

Global Frequency to Voltage Converter Market Research Report 2016

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Abstracts

This report studies Frequency to Voltage Converter 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

TEXAS INSTRUMENTS

National Semiconductor

TOSHIBA SEMICONDUCTOR

Microchip Technology

NTE ELECTRONICS

TELCOM SEMICONDUCTOR, INC

R & E International, Inc.

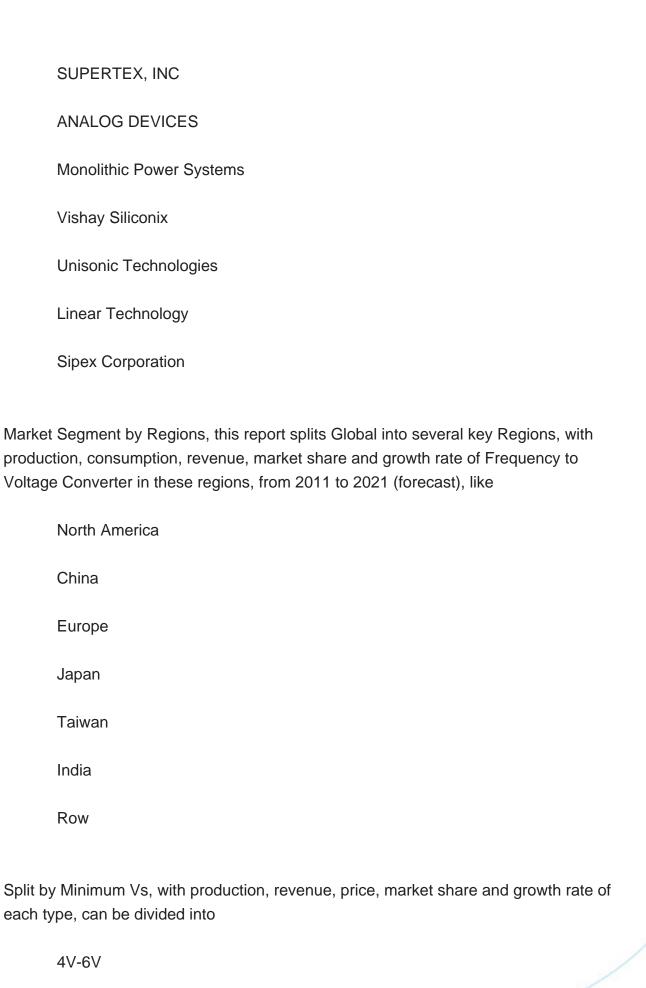
TOKO, INC

ENPIRION, INC.

ON SEMICONDUCTOR

NEC







	6V-8V			
	8V-12V			
	12V-14V			
	Above 14V			
Split by applications, this report focuses on consumption, market share and growth rate of Frequency to Voltage Converter in each application, can be divided into				
	Electrical Equipment			
	Industrial Equipment			
	Automotive			
	Aviation			



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1 Frequency to Voltage Converter Market Overview

1.1 Product Overview and Scope of Frequency to Voltage Converter

Frequency to Voltage Converter (also known as a power converter or voltage transformer) is an electric power conversion device which is used to change the electrical output of a power source. The most common use for these converters is to change the voltage from 220 volts down to 110 volts, or from 110 volts up to 220 volts.

Figure Picture of Frequency to Voltage Converter

Source: QYR Electronics Research Center, Dec. 2016

1.2 Frequency to Voltage Converter Segment by Types

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Source: QYR Electronics Research Center, Dec. 2016

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1.3.3 Industrial Equipment

Industrial Equipment

Figure Industrial Equipment Examples

Source: QYR Electronics Research Center, Dec. 2016

1.3.4 Automotive

Automotive

Figure Automotive Examples

Source: QYR Electronics Research Center, Dec. 2016

1.3.5 Aviation

Aviation

Figure Aviation 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

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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

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Source: QYR Electronics Research Center, Dec. 2016

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Capacity

TEXAS INSTRUMENTS

National Semiconductor

TOSHIBA SEMICONDUCTOR

Microchip Technology

NTE ELECTRONICS

Total

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

Table Global Frequency to Voltage Converter Capacity Market Share of Key

Manufacturers (2015 and 2016)

