

Global Haptic Interface Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

Haptic Interface is a technology, which allows a human to establish a connection with an electronic device such as computers and smartphones by the body sensations and body movements. Each action of body refers to certain tasks and assist the user by giving desired result. Features such as hands free use of device, digital virtual assistance and scope in the virtual reality are playing the key role in the market driver.

According to our (Global Info Research) latest study, the global Haptic Interface market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Tactile feedback haptic technology driven by its applications in consumer electronic devices such as smartphones and tablets. The smartphones and tablets are inbuilt with tactile feedback and the trend has been shifting to wearable devices such as smartwatches and wristbands. The market for tactile feedback haptics is also expected to be driven by the increasing demand in several applications such as gaming, automotive, and healthcare, among others. Haptic technology has huge potential in the smartphone sector mainly because of the rise in smartphones equipped with large touch screen interfaces. The growing market for large-screen smartphones equipped with haptic technology will drive growth in the haptic technology market during the forecast period.

According to the report, the usage of smartphones and tablets has increased primarily in web-based and media-based applications, resulting in high penetration among individual customers. The demand for an interactive sensory experience by consumers drives the demand for devices with haptics. Future of Haptics Technology— Future

applications of haptic technology cover a wide spectrum of human interaction with technology. Current research focuses on the mastery of tactile interaction with holograms and distant objects, which if successful may result in applications and advancements in gaming, movies, manufacturing, medical, and other industries.[The medical industry stands to gain from virtual and telepresence surgeries, which provide new options for medical care. The clothing retail industry could gain from haptic technology by allowing users to 'feel' the texture of clothes for sale on the internet. Future advancements in haptic technology may create new industries that were previously not feasible or realistic.

This report is a detailed and comprehensive analysis for global Haptic Interface market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Haptic Interface market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (USD/Unit), 2018-2029

Global Haptic Interface market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (USD/Unit), 2018-2029

Global Haptic Interface market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (USD/Unit), 2018-2029

Global Haptic Interface market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (USD/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Haptic Interface

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Haptic Interface market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include AAC Technologies, Alps Electric, Nidec Corporation, Cypress Semiconductor and Texas Instruments, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Haptic Interface market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Hardware (Controllers, Sensors, Actuators)

Software

Market segment by Application

Manufacturing

Education and Training

Games

Automotive

Scientific

Major players covered

AAC Technologies

Alps Electric

Nidec Corporation

Cypress Semiconductor

Texas Instruments

Bluecom

On Semiconductor

Microchip

Johnson Electric

Immersion Corporation

Jinlong Machinery & Electronics

Precision Microdrives Limited.

Novasentis, Inc.

Mplus

TDK

Jahwa

PI Ceramic

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Haptic Interface product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Haptic Interface, with price, sales, revenue and global market share of Haptic Interface from 2018 to 2023.

Chapter 3, the Haptic Interface competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Haptic Interface breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Haptic Interface market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Haptic Interface.

Chapter 14 and 15, to describe Haptic Interface sales channel, distributors, customers, research findings and conclusion.

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