

Haptic Technology: Applications and Global Markets

<https://marketpublishers.com/r/H2B40F93E00EN.html>

Date: June 2017

Pages: 181

Price: US\$ 2,750.00 (Single User License)

ID: H2B40F93E00EN

Abstracts

The global haptic technology actuator market reached \$4.4 billion in 2016. The market should reach \$6.6 billion in 2017 and \$12.8 billion by 2022, growing at a compound annual growth rate (CAGR) of 14.3% from 2017 through 2022.

Mobile computing and portable devices market for haptic technology actuators reached \$2.2 billion in 2016. The market should reach \$3.3 billion in 2017 and \$5.7 billion by 2022, growing at a CAGR of 11.4% from 2017 through 2022.

Consumer electronics and residential application market for haptic technology actuators reached \$89 million in 2016. The market should reach \$144 million in 2017 and \$429 million by 2022, growing at a CAGR of 24.4% from 2017 through 2022.

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Trends by Assignee

Actuation Output Feedback Management and Manipulation

Automotive, Transportation, Railways, Waterways, Aviation, and Space Applications

EAP Actuator Technology and Component Design

Entertainment, Consumer Electronics, Telecommunications, and Multimedia Application

ERM Actuator Technology and Component Design

Gaming, Modeling and Virtual Reality Applications

Healthcare, Hygiene, Personal Care, and Medical Device Applications

Integrated Sensing and Actuation Mechanism Management

Mechanism for Collection, Calibration and Interpretation of User Inputs

Mobile Computing and Navigation Applications

Other Advanced Actuator Technology and Component Design

Personal Computer and Server Software and Peripherals Applications

Piezoelectric Actuator Technology and Component Design

Robotic and Other Industrial Applications

Vibration Mechanism Localization, Distribution, Intensity, and Pattern Management

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ERM/LRA Component Makers

Piezoelectric Actuator Experts

EAP Specialists

Niche Actuation Technology Developers

Display, Touch Screen and Input Interface Manufacturers

Semiconductor Device Makers

OEMs

IP Owners

Key Company Profiles

3D SYSTEMS

3M

AAC TECHNOLOGIES

AITO

APPLE

COVESTRO (BAYER)

BUJEON

CYPRESS

DENSITRON TECHNOLOGIES

FORCE DIMENSION

FUJITSU
GESTURETEK
HAPTION S.A.
HOKURIKU ELECTRIC
IMAGIS
IMMERSION
JAHWA ELECTRONICS
JOHNSON ELECTRIC
KONGHONG
KOTL-JINLONG
LS AUTOMOTIVE (FORMERLY DAESUNG ELECTRIC)
MAXIM INTEGRATED
MICROCHIP TECHNOLOGY
MICROSOFT
MINEBEA MITSUMI
NEC
NIDEC COPAL CORP.
PRECISION MICRODRIVES
REDUX LABS
SAMSUNG
SENSEG
SMK CORP.
SYNAPTICS
TACTICAL HAPTICS
TACTUS TECHNOLOGY
TDK
TI
ULTRAHAPTICS
YEIL ELECTRONICS
YOOSUNG PRECISION

Introduction

Haptic Technology and Solutions Offered
Analysis and Prospects

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PARKER HANNIFIN CORP. (ARTIFICIAL MUSCLE)

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NTK CERATEC

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