+44 20 8123 2220
info@marketpublishers.com

Global Haptic Drivers Market Research Report 2016

https://marketpublishers.com/r/GF9334EAF5DEN.html
Date: January 2017
Pages: 129
Price: US$ 2,999.00 (Single User License)
ID: GF9334EAF5DEN

Abstracts

This report studies Haptic 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

Texas Instruments

National Semiconductor

Fairchild Semiconductor

Maxim Integrated Products.

Aito

Arkema

Artificial Muscle Inc.

General Vibration

Immersion Corporation

Novasentis

Precision Microdrives

Redux Labs

+44 20 8123 2220
info@marketpublishers.com

Solvay

Tactus Technologies

Ultrahaptics Ltd

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

North America

China

Europe

Japan

Taiwan

India

Row

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

ERM

Analog

I2C

PWM

LRA

+44 20 8123 2220
info@marketpublishers.com

Analog

I2C

PWM

Piezo

Analog

I2C

PWM

Solenoid

Analog

I2C

PWM

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

Consumer Electronics

Gaming

Automotive

Medical

Home appliance, commercial and other

+44 20 8123 2220
info@marketpublishers.com

Contents

Global Haptic Drivers Market Research Report 2016

1 HAPTIC DRIVERS MARKET OVERVIEW

1.1 Product Overview and Scope of Haptic Drivers
1.2 Haptic Drivers Segment by Types
  1.2.1 Global Production Market Share of Haptic Drivers by Types in 2015
  1.2.2 ERM
    1.2.2.1 Analog
    1.2.2.1 I2C
    1.2.2.1 PWM
  1.2.3 LRA
    1.2.3.1 Analog
    1.2.3.1 I2C
    1.2.3.1 PWM
  1.2.4 Piezo
    1.2.4.1 Analog
    1.2.4.1 I2C
    1.2.4.1 PWM
  1.2.5 Solenoid
    1.2.5.1 Analog
    1.2.5.1 I2C
    1.2.5.1 PWM
1.3 Haptic Drivers Segment by Applications
  1.3.1 Haptic Drivers Consumption Market Share by Applications in 2015
  1.3.2 Consumer Electronics
  1.3.3 Gaming
  1.3.4 Automotive
  1.3.5 Medical
  1.3.6 Home appliance, commercial and other
1.4 Haptic Drivers Market by Regions
  1.4.1North America Status and Prospect (2011-2021)
  1.4.2 China Status and Prospect (2011-2021)
  1.4.3 Europe Status and Prospect (2011-2021)
  1.4.4 Japan Status and Prospect (2011-2021)
  1.4.5 Taiwan Status and Prospect (2011-2021)
  1.4.6 India Status and Prospect (2011-2021)

+44 20 8123 2220
info@marketpublishers.com

1.4.7 Row Status and Prospect (2011-2021)
1.5 Global Market Size (Value) of Haptic Drivers (2011-2021)

2 GLOBAL HAPTIC DRIVERS MARKET COMPETITION BY MANUFACTURERS

2.1 Global Haptic Drivers Capacity, Production and Share by Manufacturers (2015 and 2016)
2.2 Global Haptic Drivers Revenue and Share by Manufacturers (2015 and 2016)
2.3 Global Haptic Drivers Average Price by Manufacturers (2015 and 2016)
2.4 Manufacturers Haptic Drivers Manufacturing Base Distribution, Sales Area, Actuator& Input Signal Types
2.5 Haptic Drivers Market Competitive Situation and Trends
2.5.1 Haptic Drivers Market Concentration Rate
2.5.2 Haptic Drivers Market Share of Top 3 and Top 5 Manufacturers
2.5.3 Mergers & Acquisitions, Expansion

3 GLOBAL HAPTIC DRIVERS CAPACITY, PRODUCTION, REVENUE (VALUE) BY REGIONS (2011-2016)

3.1 Global Haptic Drivers Capacity and Market Share by Regions (2011-2016)
3.2 Global Haptic Drivers Production and Market Share by Regions (2011-2016)
3.3 Global Haptic Drivers Revenue (Value) and Market Share by Regions (2011-2016)
3.4 Global Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
3.5North America Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
3.6 Europe Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
3.7 China Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
3.8 Japan Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
3.9 Taiwan Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
3.10 India Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
3.11 Row Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

