

# **MEMS Microphone Market: Global Drivers, Restraints, Opportunities, Trends, and Forecasts up to 2024**

<https://marketpublishers.com/r/M02B3773CF2EN.html>

Date: April 2018

Pages: 79

Price: US\$ 3,500.00 (Single User License)

ID: M02B3773CF2EN

## **Abstracts**

Global Optical Transceivers Market: Drivers, Restraints, Opportunities, Trends, and Forecasts up to 2024

Overview:

The global MEMS microphones market is expected to witness a significant growth driven by key factors including increasing number of MEMS microphones in mobile handsets, expanding voice assistance solutions, increasing adoption of MEMS microphones for hearing aids, and growing importance of MEMS microphones in internet of things (IoT) & automotive applications. According to our research, the market for MEMS microphones is growing at a steady phase. In terms of volume, the market is expected to reach 13.3 billion units by 2024. Additionally, an increasing interest on rugged MEMS microphones is expected to create new business opportunity for the vendors focusing on piezoelectric MEMS microphones. However, continuous fluctuation of profit margins due to declining average selling price, is the key challenge hindering the progression of global MEMS microphone market.

Market Revenue and Segmentation Analysis:

The global MEMS microphones market is expected to reach \$ 2,898.8 million by 2024, growing at 11.7% CAGR during the forecast period 2018 to 2024. The market is segmented based on signal to noise ratio (SNR), type, technology, and application. Based on signal to noise ratio (SNR), the market is segmented into less than and equal to 59 db (= 59 db), greater than 59 db and less than 64 db ( 59 db and 64 db), and greater than 64 db (64 db).

Based on type, the market is segmented into analog and digital. The digital segment was dominant in 2017 and is expected to remain so throughout the forecast period. This is mainly due to increased market supply.

Based on technology, the market is segmented into capacitive MEMS microphones and piezoelectric MEMS microphones.

Based on application, the market is segmented into mobile handsets, other consumer electronics, hearing aids, IoT & VR, and others

#### Regional Analysis:

Asia Pacific dominates the MEMS microphones market, followed by the Americas. In terms of revenue, Asia Pacific accounted for the highest market share in 2017 and is projected to remain dominant throughout the forecast period. This is mainly due to an expanding fabless business model and widespread presence of dedicated foundries/contract manufacturers in the region. The report also covers country-wise analysis of MEMS microphones market across various regions including Asia Pacific, Americas, and rest of the world (RoW).

#### Benefits and Vendors

The report contains an in-depth analysis of vendor profiles, which include financial health, business units, key business priorities, SWOT, strategies, and views; and competitive landscape. The report covers an in-depth analysis of various vendors in global MEMS microphones market including Knowles Electronics, LLC., STMicroelectronics, AAC Technologies, Cirrus Logic, TDK (InvenSense, Inc.), Robert Bosch GmbH (Akustica Inc.), DB Unlimited, BSE, Sonion, and Vesper Technologies, Inc.

The study offers a comprehensive analysis of the “Global MEMS Microphones Market”. Bringing out the complete key insights of the industry, the report aims to provide an insight on the latest trends, current market scenario, and technologies related to the market. In addition, it helps the venture capitalists to understand revenue opportunities across different segments to take better decisions

## Contents

### **1 REPORT SUMMARY**

- 1.1 Executive Summary
- 1.2 Scope of the Report
- 1.3 Industry Trends
- 1.4 PESTLE Analysis

### **2 REPORT OUTLINE**

- 2.1 Research Methodology
- 2.2 Report Assumptions

### **3 MARKET SNAPSHOT**

- 3.1 Total Addressable Market
- 3.2 Segmented Addressable Market
- 3.3 Related Market
  - 3.3.1 MEMS Market
  - 3.3.2 Global Semiconductor Market

### **4 MARKET OUTLOOK**

- 4.1 Overview
- 4.2 Market Definition – Infoholic Research
- 4.3 Segmentation
- 4.4 Porter 5 (Five) Forces

### **5 MARKET CHARACTERISTICS**

- 5.1 Market Trends
- 5.2 Market Dynamics
  - 5.2.1 Drivers
  - 5.2.2 Increasing number of MEMS microphones in mobile handsets
  - 5.2.3 Expanding voice assistance solutions
  - 5.2.4 Increasing adoption of MEMS microphones for Hearing Aids
- 5.3 Challenges
  - 5.3.1 Continuously reducing profit margin

