

# Global Data Converters Market Research Report 2016

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## Abstracts

This report studies Data Converters 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

National Semiconductor

Nippon Precision Circuits Inc

Micro Analog systems

Microchip Technology.

TelCom Semiconductor, Inc

Vishay Siliconix

Texas Instruments

ON Semiconductor

Exar Corporation

Burr-Brown Corporation

Allegro MicroSystems

Power Systems GmbH+Co.KG

Renesas Technology Corp

Fairchild Semiconductor

ITRON ELECTRONICS CORPORTION

Crystek Corporation

Make-Ps

TRACO Electronic AG

Fujitsu Component Limited.

Superworld Electronics

Market Segment by Regions, this report splits Global into several key Regions, with production, consumption, revenue, market share and growth rate of Data Converters 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

Analog to Digital Converter  
Current Input ADC

High Speed ADC

Isolated ADC

Precision ADC

Digital to Analog Converter  
Digital Potentiometer

High Speed DAC

Precision DAC

Integrated Precision ADC and DAC

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

Data Communication

Military

Automotive

Industrial Equipment

Consumer Electronics

Space Science

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## 1 Data Converters Market Overview

### 1.1 Product Overview and Scope of Data Converters

In electronics, a digital-to-analog converter (DAC, D/A, D–A, D2A, or D-to-A) is a device that converts a digital signal into an analog signal. An analog-to-digital converter (ADC) performs the reverse function.

Figure Picture of Data Converters

Source: QYR Data Converters Research Center, Dec. 2016

### 1.2 Data Converters Segment by Types

#### 1.2.1 Global Production Market Share of Data Converters by Types in 2015

Figure Global Production Market Share of Data Converters by Types in 2015

Source: QYR Data Converters Research Center, Dec. 2016

Table Classification of Data Converters

Types

Feature

Description

1

2

3

Source: QYR Data Converters Research Center, Dec. 2016

#### 1.2.2 Analog to Digital Converter

Figure Product Picture of Analog to Digital Converter

Source: QYR Data Converters Research Center, Dec. 2016

Table Major Manufacturers of Analog to Digital Converter

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

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

1.2.2.1 Current Input ADC

1.2.2.1 High Speed ADC

1.2.2.1 Isolated ADC

1.2.2.1 Precision ADC

1.2.3 Digital to Analog Converter

Figure Product Picture of Digital to Analog Converter

Source: QYR Data Converters Research Center, Dec. 2016

Table Major Manufacturers of Digital to Analog Converter

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

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

1.2.3.1 Digital Potentiometer

1.2.3.2 High Speed DAC

1.2.3.3 Precision DAC

1.2.4 Integrated Precision ADC and DAC

Figure Product Picture of Integrated Precision ADC and DAC

Source: QYR Data Converters Research Center, Dec. 2016

Table Major Manufacturers of Integrated Precision ADC and DAC

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

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

1.3 Data Converters Segment by Applications

1.3.1 Data Converters Consumption Market Share by Applications in 2015

Table Data Converters Consumption Market Share by Applications in 2015

Source: QYR Data Converters Research Center, Dec. 2016



## Table Applications of Data Converters

Applications

Feature

Description

1

2

3

Source: QYR Data Converters Research Center, Dec. 2016

### 1.3.2 Data Communication

Data Communication

Figure Data Communication Examples

Source: QYR Data Converters Research Center, Dec. 2016

### 1.3.3 Military

Military

Figure Military Examples

Source: QYR Data Converters Research Center, Dec. 2016

### 1.3.4 Automotive

Automotive

Figure Automotive Examples

Source: QYR Data Converters Research Center, Dec. 2016

### 1.3.5 Industrial Equipment

Industrial Equipment

Figure Industrial Equipment Examples

Source: QYR Data Converters Research Center, Dec. 2016

### 1.3.6 Consumer Electronics

Consumer Electronics

Figure Consumer Electronics Examples

Source: QYR Data Converters Research Center, Dec. 2016

### 1.3.7 Space Science

Space Science

Figure Space Science Examples

Source: QYR Data Converters Research Center, Dec. 2016

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Source: QYR Data Converters Research Center, Dec. 2016

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Source: QYR Data Converters Research Center, Dec. 2016

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Capacity

National Semiconductor

Nippon Precision Circuits Inc

Micro Analog systems

Microchip Technology.

TelCom Semiconductor, Inc

Total

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

Table Global Data Converters Capacity Market Share of Key Manufacturers (2015 and 2016)

Capacity

National Semiconductor

Nippon Precision Circuits Inc

Micro Analog systems

Microchip Technology.

TelCom Semiconductor, Inc

**Total**

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

Figure Global Data Converters Capacity of Key Manufacturers in 2015

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

Figure Global Data Converters Capacity of Key Manufacturers in 2016

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

Table Global Data Converters Production of Key Manufacturers (2015 and 2016)

Production

National Semiconductor

Nippon Precision Circuits Inc

Micro Analog systems

Microchip Technology.