+44 20 8123 2220
info@marketpublishers.com

4 GLOBAL HAPTIC DRIVERS SUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGIONS (2011-2016)

4.1 Global Haptic Drivers Consumption by Regions (2011-2016)
4.2North America Haptic Drivers Production, Consumption, Export, Import by Regions (2011-2016)
4.3 Europe Haptic Drivers Production, Consumption, Export, Import by Regions (2011-2016)
4.4 China Haptic Drivers Production, Consumption, Export, Import by Regions (2011-2016)
4.5 Japan Haptic Drivers Production, Consumption, Export, Import by Regions (2011-2016)
4.6 Taiwan Haptic Drivers Production, Consumption, Export, Import by Regions (2011-2016)
4.7 India Haptic Drivers Production, Consumption, Export, Import by Regions (2011-2016)
4.8 Row Haptic Drivers Production, Consumption, Export, Import by Regions (2011-2016)

5 GLOBAL HAPTIC DRIVERS PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPES

5.1 Global Haptic Drivers Production and Market Share by Types (2011-2016)
5.2 Global Haptic Drivers Revenue and Market Share by Types (2011-2016)
5.3 Global Haptic Drivers Price by Type (2011-2016)
5.4 Global Haptic Drivers Production Growth by Type (2011-2016)

6 GLOBAL HAPTIC DRIVERS MARKET ANALYSIS BY APPLICATIONS

6.1 Global Haptic Drivers Consumption and Market Share by Applications (2011-2016)
6.2 Global Haptic Drivers Consumption Growth Rate by Applications (2011-2016)
6.3 Market Drivers and Opportunities
  6.3.1 Potential Applications
  6.3.2 Emerging Markets/Countries

7 GLOBAL HAPTIC DRIVERS MANUFACTURERS PROFILES/ANALYSIS

7.1 Texas Instruments
  7.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its

+44 20 8123 2220
info@marketpublishers.com

Competitors
7.1.2 Haptic Drivers Actuator& Input Signal Types, Application and Specification
7.1.2.1 Type one
7.1.2.2 Type two
7.1.3 Texas Instruments Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
7.2 National Semiconductor
7.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
7.2.2 Haptic Drivers Actuator& Input Signal Types, Application and Specification
7.2.2.1 Type one
7.2.2.2 Type two
7.2.3 National Semiconductor Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
7.3 Fairchild Semiconductor
7.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
7.3.2 Haptic Drivers Actuator& Input Signal Types, Application and Specification
7.3.2.1 Type one
7.3.2.2 Type two
7.3.3 Fairchild Semiconductor Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
7.4 Maxim Integrated Products.
7.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
7.4.2 Haptic Drivers Actuator& Input Signal Types, Application and Specification
7.4.2.1 Type one
7.4.2.2 Type two
7.4.3 Maxim Integrated Products. Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
7.5 Aito
7.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
7.5.2 Haptic Drivers Actuator& Input Signal Types, Application and Specification
7.5.2.1 Type one
7.5.2.2 Type two
7.5.3 Aito Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
7.6 Arkema

+44 20 8123 2220
info@marketpublishers.com

7.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
7.6.2 Haptic Drivers Actuator& Input Signal Types, Application and Specification
7.6.2.1 Type one
7.6.2.2 Type two
7.6.3 Arkema Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
7.7 Artificial Muscle Inc.
7.7.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
7.7.2 Haptic Drivers Actuator& Input Signal Types, Application and Specification
7.7.2.1 Type one
7.7.2.2 Type two
7.7.3 Artificial Muscle Inc. Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
7.8 General Vibration
7.8.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
7.8.2 Haptic Drivers Actuator& Input Signal Types, Application and Specification
7.8.2.1 Type one
7.8.2.2 Type two
7.8.3 General Vibration Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
7.9 Immersion Corporation
7.9.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
7.9.2 Haptic Drivers Actuator& Input Signal Types, Application and Specification
7.9.2.1 Type one
7.9.2.2 Type two
7.9.3 Immersion Corporation Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
7.10 Novasentis
7.10.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
7.10.2 Haptic Drivers Actuator& Input Signal Types, Application and Specification
7.10.2.1 Type one
7.10.2.2 Type two
7.10.3 Novasentis Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

+44 20 8123 2220
info@marketpublishers.com

7.11 Precision Microdrives
7.12 Redux Labs
7.13 Solvay
7.14 Tactus Technologies
7.15 Ultrahaptics Ltd
7.16 Company
7.17 Company
7.18 Company
7.19 Company
7.20 Company