## 5.4 Opportunities

### 5.4.1 Rising interest on rugged MEMS microphone

## 5.5 DRO – Impact Analysis

## **6 GLOBAL MEMS MICROPHONES MARKET, BY SNR: MARKET SIZE AND ANALYSIS**

### 6.1 Overview

#### 6.2 Less than and equal to 59 db (= 59 db)

#### 6.3 Greater than 59 db and less than 64 db ( 59 db and 64 db)

#### 6.4 Greater than 64 db (64 db)

## **7 GLOBAL MEMS MICROPHONE MARKET BY TYPE: MARKET SIZE & ANALYSIS**

### 7.1 Overview

#### 7.2 Analog

#### 7.3 Digital

## **8 GLOBAL MEMS MICROPHONE MARKET BY APPLICATION: MARKET VALUE & VOLUME ANALYSIS**

### 8.1 Overview

#### 8.2 Mobile Handsets

#### 8.3 Other Consumer Electronics

#### 8.4 Hearing Aids

#### 8.5 IoT & VR

#### 8.6 Others

## **9 GLOBAL MEMS MICROPHONE MARKET BY TYPE: MARKET SIZE & ANALYSIS**

### 9.1 Overview

#### 9.2 Capacitive MEMS Microphones

#### 9.3 Piezoelectric MEMS Microphones

## **10 GLOBAL MEMS MICROPHONE MARKET BY REGIONS**

### 10.1 Overview

#### 10.2 Asia Pacific

##### 10.2.1 Overview - Market Size and Analysis

10.2.2 Asia Pacific MEMS Microphones Market by data rate - Market Size and Analysis

10.2.3 Asia Pacific MEMS Microphones Market by Type - Market Size and Analysis

10.3 Americas

10.3.1 Overview - Market Size and Analysis

10.3.2 Americas MEMS Microphones Market by SNR - Market Size and Analysis

10.3.3 Americas MEMS Microphones Market by Type - Market Size and Analysis

10.4 Rest of World (RoW)

10.4.1 Overview - Market Size and Analysis

10.4.2 RoW MEMS Microphones Market by SNR - Market Size and Analysis

10.4.3 RoW MEMS Microphones Market by Type - Market Size and Analysis

## **11 COMPANY PROFILE**

11.1.1 Knowles Electronics, LLC.

11.1.2 Overview

11.1.3 Key Financials

11.1.4 Geographic Revenue

11.1.5 Product Offerings

11.1.6 Business Focus

11.1.7 SWOT Analysis

11.1.8 Business Strategy

11.2 STMicroelectronics

11.2.1 Overview

11.2.2 Key Financials

11.2.3 Product Offerings

11.2.4 Business Focus

11.2.5 SWOT Analysis

11.2.6 Business Strategy

11.3 AAC Technologies

11.3.1 Key Financials

11.3.2 Geographic Revenue

11.3.3 Product Offerings

11.3.4 Business Focus

11.3.5 SWOT Analysis

11.3.6 Business Strategy

11.4 Cirrus Logic

11.4.1 Overview

11.4.2 Key Financials

- 11.4.3 Geographic Revenue
- 11.4.4 Product Offerings
- 11.4.5 Business Focus
- 11.4.6 SWOT Analysis
- 11.4.7 Business Strategy
- 11.5 TDK (InvenSense, Inc.)
  - 11.5.1 Overview
  - 11.5.2 Key Financials
  - 11.5.3 Geographic Revenue
  - 11.5.4 Product Offerings
  - 11.5.5 Business Focus
  - 11.5.6 SWOT Analysis
  - 11.5.7 Business Strategy
- 11.6 Robert Bosch GmbH (Akustica Inc.)
  - 11.6.1 Overview
  - 11.6.2 Product Offerings
- 11.7 DB Unlimited
  - 11.7.1 Overview
  - 11.7.2 Offerings
- 11.8 BSE
  - 11.8.1 Overview
  - 11.8.2 Product Offerings
- 11.9 Sonion
  - 11.9.1 Overview
  - 11.9.2 Product Offerings
- 11.10 Vesper Technologies, Inc.
  - 11.10.1 Overview
  - 11.10.2 Product Offerings

Annexure

Abbreviations

Tables

Table 1 GLOBAL MEMS MICROPHONE MARKET BY REGION, 2018-2024  
(\$MILLION)

