

# Global Ferroelectric Liquid Crystal Display Market Research and Forecast 2018-2023

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## Abstracts

Ferroelectric liquid crystal display (FLCD) is the display technology that uses the ferroelectric properties of chiral smectic liquid crystals, the display technology is used to make displays with high resolution and smaller in size. The displays can be used in wide range of industry verticals such as entertainment, education, art and aerospace. The rising demand for energy efficient and high resolution displays which is smaller in size are the major driving factor of the technology. The adoption of the technology in various industries by using the concept of ferroelectric liquid crystal on silicon is another factor propelling the growth of the market. The display offers wide viewing angle making it useful in television sets is the most opportunity segment for the FLCD. The display is highly sensitive to shock and vibration making it very fragile, hence mobility becomes a challenge which hinders the growth of market. The higher cost of the display also restrains the growth of market. The Adoption of ferroelectric liquid crystal on silicon technologies will create opportunity for growth as it will reduce the cost of the displays, moreover the research and development in the field of displays will also help to propel the market.

The market is divided into North America, Europe, Asia Pacific and Rest of the World geographically. The Asia pacific region is expected to grow significantly in the forecasted period due to the presence of large number of companies in China and Japan. The rapid adoption of micro displays in various fields such as defense, aerospace, entertainment in the North American region makes it the market leader, moreover the region encompasses a large number of established companies. The Europe region follows North America and holds the second position in market of global ferroelectric liquid crystal displays.

The company engaged in FLCD market manufactures micro displays which is used in

head mounted displays, electronic view finders, binoculars and so on. These displays find its application in various places where high resolution with smaller display size is required. The organization also manufacture ferroelectric liquid crystal on silicon, the device being used rapidly in various fields due to its cost consideration and time response. The prominent players in market are AU Optronics Corp, Avegant Corp., BAE Systems, DisplayMate Technologies Corporation, Fujitsu, HannStar Display Corporation, Himax Technologies, Inc., LG Display, Miyota development center of America. Inc, NEC Display Solutions, Recon Instruments, Rockwell Collins, Samsung Electronics and so on.

## RESEARCH METHODOLOGY

The market study of Global Ferroelectric liquid crystal display market is incorporated by extensive primary and secondary research conducted by research team at OMR. Secondary research has been conducted to refine the available data to breakdown the market in various segments, derive total market size, market forecast and growth rate. Different approaches have been worked on to derive the market value and market growth rate. Our team collects facts and data related to the market from different geography to provide a better regional outlook. In the report country level analysis is provided by analyzing various regional players, regional tax laws and policies, consumer behavior and macro-economic factors. Numbers extracted from Secondary research have been authenticated by conducting proper primary research. It includes tracking down key people from the industry and interviewing them to validate the data. This enables our analyst to derive the closest possible figures without any major deviations in the actual number. Our analysts try to contact as many executives, managers, key opinion leaders and industry experts. Primary research brings the authenticity in our reports.

Secondary sources include:

Financial reports of companies involved in the market  
Authentic Public Databases (org, gov and other such websites)  
Whitepapers, research-papers and news blogs  
Company websites and their product catalogue.

The Report is intended for display manufacturer, Emerging companies and researchers in the market, Investing companies, Government Organizations for overall market analysis and competitive analysis. The report provides in-depth analysis on market size, growth opportunity in market, product types. The report will serve as a source for

360-degree analysis of the market thoroughly integrating different models such as PEST analysis, Porter five analysis delivering insights into the market for better business decisions.

### **MARKET SEGMENTATION:**

Global Ferroelectric liquid crystal display Market is segmented on the basis of various regions and below mentioned segments:

Global Ferroelectric liquid crystal display Market Research and Analysis, By End user products

Global Ferroelectric liquid crystal display Market Research and Analysis, By Industry verticals

### **THE REPORT COVERS:**

Comprehensive research methodology of Global Ferroelectric liquid crystal display market

This report also includes detailed and extensive market overview with key analyst insights.

Exhaustive analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the Global Ferroelectric liquid crystal display

Insights about market determinants which are stimulating the Global Ferroelectric liquid crystal display

Detailed and extensive market segments with regional distribution of forecasted revenues.

Extensive profiles and recent developments of market players.

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2. AVEGANT CORP.,
3. BAE SYSTEMS
4. DISPLAYMATE TECHNOLOGIES CORPORATION
5. FUJITSU
6. HANNSTAR DISPLAY CORPORATION,
7. HIMAX TECHNOLOGIES, INC.
8. LG DISPLAY
9. MIYOTA DEVELOPMENT CENTER OF AMERICA. INC
10. NEC DISPLAY SOLUTIONS
11. RECON INSTRUMENTS
12. ROCKWELL COLLINS
13. SAMSUNG ELECTRONICS
14. SEMEX
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