

Global Liquid Crystal on Silicon (LCoS) market (2013-2018) by Application (Consumer electronics, Automotive, Aviation, Military, Optical 3D measurement, Medical), Product (Projectors, HUD & HMD) and Geography (North America, Europe, APAC & ROW)

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Abstracts

Global LCoS market has been analyzed both quantitatively and qualitatively in this report. Quantitative analysis includes revenues of the LCoS market across different geographies, applications and products. Qualitative analysis explains the overview of the market and includes factors like Porter's five force model, market definition, application analysis and market dynamics. Detailed discussion on drivers, restraints and opportunities are also covered in the report.

Liquid Crystal on Silicon is a new emerging display technology. The LCoS technology provides images with highest quality, resolution and contrast ratios. The starting points of the LCoS are LED and OLED technologies. The LCoS based products deliver more precise and higher quality results than the LCD and DLP. The major products based on this technology are Full frame projectors, HMDs (Head Mounted Display), HUDs (Head Up Display), Microscopy SLM and many more. The projector market has applications in the education sector, business sector and home theatre projectors.

India, Russia, Mexico and Indonesia are the major countries using projectors in the Education sector. The HMD is majorly used in the defense for training simulations; however its application base is expanding to include gaming, research, sports, medicine and video applications. The HUD, the projectors are used in the aircraft, automotive industry as well as for simulated training purposes.

The report highlights the technologies like Ferroelectrics (F-LCoS), Nematics LCoS (NLC) and Wavelength Select Switching (WSS) and their future scope in the market. The This Markets can be categorized into different applications like Consumer Electronics, Military, automotive, Aviation and others.

The report describes the market trends, drivers and challenges of the Global LCoS market and forecast the market from 2013 to 2018 based on the products, applications and geography.

The four major geographical regions covered in this report are North America, Europe, APAC and Rest of the World (ROW). The report provides the detailed analysis of the current and the future trends of the market with respect to these regions. North America is the largest market for LCoS based applications and products. Europe stands second as a market and APAC is growing at the fastest rate.

The report also discusses major companies of different value chain of the LCoS market. The description, products & services offered, financials (only listed companies), strategy and developments are discussed for the companies profiles in the report. The major companies involved in the “Liquid Crystal on Silicon” market are JVC Kenwood Corporation (Japan), Cannon Inc. (Japan), Syndiant (U.S.), Sony Corporation (Japan), 3M (U.S.), Himax Display Inc. (Taiwan), Holoe Systems Inc. (U.S.), LG Electronics (South Korea), Pioneer Corporation (Japan), Microvision Inc. (U.S.) etc.

Key Take-Aways

Impact analysis of the LCoS technology market dynamics, which describes factors currently driving and restraining the growth of the market as well as their impact in the long run

Opportunities and innovation-driven market highlights, R&D trends, and the major regions and countries involved in such developments

Burning issues and winning imperatives of the LCoS market

Analysis of the various applications of the LCoS market and market dynamics of each application

Identifying segments with high growth potential; also understanding the future

application segments

Key trends related to the product technology, prices, and applications that shape and influence the LCoS market

Region-specific developments and peculiarities

The major stakeholders in the market and competitive landscape for the market leaders

Analysis of the key growth strategies of leading players in the LCoS market

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