8 HAPTIC DRIVERS MANUFACTURING COST ANALYSIS

8.1 Haptic Drivers Key Raw Materials Analysis
  8.1.1 Key Raw Materials
  8.1.2 Price Trend of Key Raw Materials
  8.1.3 Key Suppliers of Raw Materials
  8.1.4 Market Concentration Rate of Raw Materials
8.2 Proportion of Manufacturing Cost Structure
  8.2.1 Raw Materials
  8.2.2 Labor Cost
  8.2.3 Manufacturing Expenses
8.3 Manufacturing Process Analysis of Haptic Drivers

9 GAMING CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

9.1 Haptic Drivers Gaming Chain Analysis
9.2 Upstream Raw Materials Sourcing
9.3 Raw Materials Sources of Haptic Drivers Major Manufacturers in 2015
9.4 Downstream Buyers

10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

10.1 Marketing Channel
  10.1.1 Direct Marketing
  10.1.2 Indirect Marketing
  10.1.3 Marketing Channel Development Trend
10.2 Market Positioning
  10.2.1 Pricing Strategy

+44 20 8123 2220
info@marketpublishers.com

10.2.2 Brand Strategy
10.2.3 Target Client
10.3 Distributors/Traders List

11 MARKET EFFECT FACTORS ANALYSIS

11.1 Technology Progress/Risk
11.1.1 Substitutes Threat
11.1.2 Technology Progress in Related Industry
11.2 Consumer Needs/Customer Preference Change
11.3 Economic/Political Environmental Change

12 GLOBAL HAPTIC DRIVERS MARKET FORECAST (2016-2021)

12.1 Global Haptic Drivers Capacity, Production, Revenue Forecast (2016-2021)
12.2 Global Haptic Drivers Production, Consumption Forecast by Regions (2016-2021)
12.3 Global Haptic Drivers Production Forecast by Type (2016-2021)
12.4 Global Haptic Drivers Consumption Forecast by Application (2016-2021)
12.5 Haptic Drivers Price Forecast (2016-2021)

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

Author List
Disclosure Section
Research Methodology
Data Source
Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Haptic Drivers
Figure Global Production Market Share of Haptic Drivers by Types in 2015
Table Classification of Haptic Drivers
Figure Product Picture of ERM
Table Major Manufacturers of ERM
Figure Product Picture of LRA
Table Major Manufacturers of LRA
Figure Product Picture of Piezo
Table Major Manufacturers of Piezo
Figure Product Picture of Solenoid
Table Major Manufacturers of Solenoid
Table Haptic Drivers Consumption Market Share by Applications in 2015
Table Applications of Haptic Drivers
Figure Consumer Electronics Examples
Figure Gaming Examples
Figure Automotive Examples
Figure Medical Examples
Figure Home appliance, commercial and other Examples
Figure North America Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Figure China Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Figure Europe Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Figure Japan Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Figure Taiwan Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Figure India Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Figure Row Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Figure Global Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Table Global Haptic Drivers Capacity of Key Manufacturers (2015 and 2016)
Table Global Haptic Drivers Capacity Market Share of Key Manufacturers (2015 and 2016)
Figure Global Haptic Drivers Capacity of Key Manufacturers in 2015
Figure Global Haptic Drivers Capacity of Key Manufacturers in 2016
Table Global Haptic Drivers Production of Key Manufacturers (2015 and 2016)
Table Global Haptic Drivers Production Share by Manufacturers (2015 and 2016)
Figure 2015 Haptic Drivers Production Share by Manufacturers

