

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 onthis 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), Holoeye 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



Contents

1 INTRODUCTION

- 1.1 KEY TAKE-AWAYS
- 1.2 REPORT DESCRIPTION
- 1.3 MARKETS COVERED
 - 1.3.1 PRODUCT SEGMENT
 - 1.3.2 TECHNOLOGY
 - 1.3.3 APPLICATIONS
 - 1.3.4 GEOGRAPHY
- 1.4 STAKEHOLDERS
- 1.5 RESEARCH METHODOLOGY
 - 1.5.1 MARKET SIZE
 - 1.5.2 KEY DATA POINTS FROM SECONDARY SOURCES
 - 1.5.3 KEY DATA POINTS FROM PRIMARY SOURCES
 - 1.5.4 ASSUMPTIONS MADE
- 1.5.5 LIST OF COMPANIES COVERED DURING THE REPORT

2 EXECUTIVE SUMMARY

3 MARKET OVERVIEW

- 3.1 INTRODUCTION
- 3.2 MARKET DEFINITION
- 3.3 TECHNOLOGIES, STANDARDS & TRENDS
- 3.4 PORTER'S FIVE FORCES MODEL
 - 3.4.1 THREAT FROM NEW ENTRANTS
 - 3.4.2 THREAT FROM SUBSTITUTES
 - 3.4.3 BARGAINING POWER OF SUPPLIERS
 - 3.4.4 BARGAINING POWER OF CUSTOMERS
 - 3.4.5 DEGREE OF COMPETITION
- 3.5 APPLICATION ANALYSIS OF LIQUID CRYSTAL ON SILICON TECHNOLOGY
- 3.6 MARKET DYNAMICS
 - **3.6.1 DRIVERS**
 - 3.6.1.1 Technology superiority
 - 3.6.1.2 Open technology platform
 - 3.6.1.3 Wide range compatibility
 - 3.6.2 RESTRAINTS



- 3.6.2.1 Costlier than competing technologies (LCD & DLP)
- 3.6.2.2 Fewer players than in competing technologies (LCD & DLP)
- 3.6.3 OPPORTUNITIES
 - 3.6.3.1 Seasonal boom of projector market during events
- 3.6.4 WINNING IMPERATIVES
 - 3.6.4.1 Rapid growth of embedded Pico projectors in consumer electronics

4 GLOBAL LIQUID CRYSTAL ON SILICON MARKET, BY PRODUCTS

- 4.1 OVERVIEW
- **4.2 PROJECTORS**
 - 4.2.1 DIFFERENT PROJECTOR TECHNOLOGIES
 - 4.2.1.1 LCD projectors
 - 4.2.1.2 DLP Projectors
 - 4.2.1.3 LCoS Projectors
- 4.2.2 ADVANTAGES & DISADVANTAGES OF DIFFERENT PROJECTOR

TECHNOLOGIES

- 4.3 HEAD-UP DISPLAY (HUD)
 - 4.3.1 PREMIUM/LUXURY CARS
 - 4.3.2 SPORTS CARS
 - 4.3.3 MID-SEGMENT CARS
 - 4.3.3.1 Mid-Segment cars: The next big thing for automotive HUDs
- 4.4 HEAD MOUNT DISPLAY (HMD)
 - 4.4.1 APPLICATIONS LIFECYCLE OF HMDS
- 4.5 OTHERS

5 GLOBAL LIQUID CRYSTAL ON SILICON MARKET, BY TECHNOLOGY

- 5.1 OVERVIEW
 - 5.1.1 LIQUID CRYSTAL ON SILICON TECHNOLOGY ASSESSMENT
- 5.2 FERROELECTRICS (F-LCOS)
- 5.3 NEMATICS LCOS (NLC)
- 5.4 WAVELENGTH SELECTIVE SWITCHING (WSS)

