

Global LED Driver IC Market for Display & Lighting Applications (2010 – 2015)

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Abstracts

Global LED Display Driver ICs and Backlights Market 2010 - 2015

The Global LED driver IC market is estimated to grow from \$1,119.0 million in 2010 to \$4,424.0 million in 2015, at a CAGR of 31.6% from 2010 to 2015. Initiatives taken by the government to phase out demand for incandescent bulbs in lieu of high quality picture images, power efficient lighting offered by LED have increased the deployment and usage of LED driver IC in a range of applications such as displays and lighting.

Amongst these two applications, the LED Display Driver IC Market for lighting applications is expected to grow with a relatively high CAGR of 46.5% from 2010 to 2015. Display application accounted for the largest share; i.e. 80% of the overall the LED driver IC market; generating \$895.2 million in 2010 and is expected to generate \$2,914.0 million in 2015 with a CAGR of 26.6% for the same period. However, the LED driver IC market for lighting applications is expected to grow with a higher CAGR of 46.5% from 2010 to 2015. Countries such as the U.S., Canada, UK, Australia, New Zealand, Japan, Taiwan, Brazil, and Venezuela have taken various steps to replace luminescent bulbs by LED bulbs in order to save power and reduce the green house gas emissions.

At present, Asia-Pacific (APAC) dominates the LED driver IC market, capturing 59.6% of the share in the overall market that is expected to grow at a CAGR of 32.5% from 2010 to 2015. This can be attributed to the factors such as low cost of IC, tax exemptions given by the governments, and presence of Original Equipment Manufacturers/Original Device Manufacturers (OEMs/ODMs).

The market of LED driver IC is highly fragmented and comprises big industry giants and



small companies that are based in Asia-Pacific, Europe, and North America. Texas Instruments (U.S.), National Semiconductor (U.S.), ON Semiconductor (U.S.), NXP (The Netherlands), Linear Technology (U.S.), Maxim IC (U.S.), Power Integrators (U.S.), iWatt (U.S.), Macroblock (Taiwan), Fairchild (U.S.), Semtech (U.S.), and others that includes Supertex (U.S.), Austria Microsystems (Austria), Advanced Analogic Technologies (U.S.), Infineon Technologies (Germany), Intersil Corporation (U.S.), Rohm (Japan), Silicon Touch Technology (Taiwan), ST Microelectronics (Switzerland) are some of the key players in the LED driver IC market.

Scope of the report

The LED Display Driver IC Market research report categorizes the global market of LED driver IC on the basis of different applications and countries; forecasting revenues, and analyzing trends in each of the smart home applications.

On the basis of applications

Applications such as display and lighting are covered in the report.

Display applications: Small size, medium size, and large size displays

Small size displays include: mobile phones, digital cameras, PDAs, gaming devices, MP3 players, GPS navigation device, medical devices, digital photo frames

Medium size displays include: laptops, notebooks, monitors, televisions, netbooks

Large size displays include: signage billboards and others

Lighting applications: General lighting and automotive lighting

General lighting applications include: indoor lighting and outdoor lighting

Indoor lighting: residential lighting, commercial lighting, industrial lighting, and others

Outdoor lighting: architectural lighting, street lighting, traffic lighting, and others



Automotive lighting applications include: interior lighting and exterior lighting

Interior lighting: dashboard lighting and ambient lighting

Exterior lighting: taillight lighting and headlamps lighting

On the basis of geography

North America, Europe, Asia-Pacific (APAC), and ROW (Rest of World) are covered in the report.



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7.3 DIODES, INC.

- 7.4 EXAR CORP
- 7.5 FAIRCHILD SEMICONDUCTOR

7.6 FREESCALE SEMICONDUCTOR, INC.

7.7 INFINEON TECHNOLOGIES AG

7.8 INTERSIL CORP

7.9 IWATT, INC.

7.10 IXYS CORP

7.11 LINEAR TECHNOLOGY CORP

7.12 MACROBLOCK, INC.

7.13 MAXIM INTEGRATED PRODUCTS, INC.

7.14 NATIONAL SEMICONDUCTOR CORP

7.15 NXP SEMICONDUCTORS NV

7.16 ON SEMICONDUCTOR CORP

7.17 POWER ANALOG MICROELECTRONICS, INC.

7.18 POWER INTEGRATIONS

7.19 ROHM CO., LTD

7.20 SEMTECH CORP

7.21 SILICON TOUCH TECHNOLOGY INC.

7.22 STMICROELECTRONICS N.V.

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