+44 20 8123 2220
info@marketpublishers.com

Figure 2016 Haptic Drivers Production Share by Manufacturers
Table Global Haptic Drivers Revenue (Million USD) by Manufacturers (2015 and 2016)
Table Global Haptic Drivers Revenue Share by Manufacturers (2015 and 2016)
Table 2015 Global Haptic Drivers Revenue Share by Manufacturers
Table 2016 Global Haptic Drivers Revenue Share by Manufacturers
Table Global Market Haptic Drivers Average Price of Key Manufacturers (2015 and 2016)
Figure Global Market Haptic Drivers Average Price of Key Manufacturers in 2015
Table Manufacturers Haptic Drivers Manufacturing Base Distribution and Sales Area
Table Manufacturers Haptic Drivers Actuator& Input Signal Types
Figure Haptic Drivers Market Share of Top 3 Manufacturers
Figure Haptic Drivers Market Share of Top 5 Manufacturers
Table Global Haptic Drivers Capacity by Regions (2011-2016)
Figure Global Haptic Drivers Capacity Market Share by Regions (2011-2016)
Figure Global Haptic Drivers Capacity Market Share by Regions (2011-2016)
Figure 2015 Global Haptic Drivers Capacity Market Share by Regions
Table Global Haptic Drivers Production by Regions (2011-2016)
Figure Global Haptic Drivers Production and Market Share by Regions (2011-2016)
Figure Global Haptic Drivers Production Market Share by Regions (2011-2016)
Figure 2015 Global Haptic Drivers Production Market Share by Regions
Table Global Haptic Drivers Revenue by Regions (2011-2016)
Table Global Haptic Drivers Revenue Market Share by Regions (2011-2016)
Table 2015 Global Haptic Drivers Revenue Market Share by Regions
Table Global Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table North America Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table Europe Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table China Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table Japan Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table Taiwan Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table India Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table Row Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

+44 20 8123 2220
info@marketpublishers.com

Table Global Haptic Drivers Consumption Market by Regions (2011-2016)
Table Global Haptic Drivers Consumption Market Share by Regions (2011-2016)
Figure Global Haptic Drivers Consumption Market Share by Regions (2011-2016)
Figure 2015 Global Haptic Drivers Consumption Market Share by Regions
Table North America Haptic Drivers Production, Consumption, Import & Export (2011-2016)
Table Europe Haptic Drivers Production, Consumption, Import & Export (2011-2016)
Table China Haptic Drivers Production, Consumption, Import & Export (2011-2016)
Table Japan Haptic Drivers Production, Consumption, Import & Export (2011-2016)
Table Taiwan Haptic Drivers Production, Consumption, Import & Export (2011-2016)
Table India Haptic Drivers Production, Consumption, Import & Export (2011-2016)
Table Row Haptic Drivers Production, Consumption, Import & Export (2011-2016)
Table Global Haptic Drivers Production by Types (2011-2016)
Table Global Haptic Drivers Production Share by Types (2011-2016)
Figure Production Market Share of Haptic Drivers by Types (2011-2016)
Figure 2015 Production Market Share of Haptic Drivers by Types
Table Global Haptic Drivers Revenue by Types (2011-2016)
Table Global Haptic Drivers Revenue Share by Types (2011-2016)
Figure Production Revenue Share of Haptic Drivers by Types (2011-2016)
Figure 2015 Revenue Market Share of Haptic Drivers by Types
Table Global Haptic Drivers Price by Types (2011-2016)
Figure Global Haptic Drivers Production Growth by Type (2011-2016)
Table Global Haptic Drivers Consumption by Applications (2011-2016)
Table Global Haptic Drivers Consumption Market Share by Applications (2011-2016)
Figure Global Haptic Drivers Consumption Market Share by Applications in 2015
Table Global Haptic Drivers Consumption Growth Rate by Applications (2011-2016)
Figure Global Haptic Drivers Consumption Growth Rate by Applications (2011-2016)
Table Texas Instruments Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Texas Instruments Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
Figure Texas Instruments Haptic Drivers Market Share (2015 and 2016)
Table National Semiconductor Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table National Semiconductor Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Figure National Semiconductor Haptic Drivers Market Share (2015 and 2016)
Table Fairchild Semiconductor Basic Information, Manufacturing Base, Sales Area and Its Competitors

+44 20 8123 2220
info@marketpublishers.com

Table Fairchild Semiconductor Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Figure Fairchild SemiconductorHaptic Drivers Market Share (2015 and 2016)
Table Maxim Integrated Products. Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Maxim Integrated Products. Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Figure Maxim Integrated Products. Haptic Drivers Market Share (2015 and 2016)
Table Aito Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Aito Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Figure Aito Haptic Drivers Market Share (2015 and 2016)
Table Arkema Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Arkema Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
Figure Arkema Haptic Drivers Market Share (2015 and 2016)
Table Artificial Muscle Inc. Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Artificial Muscle Inc. Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
Figure Artificial Muscle Inc. Haptic Drivers Market Share (2015 and 2016)
Table General Vibration Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table General Vibration Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Figure General Vibration Haptic Drivers Market Share (2015 and 2016)
Table Immersion Corporation Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Immersion Corporation Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
Figure Immersion Corporation Haptic Drivers Market Share (2015 and 2016)
Table Novasentis Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Novasentis Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Figure Novasentis Haptic Drivers Market Share (2015 and 2016)
Table Production Base and Market Concentration Rate of Raw Material
Figure Price Trend of Key Raw Materials
Table Key Suppliers of Raw Materials