6 GLOBAL LIQUID CRYSTAL ON SILICON MARKET, BY APPLICAITON

- **6.1 INTRODUCTION**
- **6.2 CONSUMER ELECTRONICS**
 - 6.2.1 CONSUMER ELECTRONICS: LEADING REVENUE GENERATOR IN 2018



6.2.2 LCOS BASED PROJECTORS

- 6.2.2.1 Educational & Pico projectors will boost the market
- 6.2.3 HMD BASED CONSUMER ELECTRONICS
- **6.3 AUTOMOTIVE**
 - 6.3.1 HUD IN CARS
- **6.4 AVIATION**
 - 6.4.1 HUD IN AVIATION
 - 6.4.2 HMD BASED TRAINING & SIMULATION
- 6.5 MILITARY
 - 6.5.1 HUD IN MILITARY
 - 6.5.2 HMD IN MILITARY
- 6.6 OPTICAL 3D MEASUREMENT
- 6.7 MEDICAL
- 6.8 OTHERS
 - 6.8.1 HUD BASED LCOS SOLUTIONS
 - 6.8.2 HMD BASED LCOS SOLUTIONS
 - 6.8.2.1 Fire fighting
 - 6.8.2.2 Sports
 - 6.8.2.3 Industrial/engineering
 - 6.8.2.4 Augmented reality

7 GLOBAL LIQUID CRYSTAL ON SILICON MARKET, BY GEOGRAPHIC ANALYSIS

- 7.1 INTRODUCTION
- 7.2 NORTH AMERICA
 - 7.2.1 U.S.
 - 7.2.2 CANADA
 - **7.2.3 MEXICO**
- 7.3 EUROPE
 - 7.3.1 GERMANY
 - 7.3.2 U.K.
 - **7.3.3 FRANCE**
 - 7.3.4 ITALY
- 7.4 APAC
 - 7.4.1 AUSTRALIA
 - 7.4.2 CHINA & TAIWAN
 - **7.4.3 JAPAN**
 - 7.4.4 SOUTH KOREA
 - 7.4.5 INDIA



7.4.6 OTHERS

7.5 ROW

7.5.1 MIDDLE EAST

7.5.2 AFRICA

7.5.3 OTHERS

8 COMPETITIVE LANDSCAPE

8.1 KEY GROWTH STRATEGIES

- 8.1.1 PRODUCT LAUNCH: A MAJOR GROWTH STRATEGY IN LCOS MARKET
 - 8.1.1.1 Analysis of new product launch/development
 - 8.1.1.2 Analysis of mergers & acquisitions
 - 8.1.1.3 Analysis of partnerships/agreements/strategic alliance/collaboration
 - 8.1.1.4 Analysis of contracts

9 COMPANY PROFILES (OVERVIEW, FINANCIALS, PRODUCTS & SERVICES, STRATEGY, AND DEVELOPMENTS)

- 9.1 3M
- 9.2 AAXA TECHNOLOGIES
- 9.3 BARCO NV
- 9.4 CANON INC.
- 9.5 CITIZEN FINETECH MIYOTA CO., LTD.
- 9.6 FORTH DIMENSION DISPLAYS LTD.
- 9.7 GUANGZHOU WEIJIE ELECTRONIC TECHNOLOGY CO. LTD.
- 9.8 HIMAX DISPLAY INC.
- 9.9 HITACHI LTD.
- 9.10 HOLOEYE SYSTEMS INC.
- 9.11 JVC KENWOOD CORPORATION
- 9.12 LG ELECTRONICS INC.
- 9.13 MICROVISION INC.
- 9.14 PIONEER CORPORATION
- 9.15 SHENZHEN COOLUX SCIENCE & TECHNOLOGY CO., LTD
- 9.16 SILICONMICRODISPLAY INC.
- 9.17 SONY CORPORATION
- 9.18 SYNDIANT (Details on Overview, financials, product & services, strategy, and developments might not be captured in case of unlisted companies.)



List Of Tables

LIST OF TABLES

TABLE 1 MAJOR COMPANIES COVERED DURING THE REPORT
TABLE 2 GLOBAL LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY
PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 3 GLOBAL LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 4 GLOBAL LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY GEOGRAPHY, 2012 – 2018 (\$MILLION)

TABLE 5 LCOS PROJECTOR MARKET REVENUE, BY GEOGRAPHY, 2012 – 2018 (\$MILLION)

TABLE 6 NORTH AMERICA: LCOS MARKET REVENUE FOR PROJECTORS, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 7 EUROPE: LCOS MARKET REVENUE FOR PROJECTORS, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 8 APAC: LCOS MARKET REVENUE FOR PROJECTORS, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 9 ROW: LCOS MARKET REVENUE FOR PROJECTORS, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 10 THREE CHIP DLP ADVANTAGES V/S DISADVANTAGES

