

# **Global Liquid Crystal on Silicon Display Market Size study, by Product (HUD, HMD, Projectors), by Application (Automotive, Consumer Electronics, Aviation & Military, Medical, Optical 3D Measurement) and Regional Forecasts 2018-2025**

<https://marketpublishers.com/r/GED55EBCBB3EN.html>

Date: March 2019

Pages: 200

Price: US\$ 2,568.00 (Single User License)

ID: GED55EBCBB3EN

## **Abstracts**

Global Liquid Crystal on Silicon Display Market to reach USD XX billion by 2025.

Global Liquid Crystal on Silicon Display Market valued approximately USD XX billion in 2017 is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2018-2025. The Liquid Crystal on Silicon Display Market is continuously growing across the world over the coming years. The Liquid Crystal on silicon (LCoS) is mainly a reflective active matrix liquid crystal display. The Liquid crystal on silicon (LCoS) is generally termed as micro-display owing to its miniature size which is built utilizing liquid crystal layer on top of a silicon backplane. The LCoS was initially was developed for the purpose of projection in the Televisions but in the present scenario it has wider applications in the electronics sector as it is used in near eye displays, wavelength selective switching and optical pulse shaping. Technology superiority & open technology platform and availability of wide range capabilities are the substantial drivers of the market across the globe. Moreover, seasonal Boom Of Projector Market during Events which is likely to creating numerous opportunity in the near future. However, LCoS is costlier than competing technologies (LCD & DLP) are the factors which limiting the market growth of Liquid Crystal on Silicon Display across the world.

The regional analysis of Global Liquid Crystal on Silicon Display Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading/significant region across the world in terms of market share owing to presence of premium LCoS in the consumer electronics,

military and aerospace in the region. Europe is estimated to grow at higher rate in the global Liquid Crystal on Silicon Display market over the upcoming years. Asia-Pacific is also anticipated to exhibit higher growth rate / CAGR over the forecast period 2018-2025 due to high demand of projector and consumer electronics in the region.

The major market player included in this report are:

3M

Himax Display Inc.

Canon Inc.

JVC Kenwood Corporation

Pioneer Corporation

Microvision Inc.

Sony Corporation

LG Electronics

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

HUD

HMD

Projectors

By Application:

Automotive

Consumer Electronics

Aviation & Military

Medical

Optical 3D Measurement

By Regions:

North America

U.S.

Canada

Europe

UK

Germany

Asia Pacific

China

India

Japan

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2015, 2016

Base year – 2017

Forecast period – 2018 to 2025

Target Audience of the Global Liquid Crystal on Silicon Display Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Key Trends
- 1.3. Global & Segmental Market Estimates & Forecasts, 2015-2025 (USD Billion)
  - 1.3.1. Liquid Crystal on Silicon Display Market, by Product, 2015-2025 (USD Billion)
  - 1.3.2. Liquid Crystal on Silicon Display Market, by Application, 2015-2025 (USD Billion)
  - 1.3.3. Liquid Crystal on Silicon Display Market, by Region, 2015-2025 (USD Billion)
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. LIQUID CRYSTAL ON SILICON DISPLAY MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Industry Evolution
  - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. LIQUID CRYSTAL ON SILICON DISPLAY MARKET DYNAMICS**

- 3.1. See Saw Analysis
  - 3.1.1. Market Drivers
  - 3.1.2. Market Challenges
  - 3.1.3. Market Opportunities

### **CHAPTER 4. LIQUID CRYSTAL ON SILICON DISPLAY MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Buyers
  - 4.1.2. Bargaining Power of Suppliers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes

- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.2. PEST Analysis
  - 4.2.1. Political Scenario
  - 4.2.2. Economic Scenario
  - 4.2.3. Social Scenario
  - 4.2.4. Technological Scenario
- 4.3. Value Chain Analysis
  - 4.3.1. Supplier
  - 4.3.2. Manufacturers/Service Provider
  - 4.3.3. Distributors
  - 4.3.4. Applications
- 4.4. Key Buying Criteria
- 4.5. Regulatory Framework
- 4.6. Cost Structure Analysis
  - 4.6.1. Raw Material Cost Analysis
  - 4.6.2. Manufacturing Cost Analysis
  - 4.6.3. Labour Cost Analysis
- 4.7. Investment Vs Adoption Scenario
- 4.8. Analyst Recommendation & Conclusion

## **CHAPTER 5. LIQUID CRYSTAL ON SILICON DISPLAY MARKET, BY PRODUCT**

- 5.1. Market Snapshot
- 5.2. Market Performance - Potential Model
- 5.3. Key Market Players
- 5.4. Liquid Crystal on Silicon Display Market, Sub Segment Analysis
  - 5.4.1. HUD
    - 5.4.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 5.4.1.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 5.4.2. HMD
    - 5.4.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 5.4.2.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 5.4.3. Projectors
    - 5.4.3.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 5.4.3.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)