+44 20 8123 2220
info@marketpublishers.com

Figure Manufacturing Cost Structure of Haptic Drivers
Figure Manufacturing Process Analysis of Haptic Drivers
Figure Haptic Drivers Gaming Chain Analysis
Table Raw Materials Sources of Haptic Drivers Major Manufacturers in 2015
Table Major Buyers of Haptic Drivers
Table Distributors/Traders List
Figure Global Haptic Drivers Capacity, Production and Growth Rate Forecast (2016-2021)
Figure Global Haptic Drivers Revenue and Growth Rate Forecast (2016-2021)
Table Global Haptic Drivers Production Forecast by Regions (2016-2021)
Table Global Haptic Drivers Consumption Forecast by Regions (2016-2021)
Table Global Haptic Drivers Production Forecast by Type (2016-2021)
Table Global Haptic Drivers Consumption Forecast by Application (2016-2021)
1 Haptic Drivers Market Overview
1.1 Product Overview and Scope of Haptic Drivers
Haptic Drivers is a vibrating component (sometimes called actuator) such as a vibration motor or a linear resonant actuator which is driven by an electronic circuit. It is common for a microcontroller to decided when to vibrate and with which pattern, and for a dedicated haptic driver chip to control the actuator.
Figure Picture of Haptic Drivers
Source: Texas Instruments, QYR Electronics Research Center, Dec. 2016
1.2 Haptic Drivers Segment by Types
1.2.1 Global Production Market Share of Haptic Drivers by Types in 2015
Figure Global Production Market Share of Haptic Drivers by Types in 2015
Source: QYR Electronics Research Center, Dec. 2016
Table Classification of Haptic Drivers
Types
Feature
Description
1
2
3
Source: QYR Electronics Research Center, Dec. 2016
1.2.2 ERM
Figure Product Picture of ERM
Source: QYR Electronics Research Center, Dec. 2016
Table Major Manufacturers of ERM
Manufacturers
Location of Manufacturing Bases/Factories

+44 20 8123 2220
info@marketpublishers.com

1
2
3
Source: Above Companies; QYR Electronics Research Center, Dec. 2016
1.2.2.1 Analog
1.2.2.1 I2C
1.2.2.1 PWM
1.2.3 LRA
Figure Product Picture of LRA
Source: QYR Electronics Research Center, Dec. 2016
Table Major Manufacturers of LRA
Manufacturers
Location of Manufacturing Bases/Factories
1
2
3
Source: Above Companies; QYR Electronics Research Center, Dec. 2016
1.2.3.1 Analog
1.2.3.1 I2C
1.2.3.1 PWM
1.2.4 Piezo
Figure Product Picture of Piezo
Source: QYR Electronics Research Center, Dec. 2016
Table Major Manufacturers of Piezo
Manufacturers
Location of Manufacturing Bases/Factories
1
2
3
Source: Above Companies; QYR Electronics Research Center, Dec. 2016
1.2.4.1 Analog
1.2.4.1 I2C
1.2.4.1 PWM
1.2.5 Solenoid
Figure Product Picture of Solenoid
Source: QYR Electronics Research Center, Dec. 2016
Table Major Manufacturers of Solenoid
Manufacturers
Location of Manufacturing Bases/Factories

+44 20 8123 2220
info@marketpublishers.com

1
2
3
Source: Above Companies; QYR Electronics Research Center, Dec. 2016
1.2.5.1 Analog
1.2.5.1 I2C
1.2.5.1 PWM
1.3 Haptic Drivers Segment by Applications
1.3.1 Haptic Drivers Consumption Market Share by Applications in 2015
Table Haptic Drivers Consumption Market Share by Applications in 2015
Source: QYR Electronics Research Center, Dec. 2016
Table Applications of Haptic Drivers
Applications
Feature
Description
1
2
3
Source: QYR Electronics Research Center, Dec. 2016
1.3.2 Consumer Electronics
Consumer Electronics
Figure Consumer Electronics Examples
Source: QYR Electronics Research Center, Dec. 2016
1.3.3 Gaming
Gaming
Figure Gaming 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 Medical
Medical
Figure Medical Examples
Source: QYR Electronics Research Center, Dec. 2016
1.3.6 Home appliance, commercial and other
Home appliance, commercial and other
Figure Home appliance, commercial and other Examples
Source: QYR Electronics Research Center, Dec. 2016

