronics Co., Ltd. LCoS Chips Product and Services
Table 144. Nanjing SmartVision Electronics Co., Ltd. LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 145. Nanjing SmartVision Electronics Co., Ltd. Recent Developments/Updates
Table 146. Nanjing SmartVision Electronics Co., Ltd. Competitive Strengths & Weaknesses
Table 147. Shenzhen Jingfan Optoelectronics Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 148. Shenzhen Jingfan Optoelectronics Technology Co., Ltd. Major Business
Table 149. Shenzhen Jingfan Optoelectronics Technology Co., Ltd. LCoS Chips Product and Services
Table 150. Shenzhen Jingfan Optoelectronics Technology Co., Ltd. LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 151. Shenzhen Jingfan Optoelectronics Technology Co., Ltd. Recent Developments/Updates
Table 152. Shenzhen Jingfan Optoelectronics Technology Co., Ltd. Competitive Strengths & Weaknesses
Table 153. Chongqing Halation Seiko Materials Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 154. Chongqing Halation Seiko Materials Co., Ltd. Major Business
Table 155. Chongqing Halation Seiko Materials Co., Ltd. LCoS Chips Product and Services
Table 156. Chongqing Halation Seiko Materials Co., Ltd. LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 157. Chongqing Halation Seiko Materials Co., Ltd. Recent

+357 96 030922
info@marketpublishers.com

Developments/Updates
Table 158. Chongqing Halation Seiko Materials Co., Ltd. Competitive Strengths & Weaknesses
Table 159. Shanghai Huixinchen Industrial Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 160. Shanghai Huixinchen Industrial Co., Ltd. Major Business
Table 161. Shanghai Huixinchen Industrial Co., Ltd. LCoS Chips Product and Services
Table 162. Shanghai Huixinchen Industrial Co., Ltd. LCoS Chips Production (K Pcs), Price (US$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 163. Shanghai Huixinchen Industrial Co., Ltd. Recent Developments/Updates
Table 164. Shanghai Huixinchen Industrial Co., Ltd. Competitive Strengths & Weaknesses
Table 165. Global Key Players of LCoS Chips Upstream (Raw Materials)
Table 166. Global LCoS Chips Typical Customers
Table 167. LCoS Chips Typical Distributors

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. LCoS Chips Picture
Figure 2. World LCoS Chips Production Value: 2021 & 2025 & 2032, (USD Million)
Figure 3. World LCoS Chips Production Value and Forecast (2021-2032) & (USD Million)
Figure 4. World LCoS Chips Production (2021-2032) & (K Pcs)
Figure 5. World LCoS Chips Average Price (2021-2032) & (US$/Pcs)
Figure 6. World LCoS Chips Production Value Market Share by Region (2021-2032)
Figure 7. World LCoS Chips Production Market Share by Region (2021-2032)
Figure 8. North America LCoS Chips Production (2021-2032) & (K Pcs)
Figure 9. Europe LCoS Chips Production (2021-2032) & (K Pcs)
Figure 10. China LCoS Chips Production (2021-2032) & (K Pcs)
Figure 11. Japan LCoS Chips Production (2021-2032) & (K Pcs)
Figure 12. South Korea LCoS Chips Production (2021-2032) & (K Pcs)
Figure 13. LCoS Chips Market Drivers
Figure 14. Factors Affecting Demand
Figure 15. World LCoS Chips Consumption (2021-2032) & (K Pcs)
Figure 16. World LCoS Chips Consumption Market Share by Region (2021-2032)
Figure 17. United States LCoS Chips Consumption (2021-2032) & (K Pcs)
Figure 18. China LCoS Chips Consumption (2021-2032) & (K Pcs)
Figure 19. Europe LCoS Chips Consumption (2021-2032) & (K Pcs)
Figure 20. Japan LCoS Chips Consumption (2021-2032) & (K Pcs)
Figure 21. South Korea LCoS Chips Consumption (2021-2032) & (K Pcs)
Figure 22. ASEAN LCoS Chips Consumption (2021-2032) & (K Pcs)
Figure 23. India LCoS Chips Consumption (2021-2032) & (K Pcs)
Figure 24. Producer Shipments of LCoS Chips by Manufacturer Revenue ($MM) and Market Share (%): 2025
Figure 25. Global Four-firm Concentration Ratios (CR4) for LCoS Chips Markets in 2025
Figure 26. Global Four-firm Concentration Ratios (CR8) for LCoS Chips Markets in 2025
Figure 27. United States VS China: LCoS Chips Production Value Market Share Comparison (2021 & 2025 & 2032)
Figure 28. United States VS China: LCoS Chips Production Market Share Comparison (2021 & 2025 & 2032)
Figure 29. United States VS China: LCoS Chips Consumption Market Share

