

# Global Laser Drivers Market Research Report 2016

<https://marketpublishers.com/r/G077450B849EN.html>

Date: January 2017

Pages: 129

Price: US\$ 2,999.00 (Single User License)

ID: G077450B849EN

## Abstracts

This report studies Laser Drivers in Global market, especially in North America, Europe, China, Japan, Taiwan and India, focuses on top manufacturers in global market, with capacity, production, price, revenue and market share for each manufacturer, covering

Analog Devices

ATMEL Corporation

Maxim Integrated Products

Zarlink Semiconductor Inc.

IXYS Corporation

Intersil Corporation

Nippon Precision Circuits Inc

Eudyna Devices Inc

Micrel Semiconductor

Agere Systems

IC-Haus GmbH

NXP SemiconductorsMicrel Semiconductor

Texas Instruments

Sipex Corporation

ELM Technology Corporation

Vitesse Semiconductor Corporation

Asahi Kasei Microsystems

New Japan Radio

Sony Corporation

Market Segment by Regions, this report splits Global into several key Regions, with production, consumption, revenue, market share and growth rate of Laser Drivers in these regions, from 2011 to 2021 (forecast), like

North America

China

Europe

Japan

Taiwan

India

Row

Split by Product Types, with production, revenue, price, market share and growth rate of each type, can be divided into

1Gbps to 2.3Gbps

2.3Gbps to 4.25Gbps

4.25Gbps to 10Gbps

10Gbps to 11.7Gbps

Above 11.7Gbps

Split by applications, this report focuses on consumption, market share and growth rate of Laser Drivers in each application, can be divided into

Vision System

Biometric Reader

Military

Space Science

Communication System

Metering Device

Industrial Equipment

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1 Laser Drivers Market Overview

1.1 Product Overview and Scope of Laser Drivers

In the most ideal form, it is a constant current source, linear, noiseless, and accurate, that delivers exactly the current to the laser diode that it needs to operate for a particular application. The user chooses whether to keep laser diode or photodiode current constant and at what level. Then the control system drives current to the laser diode safely and at the appropriate level.