TABLE 11 SINGLE CHIP DLP (THEATRE) ADVANTAGES V/S DISADVANTAGES

TABLE 12 SINGLE CHIP DLP (BUSINESS) ADVANTAGES V/S DISADVANTAGES

TABLE 13 LCD TECHNOLOGY ADVANTAGES & DISADVANTAGES

TABLE 14 LCOS TECHNOLOGY ADVANTAGES & DISADVANTAGES

TABLE 15 GLOBAL LCOS HUD MARKET REVENUE, BY GEOGRAPHY, 2012 – 2018 (\$MILLION)

TABLE 16 NORTH AMERICA: LCOS MARKET REVENUE FOR HUD, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 17 EUROPE: LCOS MARKET REVENUE FOR HUD, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 18 APAC: LCOS MARKET REVENUE FOR HUD, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 19 ROW: LCOS MARKET REVENUE FOR HUD, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 20 GLOBAL LCOS HMD MARKET REVENUE, BY GEOGRAPHY, 2012 – 2018 (\$MILLION)

TABLE 21 NORTH AMERICA: LCOS MARKET REVENUE FOR HMD, BY COUNTRY,



2012 - 2018 (\$MILLION)

TABLE 22 EUROPE: LCOS MARKET REVENUE FOR HMD, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 23 APAC: LCOS MARKET REVENUE FOR HMD, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 24 ROW: LCOS MARKET REVENUE FOR HMD, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 25 CONSUMER ELECTRONICS APPLICATION MARKET REVENUE, BY GEOGRAPHY, 2012 – 2018 (\$MILLION)

TABLE 26 NORTH AMERICA: CONSUMER ELECTRONICS APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 27 EUROPE: CONSUMER ELECTRONICS APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 28 APAC: CONSUMER ELECTRONICS APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 29 ROW: CONSUMER ELECTRONICS APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 30 AUTOMOTIVE APPLICATION MARKET REVENUE, BY GEOGRAPHY, 2012 – 2018 (\$MILLION)

TABLE 31 NORTH AMERICA: AUTOMOTIVE APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 32 EUROPE: AUTOMOTIVE APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 33 APAC: AUTOMOTIVE APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 34 ROW: AUTOMOTIVE APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 35 AVIATION APPLICATION MARKET REVENUE, BY GEOGRAPHY, 2012 – 2018 (\$MILLION)

TABLE 36 NORTH AMERICA: AVIATION APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 37 EUROPE: AVIATION APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 38 APAC: AVIATION APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 39 ROW: AVIATION APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 40 MILITARY APPLICATION MARKET REVENUE, BY GEOGRAPHY, 2012 – 2018 (\$MILLION)



TABLE 41 NORTH AMERICA: MILITARY APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 42 EUROPE: MILITARY APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 43 APAC: MILITARY APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 44 ROW: MILITARY APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 45 OPTICAL 3D MEASUREMENT APPLICATION MARKET REVENUE, BY GEOGRAPHY, 2012 – 2018 (\$MILLION)

TABLE 46 NORTH AMERICA: OPTICAL 3D MEASUREMENT APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 47 EUROPE: OPTICAL 3D MEASUREMENT APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 48 APAC: OPTICAL 3D MEASUREMENT APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 49 ROW: OPTICAL 3D MEASUREMENT APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 50 MEDICAL APPLICATION MARKET REVENUE, BY GEOGRAPHY, 2012 – 2018 (\$MILLION)

TABLE 51 NORTH AMERICA: MEDICAL APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 52 EUROPE: MEDICAL APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 53 APAC: MEDICAL APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 54 ROW: MEDICAL APPLICATION MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 55 NORTH AMERICA: LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 56 NORTH AMERICA: LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 57 NORTH AMERICA: LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 58 U.S.: LCOS MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION) TABLE 59 U.S.: LCOS MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 60 CANADA: LCOS MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)



TABLE 61 CANADA: LCOS MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 62 MEXICO: LCOS MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 63 MEXICO: LCOS MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 64 EUROPE: LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 65 EUROPE: LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 66 EUROPE: LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 67 GERMANY: LCOS MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 68 GERMANY: LCOS MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 69 U.K.: LCOS MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION) TABLE 70 U.K.: LCOS MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 71 FRANCE: LCOS MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 72 FRANCE: LCOS MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 73 ITALY: LCOS MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 74 ITALY: LCOS MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 75 APAC: LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY COUNTRY, 2012 – 2018 (\$MILLION)