Capacity

TEXAS INSTRUMENTS

National Semiconductor

TOSHIBA SEMICONDUCTOR

Microchip Technology

NTE ELECTRONICS

Total

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

Figure Global Frequency to Voltage Converter Capacity of Key Manufacturers in 2015

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

Figure Global Frequency to Voltage Converter Capacity of Key Manufacturers in 2016

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

Table Global Frequency to Voltage Converter Production of Key Manufacturers (2015

and 2016)

Production

TEXAS INSTRUMENTS

National Semiconductor

TOSHIBA SEMICONDUCTOR



Microchip Technology

NTE ELECTRONICS

Total

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

Table Global Frequency to Voltage Converter Production Share by Manufacturers (2015

and 2016)

Production Share

2015

2016

TEXAS INSTRUMENTS

National Semiconductor

Total

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

Figure 2015 Frequency to Voltage Converter Production Share by Manufacturers

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

Figure 2016 Frequency to Voltage Converter Production Share by Manufacturers

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

2.2 Global Frequency to Voltage Converter Revenue and Share by Manufacturers (2015 and 2016)

Table Global Frequency to Voltage Converter Revenue (Million USD) by Manufacturers (2015 and 2016)

Revenue

TEXAS INSTRUMENTS

National Semiconductor

Total

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

Table Global Frequency to Voltage Converter Revenue Share by Manufacturers (2015

and 2016)

Revenue Share

TEXAS INSTRUMENTS

National Semiconductor

Total

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

Table 2015 Global Frequency to Voltage Converter Revenue Share by Manufacturers

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

Table 2016 Global Frequency to Voltage Converter Revenue Share by Manufacturers

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

2.3 Global Frequency to Voltage Converter Average Price by Manufacturers (2015 and 2016)



Table Global Market Frequency to Voltage Converter Average Price of Key Manufacturers (2015 and 2016)

TEXAS INSTRUMENTS

National Semiconductor

Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016 Figure Global Market Frequency to Voltage Converter Average Price of Key Manufacturers in 2015

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

2.4 Manufacturers Frequency to Voltage Converter Manufacturing Base Distribution, Sales Area. Minimum Vs

Table Manufacturers Frequency to Voltage Converter Manufacturing Base Distribution and Sales Area

Manufacturing Base Distribution

Sales Area

TEXAS INSTRUMENTS

National Semiconductor

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

Table Manufacturers Frequency to Voltage Converter Minimum Vs

Minimum Vs

TEXAS INSTRUMENTS

National Semiconductor

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

2.5 Frequency to Voltage Converter Market Competitive Situation and Trends?

2.5.1 Frequency to Voltage Converter Market Concentration Rate

2.5.2 Frequency to Voltage Converter Market Share of Top 3 and Top 5 Manufacturers

Figure Frequency to Voltage Converter Market Share of Top 3 Manufacturers

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

Figure Frequency to Voltage Converter Market Share of Top 5 Manufacturers

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

2.5.3 Mergers & Acquisitions, Expansion

3 Global Frequency to Voltage Converter Capacity, Production, Revenue (Value) by Regions (2011-2016)

3.1 Global Frequency to Voltage Converter Capacity and Market Share by Regions (2011-2016)

Table Global Frequency to Voltage Converter Capacity by Regions (2011-2016)

North America

Europe

China



Japan
Taiwan
India
Row
ROW
Total
Source: QYR Electronics Research Center, Dec. 2016
Figure Global Frequency to Voltage Converter 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 Frequency to Voltage Converter Capacity Market Share by Regions
(2011-2016)
Source: QYR Electronics Research Center, Dec. 2016
Figure 2015 Global Frequency to Voltage Converter Capacity Market Share by Regions
Source: QYR Electronics Research Center, Dec. 2016
3.2 Global Frequency to Voltage Converter Production and Market Share by Regions
(2011-2016)
Table Global Frequency to Voltage Converter Production by Regions (2011-2016)
North America
Europe
China
Japan
Taiwan
India
Row
ROW
Total
Source: QYR Electronics Research Center, Dec. 2016
Figure Global Frequency to Voltage Converter 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 Frequency to Voltage Converter Production Market Share by Regions (2011-2016)
Source: QYR Electronics Research Center, Dec. 2016
Figure 2015 Global Frequency to Voltage Converter Production Market Share by Regions
Source: QYR Electronics Research Center, Dec. 2016
3.3 Global Frequency to Voltage Converter Revenue (Value) and Market Share by
Regions (2011-2016)
Table Global Frequency to Voltage Converter Revenue by Regions (2011-2016)
North America
Europe
China
Japan
Taiwan
India
Row
ROW
Total
Source: QYR Electronics Research Center, Dec. 2016
Table Global Frequency to Voltage Converter 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 Frequency to Voltage Converter Revenue Market Share by Regions