+44 20 8123 2220
info@marketpublishers.com

1.4 Haptic Drivers Market by Regions
1.4.1North America Status and Prospect (2011-2021)
Figure North America Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Source: QYR Electronics Research Center, Dec. 2016
1.4.2 China Status and Prospect (2011-2021)
Figure China Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Source: QYR Electronics Research Center, Dec. 2016
1.4.3 Europe Status and Prospect (2011-2021)
Figure Europe Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Source: QYR Electronics Research Center, Dec. 2016
1.4.4 Japan Status and Prospect (2011-2021)
Figure Japan Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Source: QYR Electronics Research Center, Dec. 2016
1.4.5 Taiwan Status and Prospect (2011-2021)
Figure Taiwan Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Source: QYR Electronics Research Center, Dec. 2016
1.4.6 India Status and Prospect (2011-2021)
Figure India Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Source: QYR Electronics Research Center, Dec. 2016
1.4.7 Row Status and Prospect (2011-2021)
Figure Row Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Source: QYR Electronics Research Center, Dec. 2016
1.5 Global Market Size (Value) of Haptic Drivers (2011-2021)
Figure Global Haptic Drivers Revenue (Million USD) and Growth Rate (2011-2021)
Source: QYR Electronics Research Center, Dec. 2016
2 Global Haptic Drivers Market Competition by Manufacturers
2.1 Global Haptic Drivers Capacity, Production and Share by Manufacturers (2015 and 2016)
Table Global Haptic Drivers Capacity of Key Manufacturers (2015 and 2016)
Capacity
Texas Instruments
National Semiconductor
Fairchild Semiconductor
Maxim Integrated Products.
Aito
Total
Source: Above companies; QYR Electronics Research Center, Dec. 2016
Table Global Haptic Drivers Capacity Market Share of Key Manufacturers (2015 and

+44 20 8123 2220
info@marketpublishers.com

2016)
Capacity
Texas Instruments
National Semiconductor
Fairchild Semiconductor
Maxim Integrated Products.
Aito
Total
Source: Above companies; QYR Electronics Research Center, Dec. 2016
Figure Global Haptic Drivers Capacity of Key Manufacturers in 2015
Source: Above companies; QYR Electronics Research Center, Dec. 2016
Figure Global Haptic Drivers Capacity of Key Manufacturers in 2016
Source: Above companies; QYR Electronics Research Center, Dec. 2016
Table Global Haptic Drivers Production of Key Manufacturers (2015 and 2016)
Production
Texas Instruments
National Semiconductor
Fairchild Semiconductor
Maxim Integrated Products.
Aito
Total
Source: Above companies; QYR Electronics Research Center, Dec. 2016
Table Global Haptic Drivers 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 Haptic Drivers Production Share by Manufacturers
Source: Above companies; QYR Electronics Research Center, Dec. 2016
Figure 2016 Haptic Drivers Production Share by Manufacturers
Source: Above companies; QYR Electronics Research Center, Dec. 2016
2.2 Global Haptic Drivers Revenue and Share by Manufacturers (2015 and 2016)
Table Global Haptic Drivers Revenue (Million USD) by Manufacturers (2015 and 2016)
Revenue
Texas Instruments
National Semiconductor

+44 20 8123 2220
info@marketpublishers.com

Total
Source: Above companies; QYR Electronics Research Center, Dec. 2016
Table Global Haptic Drivers 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 Haptic Drivers Revenue Share by Manufacturers
Source: Above companies; QYR Electronics Research Center, Dec. 2016
Table 2016 Global Haptic Drivers Revenue Share by Manufacturers
Source: Above companies; QYR Electronics Research Center, Dec. 2016
2.3 Global Haptic Drivers Average Price by Manufacturers (2015 and 2016)
Table Global Market Haptic Drivers 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 Haptic Drivers Average Price of Key Manufacturers in 2015
Source: Above companies; QYR Electronics Research Center, Dec. 2016
2.4 Manufacturers Haptic Drivers Manufacturing Base Distribution, Sales Area, Actuator& Input Signal Types
Table Manufacturers Haptic Drivers 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 Haptic Drivers Actuator& Input Signal Types
Actuator& Input Signal Types
Texas Instruments
National Semiconductor
Source: Above companies; QYR Electronics Research Center, Dec. 2016
2.5 Haptic Drivers Market Competitive Situation and Trends?
2.5.1 Haptic Drivers Market Concentration Rate
2.5.2 Haptic Drivers Market Share of Top 3 and Top 5 Manufacturers
Figure Haptic Drivers Market Share of Top 3 Manufacturers
Source: Above companies; QYR Electronics Research Center, Dec. 2016