TABLE 76 APAC: LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 77 APAC: LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 78 AUSTRALIA: LCOS MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 79 AUSTRALIA: LCOS MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 80 CHINA & TAIWAN: LCOS MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)



TABLE 81 CHINA & TAIWAN: LCOS MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 82 JAPAN: LCOS MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 83 JAPAN: LCOS MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 84 SOUTH KOREA: LCOS MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 85 SOUTH KOREA: LCOS MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 86 INDIA: LCOS MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 87 INDIA: LCOS MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 88 ROW: LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY GEOGRAPHY, 2012 – 2018 (\$MILLION)

TABLE 89 ROW: LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 90 ROW: LIQUID CRYSTAL ON SILICON MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 91 MIDDLE EAST: LCOS MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 92 MIDDLE EAST: LCOS MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 93 AFRICA: LCOS MARKET REVENUE, BY PRODUCTS, 2012 – 2018 (\$MILLION)

TABLE 94 AFRICA: LCOS MARKET REVENUE, BY APPLICATIONS, 2012 – 2018 (\$MILLION)

TABLE 95 ANALYSIS OF NEW PRODUCT LAUNCH/DEVELOPMENT IN LCOS MARKET

TABLE 96 ANALYSIS OF MERGERS & ACQUISITIONS IN LCOS MARKET TABLE 97 ANALYSIS OF PARTNERSHIPS/AGREEMENTS/STRATEGIC ALLIANCES/COLLABORATIONS IN LCOS MARKET

TABLE 98 ANALYSIS OF CONTRACTS IN LCOS MARKET

TABLE 99 PRODUCTS OFFERED BY CANON INC.

TABLE 100 CITIZEN HOLDINGS CO. LTD: OVERALL REVENUE, 2011 – 2012 (\$MILLION)

TABLE 101 CITIZEN HOLDINGS CO. LTD.: MARKET REVENUE, BY BUSINESS SEGMENTS, 2011 – 2012 (\$MILLION)



TABLE 102 KOPIN CORPORATION: OVERALL REVENUE, 2010 – 2011 (\$MILLION) TABLE 103 HIMAX TECHNOLOGIES: OVERALL REVENUE, 2010 – 2011 (\$MILLION)

TABLE 104 PRODUCTS OFFERED BY HITACHI LTD.

TABLE 105 JVC KENWOOD CORPORATION: OVERALL REVENUE, 2011 – 2012 (\$MILLION)

TABLE 106 JVC KENWOOD CORPORATION: MARKET REVENUE, BY BUSINESS SEGMENT, 2011 – 2012 (\$MILLION)

TABLE 107 LG ELECTRONICS INC.: MARKET REVENUE, 2010 – 2011 (\$BILLION)

TABLE 108 LG ELECTRONICS INC.: MARKET REVENUE, BY PRODUCTS SEGMENT, 2010 – 2011 (\$BILLION)

TABLE 109 LG ELECTRONICS INC.: MARKET REVENUE, BY GEOGRAPHY, 2010 – 2011 (\$BILLION)

TABLE 110 MICROVISION INC: OVERALL REVENUE, 2009 – 2011 (\$MILLION)

TABLE 111 SOME IMPORTANT FINANCIALS, 2010 – 2011 (\$BILLION)

TABLE 112 PIONEER CORPORATION: MARKET REVENUE, BY SEGMENTS, 2010 – 2011 (\$BILLION)

TABLE 113 PIONEER CORPORATION: MARKET REVENUE, BY GEOGRAPHY, 2010 – 2011 (\$BILLION)

TABLE 114 PRODUCTS OFFERED BY SONY CORPORATION

TABLE 115 SONY: OVERALL REVENUE, 2011 – 2012 (\$BILLION)

TABLE 116 SONY: MARKET REVENUE, BY SEGMENTS, 2011 – 2012 (\$BILLION)

TABLE 117 SONY: MARKET REVENUE, BY GEOGRAPHY, 2011 – 2012 (\$BILLION)