Figure Picture of Laser Drivers

Source: QYR Electronics Research Center, Dec. 2016

1.2 Laser Drivers Segment by Types

1.2.1 Global Production Market Share of Laser Drivers by Types in 2015

Figure Global Production Market Share of Laser Drivers by Types in 2015

Source: QYR Electronics Research Center, Dec. 2016

Table Classification of Laser Drivers

Types

Feature

Description

1

2

3

Source: QYR Electronics Research Center, Dec. 2016

### 1.2.2 1Gbps to 2.3Gbps

Figure Product Picture of 1Gbps to 2.3Gbps

Source: QYR Electronics Research Center, Dec. 2016

Table Major Manufacturers of 1Gbps to 2.3Gbps

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

Source: Above Companies; QYR Electronics Research Center, Dec. 2016

### 1.2.3 2.3Gbps to 4.25Gbps

Figure Product Picture of 2.3Gbps to 4.25Gbps

Source: QYR Electronics Research Center, Dec. 2016

Table Major Manufacturers of 2.3Gbps to 4.25Gbps

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

Source: Above Companies; QYR Electronics Research Center, Dec. 2016

### 1.2.4 4.25Gbps to 10Gbps

Figure Product Picture of 4.25Gbps to 10Gbps

Source: QYR Electronics Research Center, Dec. 2016

Table Major Manufacturers of 4.25Gbps to 10Gbps

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

Source: Above Companies; QYR Electronics Research Center, Dec. 2016

### 1.2.5 10Gbps to 11.7Gbps

Figure Product Picture of 10Gbps to 11.7Gbps

Source: QYR Electronics Research Center, Dec. 2016

Table Major Manufacturers of 10Gbps to 11.7Gbps

Manufacturers

Location of Manufacturing Bases/Factories

1

2



3

Source: Above Companies; QYR Electronics Research Center, Dec. 2016

#### 1.2.6 Above 11.7Gbps

Figure Product Picture of Above 11.7Gbps

Source: QYR Electronics Research Center, Dec. 2016

Table Major Manufacturers of Above 11.7Gbps

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

Source: Above Companies; QYR Electronics Research Center, Dec. 2016

#### 1.3 Laser Drivers Segment by Applications

##### 1.3.1 Laser Drivers Consumption Market Share by Applications in 2015

Table Laser Drivers Consumption Market Share by Applications in 2015

Source: QYR Electronics Research Center, Dec. 2016

Table Applications of Laser Drivers

Applications

Feature

Description

1

2

3

Source: QYR Electronics Research Center, Dec. 2016

##### 1.3.2 Vision System

Vision System

Figure Vision System Examples

Source: QYR Electronics Research Center, Dec. 2016

##### 1.3.3 Biometric Reader

Biometric Reader

Figure Biometric Reader Examples

Source: QYR Electronics Research Center, Dec. 2016

##### 1.3.4 Military

Military

Figure Military Examples

Source: QYR Electronics Research Center, Dec. 2016

##### 1.3.5 Space Science

Space Science

Figure Space Science Examples

Source: QYR Electronics Research Center, Dec. 2016

### 1.3.6 Communication System

Communication System

Figure Communication System Examples

Source: QYR Electronics Research Center, Dec. 2016

### 1.3.7 Metering Device

Metering Device

Figure Metering Device Examples

Source: QYR Electronics Research Center, Dec. 2016

### 1.3.8 Industrial Equipment

Industrial Equipment

Figure Industrial Equipment Examples

Source: QYR Electronics Research Center, Dec. 2016

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Source: QYR Electronics Research Center, Dec. 2016

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Source: QYR Electronics Research Center, Dec. 2016

### 1.4.7 Row Status and Prospect (2011-2021)

Figure Row Laser Drivers Revenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Electronics Research Center, Dec. 2016

## 1.5 Global Market Size (Value) of Laser Drivers (2011-2021)

Figure Global Laser Drivers Revenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Electronics Research Center, Dec. 2016

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##### Capacity

##### Analog Devices

##### ATMEL Corporation

##### Maxim Integrated Products

##### Zarlink Semiconductor Inc.

##### IXYS Corporation

##### Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016

#### Table Global Laser Drivers Capacity Market Share of Key Manufacturers (2015 and 2016)

##### Capacity

##### Analog Devices

##### ATMEL Corporation

##### Maxim Integrated Products

##### Zarlink Semiconductor Inc.

##### IXYS Corporation

##### Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016

#### Figure Global Laser Drivers Capacity of Key Manufacturers in 2015

Source: Above companies; QYR Electronics Research Center, Dec. 2016

#### Figure Global Laser Drivers Capacity of Key Manufacturers in 2016

Source: Above companies; QYR Electronics Research Center, Dec. 2016

#### Table Global Laser Drivers Production of Key Manufacturers (2015 and 2016)

##### Production

##### Analog Devices

##### ATMEL Corporation

##### Maxim Integrated Products

##### Zarlink Semiconductor Inc.

##### IXYS Corporation

##### Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016

#### Table Global Laser Drivers Production Share by Manufacturers (2015 and 2016)

##### Production Share

2015

2016

Analog Devices

ATMEL Corporation

Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure 2015 Laser Drivers Production Share by Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure 2016 Laser Drivers Production Share by Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.2 Global Laser Drivers Revenue and Share by Manufacturers (2015 and 2016)

Table Global Laser Drivers Revenue (Million USD) by Manufacturers (2015 and 2016)

Revenue

Analog Devices

ATMEL Corporation

Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table Global Laser Drivers Revenue Share by Manufacturers (2015 and 2016)

Revenue Share

Analog Devices

ATMEL Corporation

Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table 2015 Global Laser Drivers Revenue Share by Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table 2016 Global Laser Drivers Revenue Share by Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.3 Global Laser Drivers Average Price by Manufacturers (2015 and 2016)

Table Global Market Laser Drivers Average Price of Key Manufacturers (2015 and 2016)

Analog Devices

ATMEL Corporation

Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure Global Market Laser Drivers Average Price of Key Manufacturers in 2015

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.4 Manufacturers Laser Drivers Manufacturing Base Distribution, Sales Area, Product Types

Table Manufacturers Laser Drivers Manufacturing Base Distribution and Sales Area  
Manufacturing Base Distribution

Sales Area

Analog Devices

ATMEL Corporation

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table Manufacturers Laser Drivers Product Types

Product Types

Analog Devices

ATMEL Corporation

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.5 Laser Drivers Market Competitive Situation and Trends?