TelCom Semiconductor, Inc

**Total**

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

Table Global Data Converters Production Share by Manufacturers (2015 and 2016)

Production Share

2015

2016

National Semiconductor

Nippon Precision Circuits Inc

**Total**

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

Figure 2015 Data Converters Production Share by Manufacturers

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

Figure 2016 Data Converters Production Share by Manufacturers

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

2.2 Global Data Converters Revenue and Share by Manufacturers (2015 and 2016)

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Revenue

National Semiconductor

Nippon Precision Circuits Inc

**Total**

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

Table Global Data Converters Revenue Share by Manufacturers (2015 and 2016)

Revenue Share

National Semiconductor

Nippon Precision Circuits Inc

## Total

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

Table 2015 Global Data Converters Revenue Share by Manufacturers

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

Table 2016 Global Data Converters Revenue Share by Manufacturers

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

2.3 Global Data Converters Average Price by Manufacturers (2015 and 2016)

Table Global Market Data Converters Average Price of Key Manufacturers (2015 and 2016)

National Semiconductor

Nippon Precision Circuits Inc

## Total

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

Figure Global Market Data Converters Average Price of Key Manufacturers in 2015

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

2.4 Manufacturers Data Converters Manufacturing Base Distribution, Sales Area, Product Types

Table Manufacturers Data Converters Manufacturing Base Distribution and Sales Area

Manufacturing Base Distribution

Sales Area

National Semiconductor

Nippon Precision Circuits Inc

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

Table Manufacturers Data Converters Product Types

Product Types

National Semiconductor

Nippon Precision Circuits Inc

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

2.5 Data Converters Market Competitive Situation and Trends?

2.5.1 Data Converters Market Concentration Rate

2.5.2 Data Converters Market Share of Top 3 and Top 5 Manufacturers

Figure Data Converters Market Share of Top 3 Manufacturers

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

Figure Data Converters Market Share of Top 5 Manufacturers

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

2.5.3 Mergers & Acquisitions, Expansion

3 Global Data Converters Capacity, Production, Revenue (Value) by Regions (2011-2016)

3.1 Global Data Converters Capacity and Market Share by Regions (2011-2016)

## Table Global Data Converters Capacity by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Data Converters Research Center, Dec. 2016

## Figure Global Data Converters Capacity Market Share by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Data Converters Research Center, Dec. 2016

## Figure Global Data Converters Capacity Market Share by Regions (2011-2016)

Source: QYR Data Converters Research Center, Dec. 2016

## Figure 2015 Global Data Converters Capacity Market Share by Regions

Source: QYR Data Converters Research Center, Dec. 2016

## 3.2 Global Data Converters Production and Market Share by Regions (2011-2016)

## Table Global Data Converters Production by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Data Converters Research Center, Dec. 2016

## Figure Global Data Converters Production and Market Share by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Data Converters Research Center, Dec. 2016

Figure Global Data Converters Production Market Share by Regions (2011-2016)

Source: QYR Data Converters Research Center, Dec. 2016

Figure 2015 Global Data Converters Production Market Share by Regions

Source: QYR Data Converters Research Center, Dec. 2016

3.3 Global Data Converters Revenue (Value) and Market Share by Regions  
(2011-2016)

Table Global Data Converters Revenue by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Data Converters Research Center, Dec. 2016

Table Global Data Converters Revenue Market Share by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Data Converters Research Center, Dec. 2016

Table 2015 Global Data Converters Revenue Market Share by Regions

Source: QYR Data Converters Research Center, Dec. 2016

### 3.4 Global Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Global Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Data Converters Research Center, Dec. 2016

### 3.5 North America Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

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

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Data Converters Research Center, Dec. 2016

### 3.6 Europe Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Europe Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Data Converters Research Center, Dec. 2016

3.7 China Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table China Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Data Converters Research Center, Dec. 2016

3.8 Japan Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Japan Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Data Converters Research Center, Dec. 2016

3.9 Taiwan Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Taiwan Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin



Source: QYR Data Converters Research Center, Dec. 2016

3.10 India Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table India Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Data Converters Research Center, Dec. 2016

3.11 Row Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Row Data Converters Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Data Converters Research Center, Dec. 2016

4 Global Data Converters Supply (Production), Consumption, Export, Import by Regions (2011-2016)

4.1 Global Data Converters Consumption by Regions (2011-2016)

Table Global Data Converters Consumption Market by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Data Converters Research Center, Dec. 2016

Table Global Data Converters Consumption Market Share by Regions (2011-2016)

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Data Converters Research Center, Dec. 2016

Figure Global Data Converters Consumption Market Share by Regions (2011-2016)