+357 96 030922
info@marketpublishers.com

Comparison (2021 & 2025 & 2032)
Figure 30. United States Based Manufacturers LCoS Chips Production Market Share 2025
Figure 31. China Based Manufacturers LCoS Chips Production Market Share 2025
Figure 32. Rest of World Based Manufacturers LCoS Chips Production Market Share 2025
Figure 33. World LCoS Chips Production Value by Type, (USD Million), 2021 & 2025 & 2032
Figure 34. World LCoS Chips Production Value Market Share by Type in 2025
Figure 35. Below HD
Figure 36. HD and WXGA
Figure 37. Full HD and WUXGA
Figure 38. 4K and Above
Figure 39. World LCoS Chips Production Market Share by Type (2021-2032)
Figure 40. World LCoS Chips Production Value Market Share by Type (2021-2032)
Figure 41. World LCoS Chips Average Price by Type (2021-2032) & (US$/Pcs)
Figure 42. World LCoS Chips Production Value by Display Diagonal, (USD Million), 2021 & 2025 & 2032
Figure 43. World LCoS Chips Production Value Market Share by Display Diagonal in 2025
Figure 44. Below 0.30 Inch
Figure 45. 0.30 To 0.49 Inch
Figure 46. 0.50 To 0.79 Inch
Figure 47. 0.80 Inch and Above
Figure 48. World LCoS Chips Production Market Share by Display Diagonal (2021-2032)
Figure 49. World LCoS Chips Production Value Market Share by Display Diagonal (2021-2032)
Figure 50. World LCoS Chips Average Price by Display Diagonal (2021-2032) & (US$/Pcs)
Figure 51. World LCoS Chips Production Value by Color Generation Architecture, (USD Million), 2021 & 2025 & 2032
Figure 52. World LCoS Chips Production Value Market Share by Color Generation Architecture in 2025
Figure 53. Color Filter LCoS
Figure 54. Field-Sequential Color LCoS
Figure 55. Monochrome LCoS
Figure 56. Others
Figure 57. World LCoS Chips Production Market Share by Color Generation

+357 96 030922
info@marketpublishers.com

Architecture (2021-2032)
Figure 58. World LCoS Chips Production Value Market Share by Color Generation Architecture (2021-2032)
Figure 59. World LCoS Chips Average Price by Color Generation Architecture (2021-2032) & (US$/Pcs)
Figure 60. World LCoS Chips Production Value by Application, (USD Million), 2021 & 2025 & 2032
Figure 61. World LCoS Chips Production Value Market Share by Application in 2025
Figure 62. In-vehicle Displays
Figure 63. AR, XR And Near-Eye Display
Figure 64. Projection Displays
Figure 65. Others
Figure 66. World LCoS Chips Production Market Share by Application (2021-2032)
Figure 67. World LCoS Chips Production Value Market Share by Application (2021-2032)
Figure 68. World LCoS Chips Average Price by Application (2021-2032) & (US$/Pcs)
Figure 69. LCoS Chips Industry Chain
Figure 70. LCoS Chips Procurement Model
Figure 71. LCoS Chips Sales Model
Figure 72. LCoS Chips Sales Channels, Direct Sales, and Distribution
Figure 73. Methodology
Figure 74. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global LCoS Chips Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/GB02B353A1CCEN.html

Price: US$ 4,480.00 (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/GB02B353A1CCEN.html