Source: QYR Electronics Research Center, Dec. 2016

3.4 Global Frequency to Voltage Converter Capacity, Production, Revenue, Price and

Gross Margin (2011-2016)

Table Global Frequency to Voltage Converter 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

3.5North America Frequency to Voltage Converter Capacity, Production, Revenue,

Price and Gross Margin (2011-2016)

Table North America Frequency to Voltage Converter 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 Frequency to Voltage Converter Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Europe Frequency to Voltage Converter 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 Frequency to Voltage Converter Capacity, Production, Revenue, Price and

Gross Margin (2011-2016)

Table China Frequency to Voltage Converter 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 Frequency to Voltage Converter Capacity, Production, Revenue, Price and

Gross Margin (2011-2016)

Table Japan Frequency to Voltage Converter 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 Frequency to Voltage Converter Capacity, Production, Revenue, Price and

Gross Margin (2011-2016)

Table Taiwan Frequency to Voltage Converter 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 Frequency to Voltage Converter Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table India Frequency to Voltage Converter 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 Frequency to Voltage Converter Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Row Frequency to Voltage Converter 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 Frequency to Voltage Converter Supply (Production), Consumption, Export, Import by Regions (2011-2016)

4.1 Global Frequency to Voltage Converter Consumption by Regions (2011-2016) Table Global Frequency to Voltage Converter Consumption Market by Regions (2011-2016)

North America

Europe

China

Japan



_						
	2	ı	1	1	2	n
	а	ı	v	V	а	

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Table Global Frequency to Voltage Converter 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 Frequency to Voltage Converter Consumption Market Share by Regions

(2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Global Frequency to Voltage Converter Consumption Market Share by Regions

Source: QYR Electronics Research Center, Dec. 2016

4.2North America Frequency to Voltage Converter Production, Consumption, Export, Import by Regions (2011-2016)

Table North America Frequency to Voltage Converter Production, Consumption, Import & Export (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

4.3 Europe Frequency to Voltage Converter Production, Consumption, Export, Import by Regions (2011-2016)

Table Europe Frequency to Voltage Converter Production, Consumption, Import & Export (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

4.4 China Frequency to Voltage Converter Production, Consumption, Export, Import by Regions (2011-2016)

Table China Frequency to Voltage Converter Production, Consumption, Import & Export (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016



4.5 Japan Frequency to Voltage Converter Production, Consumption, Export, Import by Regions (2011-2016)

Table Japan Frequency to Voltage Converter Production, Consumption, Import & Export (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

4.6 Taiwan Frequency to Voltage Converter Production, Consumption, Export, Import by Regions (2011-2016)

Table Taiwan Frequency to Voltage Converter Production, Consumption, Import & Export (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

4.7 India Frequency to Voltage Converter Production, Consumption, Export, Import by Regions (2011-2016)

Table India Frequency to Voltage Converter Production, Consumption, Import & Export (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

4.8 Row Frequency to Voltage Converter Production, Consumption, Export, Import by Regions (2011-2016)

Table Row Frequency to Voltage Converter Production, Consumption, Import & Export (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

5 Global Frequency to Voltage Converter Production, Revenue (Value), Price Trend by Types

5.1 Global Frequency to Voltage Converter Production and Market Share by Types (2011-2016)

Table Global Frequency to Voltage Converter Production by Types (2011-2016)

4V-6V

6V-8V

Total

Source: QYR Electronics Research Center, Dec. 2016

Table Global Frequency to Voltage Converter Production Share by Types (2011-2016)

4V-6V

6V-8V

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Production Market Share of Frequency to Voltage Converter by Types (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Production Market Share of Frequency to Voltage Converter by Types

Source: QYR Electronics Research Center, Dec. 2016



5.2 Global Frequency to Voltage Converter Revenue and Market Share by Types (2011-2016)

Table Global Frequency to Voltage Converter Revenue by Types (2011-2016)

4V-6V

6V-8V

Total

Source: QYR Electronics Research Center, Dec. 2016

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