2.5.1 Laser Drivers Market Concentration Rate

2.5.2 Laser Drivers Market Share of Top 3 and Top 5 Manufacturers

Figure Laser Drivers Market Share of Top 3 Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure Laser Drivers Market Share of Top 5 Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.5.3 Mergers & Acquisitions, Expansion

3 Global Laser Drivers Capacity, Production, Revenue (Value) by Regions (2011-2016)

3.1 Global Laser Drivers Capacity and Market Share by Regions (2011-2016)

Table Global Laser Drivers Capacity by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Global Laser Drivers Capacity Market Share by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Global Laser Drivers Capacity Market Share by Regions (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Global Laser Drivers Capacity Market Share by Regions

Source: QYR Electronics Research Center, Dec. 2016

3.2 Global Laser Drivers Production and Market Share by Regions (2011-2016)

Table Global Laser Drivers Production by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Global Laser Drivers Production and Market Share by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Global Laser Drivers Production Market Share by Regions (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Global Laser Drivers Production Market Share by Regions

Source: QYR Electronics Research Center, Dec. 2016

3.3 Global Laser Drivers Revenue (Value) and Market Share by Regions (2011-2016)

Table Global Laser Drivers Revenue by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Table Global Laser Drivers Revenue Market Share by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Table 2015 Global Laser Drivers Revenue Market Share by Regions

Source: QYR Electronics Research Center, Dec. 2016

3.4 Global Laser Drivers Capacity, Production, Revenue, Price and Gross Margin  
(2011-2016)

Table Global Laser Drivers Capacity, Production, Revenue, Price and Gross Margin  
(2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

3.5 North America Laser Drivers Capacity, Production, Revenue, Price and Gross  
Margin (2011-2016)

Table North America Laser Drivers Capacity, Production, Revenue, Price and Gross  
Margin (2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

3.6 Europe Laser Drivers Capacity, Production, Revenue, Price and Gross Margin  
(2011-2016)

Table Europe Laser Drivers Capacity, Production, Revenue, Price and Gross Margin  
(2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

3.7 China Laser Drivers Capacity, Production, Revenue, Price and Gross Margin  
(2011-2016)

Table China Laser Drivers Capacity, Production, Revenue, Price and Gross Margin  
(2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

3.8 Japan Laser Drivers Capacity, Production, Revenue, Price and Gross Margin  
(2011-2016)

Table Japan Laser Drivers Capacity, Production, Revenue, Price and Gross Margin  
(2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue



Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

3.9 Taiwan Laser Drivers Capacity, Production, Revenue, Price and Gross Margin  
(2011-2016)

Table Taiwan Laser Drivers Capacity, Production, Revenue, Price and Gross Margin  
(2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

3.10 India Laser Drivers Capacity, Production, Revenue, Price and Gross Margin  
(2011-2016)

Table India Laser Drivers Capacity, Production, Revenue, Price and Gross Margin  
(2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

3.11 Row Laser Drivers Capacity, Production, Revenue, Price and Gross Margin  
(2011-2016)

Table Row Laser Drivers Capacity, Production, Revenue, Price and Gross Margin  
(2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

4 Global Laser Drivers Supply (Production), Consumption, Export, Import by Regions (2011-2016)

4.1 Global Laser Drivers Consumption by Regions (2011-2016)

Table Global Laser Drivers Consumption Market by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Table Global Laser Drivers Consumption Market Share by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Global Laser Drivers Consumption Market Share by Regions (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Global Laser Drivers Consumption Market Share by Regions

Source: QYR Electronics Research Center, Dec. 2016

4.2 North America Laser Drivers Production, Consumption, Export, Import by Regions (2011-2016)

Table North America Laser Drivers Production, Consumption, Import & Export (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