## **CHAPTER 6. LIQUID CRYSTAL ON SILICON DISPLAY MARKET, BY APPLICATION**

- 6.1. Market Snapshot
- 6.2. Market Performance - Potential Model
- 6.3. Key Market Players
- 6.4. Liquid Crystal on Silicon Display Market, Sub Segment Analysis
  - 6.4.1. Automotive
    - 6.4.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 6.4.1.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 6.4.2. Consumer Electronics
    - 6.4.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 6.4.2.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 6.4.3. Aviation & Military
    - 6.4.3.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 6.4.3.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 6.4.4. Medical
    - 6.4.4.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 6.4.4.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 6.4.5. Optical 3D Measurement
    - 6.4.5.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 6.4.5.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)

## **CHAPTER 7. LIQUID CRYSTAL ON SILICON DISPLAY MARKET, BY REGIONAL ANALYSIS**

- 7.1. Liquid Crystal on Silicon Display Market, Regional Market Snapshot (2015-2025)
- 7.2. North America Liquid Crystal on Silicon Display Market Snapshot
  - 7.2.1. U.S.
    - 7.2.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 7.2.1.2. Product breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 7.2.1.3. Application breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 7.2.2. Canada
    - 7.2.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 7.2.2.2. Product breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 7.2.2.3. Application breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 7.3. Europe Liquid Crystal on Silicon Display Market Snapshot
  - 7.3.1. U.K.
    - 7.3.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 7.3.1.2. Product breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 7.3.1.3. Application breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 7.3.2. Germany

- 7.3.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
- 7.3.2.2. Product breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 7.3.2.3. Application breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 7.3.3. France
  - 7.3.3.1. Market estimates & forecasts, 2015-2025 (USD Billion)
  - 7.3.3.2. Product breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 7.3.3.3. Application breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 7.3.4. Rest of Europe
  - 7.3.4.1. Market estimates & forecasts, 2015-2025 (USD Billion)
  - 7.3.4.2. Product breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 7.3.4.3. Application breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 7.4. Asia Liquid Crystal on Silicon Display Market Snapshot
  - 7.4.1. China
    - 7.4.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 7.4.1.2. Product breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 7.4.1.3. Application breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 7.4.2. India
    - 7.4.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 7.4.2.2. Product breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 7.4.2.3. Application breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 7.4.3. Japan
    - 7.4.3.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 7.4.3.2. Product breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 7.4.3.3. Application breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 7.4.4. Rest of Asia Pacific
    - 7.4.4.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 7.4.4.2. Product breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 7.4.4.3. Application breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 7.5. Latin America Liquid Crystal on Silicon Display Market Snapshot
  - 7.5.1. Brazil
    - 7.5.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 7.5.1.2. Product breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 7.5.1.3. Application breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 7.5.2. Mexico
    - 7.5.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 7.5.2.2. Product breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 7.5.2.3. Application breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 7.6. Rest of The World
  - 7.6.1. South America



- 7.6.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
- 7.6.1.2. Product breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 7.6.1.3. Application breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 7.6.2. Middle East and Africa
  - 7.6.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
  - 7.6.2.2. Product breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 7.6.2.3. Application breakdown estimates & forecasts, 2015-2025 (USD Billion)

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Company Market Share (Subject to Data Availability)
- 8.2. Top Market Strategies
- 8.3. Company Profiles
  - 8.3.1. 3M
    - 8.3.1.1. Overview
    - 8.3.1.2. Financial (Subject to Data Availability)
    - 8.3.1.3. Summary
    - 8.3.1.4. Recent Developments
  - 8.3.2. Himax Display Inc.
  - 8.3.3. Canon Inc.
  - 8.3.4. JVC Kenwood Corporation
  - 8.3.5. Pioneer Corporation
  - 8.3.6. Microvision Inc.
  - 8.3.7. Sony Corporation
  - 8.3.8. LG Electronics

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
  - 9.1.6. Research Assumption

## I would like to order

Product name: Global Liquid Crystal on Silicon Display Market Size study, by Product (HUD, HMD, Projectors), by Application (Automotive, Consumer Electronics, Aviation & Military, Medical, Optical 3D Measurement) and Regional Forecasts 2018-2025

Product link: <https://marketpublishers.com/r/GED55EBCBB3EN.html>

Price: US\$ 2,568.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GED55EBCBB3EN.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