Source: QYR Data Converters Research Center, Dec. 2016

Figure 2015 Global Data Converters Consumption Market Share by Regions

Source: QYR Data Converters Research Center, Dec. 2016

4.2 North America Data Converters Production, Consumption, Export, Import by Regions (2011-2016)

Table North America Data Converters Production, Consumption, Import & Export (2011-2016)

Source: QYR Data Converters Research Center, Dec. 2016

4.3 Europe Data Converters Production, Consumption, Export, Import by Regions (2011-2016)

Table Europe Data Converters Production, Consumption, Import & Export (2011-2016)

Source: QYR Data Converters Research Center, Dec. 2016

4.4 China Data Converters Production, Consumption, Export, Import by Regions (2011-2016)

Table China Data Converters Production, Consumption, Import & Export (2011-2016)

Source: QYR Data Converters Research Center, Dec. 2016

4.5 Japan Data Converters Production, Consumption, Export, Import by Regions (2011-2016)

Table Japan Data Converters Production, Consumption, Import & Export (2011-2016)

Source: QYR Data Converters Research Center, Dec. 2016

4.6 Taiwan Data Converters Production, Consumption, Export, Import by Regions (2011-2016)

Table Taiwan Data Converters Production, Consumption, Import & Export (2011-2016)

Source: QYR Data Converters Research Center, Dec. 2016

4.7 India Data Converters Production, Consumption, Export, Import by Regions

(2011-2016)

Table India Data Converters Production, Consumption, Import & Export (2011-2016)

Source: QYR Data Converters Research Center, Dec. 2016

4.8 Row Data Converters Production, Consumption, Export, Import by Regions

(2011-2016)

Table Row Data Converters Production, Consumption, Import & Export (2011-2016)

Source: QYR Data Converters Research Center, Dec. 2016

5 Global Data Converters Production, Revenue (Value), Price Trend by Types

5.1 Global Data Converters Production and Market Share by Types (2011-2016)

Table Global Data Converters Production by Types (2011-2016)

Analog to Digital Converter

Digital to Analog Converter

Total

Source: QYR Data Converters Research Center, Dec. 2016

Table Global Data Converters Production Share by Types (2011-2016)

Analog to Digital Converter

Digital to Analog Converter

Total

Source: QYR Data Converters Research Center, Dec. 2016

Figure Production Market Share of Data Converters by Types (2011-2016)

Source: QYR Data Converters Research Center, Dec. 2016

Figure 2015 Production Market Share of Data Converters by Types

Source: QYR Data Converters Research Center, Dec. 2016

5.2 Global Data Converters Revenue and Market Share by Types (2011-2016)

Table Global Data Converters Revenue by Types (2011-2016)

Analog to Digital Converter

Digital to Analog Converter

Total

Source: QYR Data Converters Research Center, Dec. 2016

Table Global Data Converters Revenue Share by Types (2011-2016)

Analog to Digital Converter

Digital to Analog Converter

Total

Source: QYR Data Converters Research Center, Dec. 2016

Figure Production Revenue Share of Data Converters by Types (2011-2016)

Source: QYR Data Converters Research Center, Dec. 2016

Figure 2015 Revenue Market Share of Data Converters by Types

Source: QYR Data Converters Research Center, Dec. 2016

5.3 Global Data Converters Price by Type (2011-2016)

Table Global Data Converters Price by Types (2011-2016)

Analog to Digital Converter

Digital to Analog Converter

Total

Source: QYR Data Converters Research Center, Dec. 2016

5.4 Global Data Converters Production Growth by Type (2011-2016)

Figure Global Data Converters Production Growth by Type (2011-2016)

Source: QYR Data Converters Research Center, Dec. 2016

6 Global Data Converters Market Analysis by Applications

6.1 Global Data Converters Consumption and Market Share by Applications  
(2011-2016)

Table Global Data Converters Consumption by Applications (2011-2016)

Data Communication

Military

Total

Source: QYR Data Converters Research Center, Dec. 2016

Table Global Data Converters Consumption Market Share by Applications (2011-2016)

Data Communication

Military

Total

Source: QYR Data Converters Research Center, Dec. 2016

Figure Global Data Converters Consumption Market Share by Applications in 2015

Source: QYR Data Converters Research Center, Dec. 2016

6.2 Global Data Converters Consumption Growth Rate by Applications (2011-2016)

Table Global Data Converters Consumption Growth Rate by Applications (2011-2016)

Data Communication

Military

Source: QYR Data Converters Research Center, Dec. 2016

Figure Global Data Converters Consumption Growth Rate by Applications (2011-2016)

Source: QYR Data Converters Research Center, Dec. 2016

6.3 Market Drivers and Opportunities

6.3.1 Potential Applications

6.3.2 Emerging Markets/Countries

7 Global Data Converters Manufacturers Profiles/Analysis

7.1 National Semiconduc

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