#### 4.3 Europe Laser Drivers Production, Consumption, Export, Import by Regions (2011-2016)

Table Europe Laser Drivers Production, Consumption, Import & Export (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

#### 4.4 China Laser Drivers Production, Consumption, Export, Import by Regions (2011-2016)

Table China Laser Drivers Production, Consumption, Import & Export (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

#### 4.5 Japan Laser Drivers Production, Consumption, Export, Import by Regions (2011-2016)

Table Japan Laser Drivers Production, Consumption, Import & Export (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

#### 4.6 Taiwan Laser Drivers Production, Consumption, Export, Import by Regions (2011-2016)

Table Taiwan Laser Drivers Production, Consumption, Import & Export (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

#### 4.7 India Laser Drivers Production, Consumption, Export, Import by Regions (2011-2016)

Table India Laser Drivers Production, Consumption, Import & Export (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

#### 4.8 Row Laser Drivers Production, Consumption, Export, Import by Regions (2011-2016)

Table Row Laser Drivers Production, Consumption, Import & Export (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

### 5 Global Laser Drivers Production, Revenue (Value), Price Trend by Types

#### 5.1 Global Laser Drivers Production and Market Share by Types (2011-2016)

Table Global Laser Drivers Production by Types (2011-2016)

1Gbps to 2.3Gbps

2.3Gbps to 4.25Gbps

Total

Source: QYR Electronics Research Center, Dec. 2016

Table Global Laser Drivers Production Share by Types (2011-2016)

1Gbps to 2.3Gbps

2.3Gbps to 4.25Gbps

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Production Market Share of Laser Drivers by Types (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Production Market Share of Laser Drivers by Types

Source: QYR Electronics Research Center, Dec. 2016

5.2 Global Laser Drivers Revenue and Market Share by Types (2011-2016)

Table Global Laser Drivers Revenue by Types (2011-2016)

1Gbps to 2.3Gbps

2.3Gbps to 4.25Gbps

Total

Source: QYR Electronics Research Center, Dec. 2016

Table Global Laser Drivers Revenue Share by Types (2011-2016)

1Gbps to 2.3Gbps

2.3Gbps to 4.25Gbps

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Production Revenue Share of Laser Drivers by Types (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Revenue Market Share of Laser Drivers by Types

Source: QYR Electronics Research Center, Dec. 2016

5.3 Global Laser Drivers Price by Type (2011-2016)

Table Global Laser Drivers Price by Types (2011-2016)

1Gbps to 2.3Gbps

2.3Gbps to 4.25Gbps

Total

Source: QYR Electronics Research Center, Dec. 2016

5.4 Global Laser Drivers Production Growth by Type (2011-2016)

Figure Global Laser Drivers Production Growth by Type (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

6 Global Laser Drivers Market Analysis by Applications

6.1 Global Laser Drivers Consumption and Market Share by Applications (2011-2016)

Table Global Laser Drivers Consumption by Applications (2011-2016)

Vision System

Biometric Reader

Total

Source: QYR Electronics Research Center, Dec. 2016

Table Global Laser Drivers Consumption Market Share by Applications (2011-2016)

Vision System

Biometric Reader

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Global Laser Drivers Consumption Market Share by Applications in 2015

Source: QYR Electronics Research Center, Dec. 2016

## 6.2 Global Laser Drivers Consumption Growth Rate by Applications (2011-2016)

Table Global Laser Drivers Consumption Growth Rate by Applications (2011-2016)

Vision System

Biometric Reader

Source: QYR Electronics Research Center, Dec. 2016

Figure Global Laser Drivers Consumption Growth Rate by Applications (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

## 6.3 Market Drivers and Opportunities

6.3.1 Potential Applications

6.3.2 Emerging Markets/Countries

## 7 Global Laser Drivers Manufacturers Profiles/Analysis

### 7.1 Analog Devices

7.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

Table Analog Devices Basic Information, Manufacturing Base, Sales Area and Its

Competitors

#

Item

Description

1

Company Name

2

Website

3

Commercial Production Date of Laser Drivers

4

Manufacturing Locations of Laser Drivers

5

Laser Drivers Sales Area

6

Main Business/Business Overview

7

Cont

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