List Of Figures

LIST OF FIGURES

FIGURE 1 GLOBAL LCOS MARKET SEGMENTATION

FIGURE 2 LCOS BASED PRODUCTS

FIGURE 3 LCOS BASED TECHNOLOGY

FIGURE 4 LCOS BASED APPLICATIONS

FIGURE 5 GEOGRAPHIC SEGMENTATION OF LCOS MARKET

FIGURE 6 RESEARCH METHODOLOGY TO DERIVE THE MARKET SIZE

FIGURE 7 DATA TRIANGULATION

FIGURE 8 LCOS MARKET BY SEGMENTS

FIGURE 9 DISPLAY TECHNOLOGY SEGMENTATION

FIGURE 10 PORTER'S FIVE FORCE MODEL

FIGURE 11 TARGET APPLICATIONS OF LCOS MARKET

FIGURE 12 IMPACT ANALYSIS OF DRIVERS

FIGURE 13 IMPACT ANALYSIS OF RESTRAINTS

FIGURE 14 WORKING OF LCD PROJECTOR

FIGURE 15 WORKING OF DLP PROJECTOR

FIGURE 16 WORKING OF LCOS PROJECTOR

FIGURE 17 TYPICAL HUD IN AUTOMOTIVE & AVIATION

FIGURE 18 SEGMENTATION OF HUD BY COMPONENT

FIGURE 19 SEGMENTATION OF CARS

FIGURE 20 APPLICATION DYNAMICS OF TOTAL HUD MARKET

FIGURE 21 TYPICAL HMD IN AVIATION, CONSUMER-ELECTRONICS & MILITARY

FIGURE 22 APPLICATIONS LIFECYCLE OF HMD INDUSTRY

FIGURE 23 A TYPICAL LCOS

FIGURE 24 DISPLAY TECHNOLOGY ASSESSMENTS

FIGURE 25 WSS'S FUNCTIONALITY

FIGURE 26 OPTICAL DESIGN OF A WAVELENGTH SELECTIVE SWITCH BASED

ON LCOS SWITCHING TECHNOLOGY

FIGURE 27 TECHNOLOGY DESIGN OF A WAVELENGTH SELECTIVE SWITCH

BASED ON LCOS SWITCHING TECHNOLOGY

FIGURE 28 OPERATION OF HUD IN CAR

FIGURE 29 MAPPING OF COUNTRY WISE VEHICLE PRODUCTION 2011

FIGURE 30 SEGMENTATION OF HUD BY AVIATIONS MARKET

FIGURE 31 SCHEMATIC DIAGRAM OF AN AO-SLO USING AN LCOS-SLM

FIGURE 32 GOOGLE PROJECT GLASS (HUD GLASS)

FIGURE 33 SPORTIIIS BY 4IIII



FIGURE 34 AUGMENTED REALITY BASED HMD

FIGURE 35 KEY GROWTH STRATEGIES FROM 2008 - 2012

FIGURE 36 PRODUCTS OFFERED BY 3M

FIGURE 37 PRODUCTS OFFERED BY AAXA TECHNOLOGIES

FIGURE 38 PRODUCTS OFFERED BY BARCO NV (PROJECTORS)

FIGURE 39 BARCO' SEGMENT BREAK UP - 2009 & 2010

FIGURE 40 PRODUCTS OFFERED BY GUANGZHOU WEIJIE ELECTRONIC TECHNOLOGY CO., LTD.

FIGURE 41 PRODUCTS OFFERED BY HIMAX DISPLAY INC. (MICRODISPLAYS)

FIGURE 42 BUSINESS SEGMENTS OF HOLOEYE SYSTEMS FOR LCOS

MICRODISPLAY PRODUCTS

FIGURE 43 PRODUCTS OFFERED BY HOLOEYE SYSTEMS INC.

FIGURE 44 JVC KENWOOD BUSINESS SEGMENTS

FIGURE 45 PRODUCTS OFFERED BY JVC KENWOOD CORPORATION (D-ILA PROJECTORS)

FIGURE 46 PRODUCTS OFFERED BY LG ELECTRONICS INC.

FIGURE 47 PRODUCTS OFFERED BY LG ELECTRONICS INC. (PROJECTORS)

FIGURE 48 PRODUCTS OFFERED BY MICROVISION INC. (LASER PICO PROJECTORS)

FIGURE 49 BUSINESS DIVISIONS OF PIONEER CORPORATION

FIGURE 50 PRODUCTS OFFERED BY SHENZHEN COOLUX SCIENCE &

TECHNOLOGY CO., LTD

FIGURE 51 PRODUCTS OFFERED BY SILICONMICRODISPLAY INC.

FIGURE 52 PRODUCTS OFFERED BY SYNDIANT



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