+44 20 8123 2220
info@marketpublishers.com

Figure Haptic Drivers Market Share of Top 5 Manufacturers
Source: Above companies; QYR Electronics Research Center, Dec. 2016
2.5.3 Mergers & Acquisitions, Expansion
3 Global Haptic Drivers Capacity, Production, Revenue (Value) by Regions (2011-2016)
3.1 Global Haptic Drivers Capacity and Market Share by Regions (2011-2016)
Table Global Haptic 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 Haptic 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 Haptic Drivers Capacity Market Share by Regions (2011-2016)
Source: QYR Electronics Research Center, Dec. 2016
Figure 2015 Global Haptic Drivers Capacity Market Share by Regions
Source: QYR Electronics Research Center, Dec. 2016
3.2 Global Haptic Drivers Production and Market Share by Regions (2011-2016)
Table Global Haptic Drivers Production by Regions (2011-2016)
North America
Europe
China
Japan
Taiwan
India

+44 20 8123 2220
info@marketpublishers.com

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

+44 20 8123 2220
info@marketpublishers.com

ROW
Total
Source: QYR Electronics Research Center, Dec. 2016
Table 2015 Global Haptic Drivers Revenue Market Share by Regions
Source: QYR Electronics Research Center, Dec. 2016
3.4 Global Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table Global Haptic 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
3.5North America Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table North America Haptic 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 Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table Europe Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Capacity
Production
Capacity Utilization Rate
Revenue

+44 20 8123 2220
info@marketpublishers.com

Price
Gross Profit
Cost
Gross Margin
Source: QYR Electronics Research Center, Dec. 2016
3.7 China Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table China Haptic 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 Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table Japan Haptic 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 Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table Taiwan Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Capacity
Production
Capacity Utilization Rate
Revenue

+44 20 8123 2220
info@marketpublishers.com

Price
Gross Profit
Cost
Gross Margin
Source: QYR Electronics Research Center, Dec. 2016
3.10 India Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table India Haptic 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 Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table Row Haptic 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 Haptic Drivers Supply (Production), Consumption, Export, Import by Regions (2011-2016)
4.1 Global Haptic Drivers Consumption by Regions (2011-2016)
Table Global Haptic Drivers Consumption Market by Regions (2011-2016)
North America
Europe
China
Japan

+44 20 8123 2220
info@marketpublishers.com

Taiwan
India
Row
ROW
Total
Source: QYR Electronics Research Center, Dec. 2016
Table Global Haptic 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 Haptic Drivers Consumption Market Share by Regions (2011-2016)
Source: QYR Electronics Research Center, Dec. 2016
Figure 2015 Global Haptic Drivers Consumption Market Share by Regions
Source: QYR Electronics Research Center, Dec. 2016
4.2North America Haptic Drivers Production, Consumption, Export, Import by Regions (2011-2016)
Table North America Haptic Drivers Production, Consumption, Import & Export (2011-2016)
Source: QYR Electronics Research Center, Dec. 2016
4.3 Europe Haptic Drivers Production, Consumption, Export, Import by Regions (2011-2016)
Table Europe Haptic Drivers Production, Consumption, Import & Export (2011-2016)
Source: QYR Electronics Research Center, Dec. 2016
4.4 China Haptic Drivers Production, Consumption, Export, Import by Regions (2011-2016)
Table China Haptic Drivers Production, Consumption, Import & Export (2011-2016)
Source: QYR Electronics Research Center, Dec. 2016
4.5 Japan Haptic Drivers Production, Consumption, Export, Import by Regions (2011-2016)
Table Japan Haptic Drivers Production, Consumption, Import & Export (2011-2016)
Source: QYR Electronics Research Center, Dec. 2016
4.6 Taiwan Haptic Drivers Production, Consumption, Export, Import by Regions

+44 20 8123 2220
info@marketpublishers.com

(2011-2016)
Table Taiwan Haptic Drivers Production, Consumption, Import & Export (2011-2016)
Source: QYR Electronics Research Center, Dec. 2016
4.7 India Haptic Drivers Production, Consumption, Export, Import by Regions (2011-2016)
Table India Haptic Drivers Production, Consumption, Import & Export (2011-2016)
Source: QYR Electronics Research Center, Dec. 2016
4.8 Row Haptic Drivers Production, Consumption, Export, Import by Regions (2011-2016)
Table Row Haptic Drivers Production, Consumption, Import & Export (2011-2016)
Source: QYR Electronics Research Center, Dec. 2016
5 Global Haptic Drivers Production, Revenue (Value), Price Trend by Types
5.1 Global Haptic Drivers Production and Market Share by Types (2011-2016)
Table Global Haptic Drivers Production by Types (2011-2016)
ERM
LRA
Total
Source: QYR Electronics Research Center, Dec. 2016
Table Global Haptic Drivers Production Share by Types (2011-2016)
ERM
LRA
Total
Source: QYR Electronics Research Center, Dec. 2016
Figure Production Market Share of Haptic Drivers by Types (2011-2016)
Source: QYR Electronics Research Center, Dec. 2016
Figure 2015 Production Market Share of Haptic Drivers by Types
Source: QYR Electronics Research Center, Dec. 2016
5.2 Global Haptic Drivers Revenue and Market Share by Types (2011-2016)
Table Global Haptic Drivers Revenue by Types (2011-2016)
ERM
LRA
Total
Source: QYR Electronics Research Center, Dec. 2016
Table Global Haptic Drivers Revenue Share by Types (2011-2016)
ERM
LRA
Total
Source: QYR Electronics Research Center, Dec. 2016
Figure Production Revenue Share of Haptic Drivers by Types (2011-2016)

+44 20 8123 2220
info@marketpublishers.com

Source: QYR Electronics Research Center, Dec. 2016
Figure 2015 Revenue Market Share of Haptic Drivers by Types
Source: QYR Electronics Research Center, Dec. 2016
5.3 Global Haptic Drivers Price by Type (2011-2016)
Table Global Haptic Drivers Price by Types (2011-2016)
ERM
LRA
Total
Source: QYR Electronics Research Center, Dec. 2016
5.4 Global Haptic Drivers Production Growth by Type (2011-2016)
Figure Global Haptic Drivers Production Growth by Type (2011-2016)
Source: QYR Electronics Research Center, Dec. 2016
6 Global Haptic Drivers Market Analysis by Applications
6.1 Global Haptic Drivers Consumption and Market Share by Applications (2011-2016)
Table Global Haptic Drivers Consumption by Applications (2011-2016)
Consumer Electronics
Gaming
Total
Source: QYR Electronics Research Center, Dec. 2016
Table Global Haptic Drivers Consumption Market Share by Applications (2011-2016)
Consumer Electronics
Gaming
Total
Source: QYR Electronics Research Center, Dec. 2016
Figure Global Haptic Drivers Consumption Market Share by Applications in 2015
Source: QYR Electronics Research Center, Dec. 2016
6.2 Global Haptic Drivers Consumption Growth Rate by Applications (2011-2016)
Table Global Haptic Drivers Consumption Growth Rate by Applications (2011-2016)
Consumer Electronics
Gaming
Source: QYR Electronics Research Center, Dec. 2016
Figure Global Haptic 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 Haptic Drivers Manufacturers Profiles/Analysis
7.1 Texas Instruments
7.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its

+44 20 8123 2220
info@marketpublishers.com

Competitors
Table Texas Instruments Basic Information, Manufacturing Base, Sales Area and Its Competitors
#
Item
Description
1
Company Name
2
Website
3
Commercial Production Date of Haptic Drivers
4
Manufacturing Locations of Haptic Drivers
5
Haptic Drivers Sales Area
6
Main Business/Business Overview
7
Contact Information
Source: Texas Instruments; QYR Electronics Research Center, Dec. 2016
7.1.2 Haptic Drivers Actuator& Input Signal Types, Application and Specification
7.1.2.1 Type one
7.1.2.2 Type two
7.1.3 Texas Instruments Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
Table Texas Instruments Haptic Drivers Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
Source: Texas Instruments; QYR Electronics Research Center, Dec. 2016
Figure Texas Instruments Haptic Drivers Market Share (2015 and 2016)
Source: Texas Instruments; QYR Electronics Research Center, De

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Global Haptic Drivers Market Research Report 2016
Product link: https://marketpublishers.com/r/GF9334EAF5DEN.html
Price: US$ 2,999.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GF9334EAF5DEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970