Table 2 GLOBAL MEMS MICROPHONES MARKET REVENUE (\$ MILLION), BY SNR,  
2018-2024

Table 3 GLOBAL MEMS MICROPHONES MARKET REVENUE BY TYPE, 2018-2024  
(\$MILLION)

Table 4 GLOBAL MEMS MICROPHONE MARKET VALUE BY APPLICATION,

2018-2024 (\$MILLION)

Table 5 GLOBAL MEMS MICROPHONE MARKET VOLUME BY APPLICATION,  
2018-2024 (MILLION UNITS)

Table 6 GLOBAL MEMS MICROPHONES MARKET BY TECHNOLOGY, 2018-2024  
(\$MILLION)

Table 7 GLOBAL MEMS MICROPHONES MARKET BY REGION, 2018-2024  
(\$MILLION)

Table 8 ASIA PACIFIC MEMS MICROPHONES MARKET BY DATARATE, 2018-2024  
(\$MILLION)

Table 9 ASIA PACIFIC MEMS MICROPHONES MARKET BY TYPE, 2018-2024  
(\$MILLION)

Table 10 AMERICAS MEMS MICROPHONE MARKET BY SNR, 2018-2024  
(\$MILLION)

Table 11 AMERICAS MEMS MICROPHONE MARKET BY TYPE, 2018-2024  
(\$MILLION)

Table 12 ROW MEMS MICROPHONES MARKET BY DATA RATE, 2018-2024  
(\$MILLION)

Table 13 ROW MEMS MICROPHONES MARKET BY COUNTRY, 2018-2024  
(\$MILLION)

?

## Charts

Chart 1 PESTLE ANALYSIS OF GLOBAL ENTERPRISE PERFORMANCE  
MANAGEMENT MARKET

Chart 2 RESEARCH METHODOLOGY OF THE ENTERPRISE PERFORMANCE  
MANAGEMENT MARKET

Chart 3 GLOBAL MEMS MICROPHONES MARKET REVENUE, 2018–2024  
(\$MILLION)

Chart 4 SEGMENTATION OF GLOBAL MEMS MICROPHONE MARKET

Chart 5 PORTERS 5 FORCES ON OPTICAL TRANSCEIVER MARKET

Chart 6 MARKET DYNAMICS – DRIVERS, RESTRAINTS, AND OPPORTUNITIES

Chart 7 DRO – IMPACT ANALYSIS OF ENTERPRISE PERFORMANCE  
MANAGEMENT MARKET

Chart 8 MEMS MICROPHONES MARKET REVENUE BY SNR, 2018-2024 (\$MILLION)

Chart 9 LESS THAN AND EQUAL TO 59 DB REVENUE, 2018-2024 (\$MILLION)

Chart 10 GREATER THAN 59 DB AND LESS THAN 64 DB REVENUE, 2018-2024  
(\$MILLION)

- Chart 11 GREATER THAN 64 DB REVENUE, 2018-2024 (\$MILLION)
- Chart 12 GLOBAL MEMS MICROPHONES MARKRT BY TYPE, 2018-2024 (\$MILLION)
- Chart 13 ANALOG SEGMENT REVENUE, 2018-2024 (\$MILLION)
- Chart 14 DIGITAL SEGMENT MARKET REVENUE, 2018-2024 (\$MILLION)
- Chart 15 GLOBAL MEMS MICROPHONES MARKRT VALUE BY TYPE, 2018-2024 (\$MILLION)
- Chart 16 MOBILE HANDSET SEGMENT MARKET REVENUE, 2018-2024 (\$MILLION)
- Chart 17 OTHER CONSUMER ELECTRONICS SEGMENT MARKET REVENUE, 2018-2024 (\$MILLION)
- Chart 18 HEARING AID SEGMENT MARKET REVENUE, 2018-2024 (\$MILLION)
- Chart 19 HEARING AID SEGMENT MARKET REVENUE, 2018-2024 (\$MILLION)
- Chart 20 OTHERS SEGMENT MARKET REVENUE, 2018-2024 (\$MILLION)
- Chart 21 CAPACITIVE MEMS MICROPHONES SEGMENT MARKET REVENUE, 2018-2024 (\$MILLION)
- Chart 22 PIEZOELECTRIC MEMS MICROPHONE SEGMENT MARKET REVENUE, 2018-2024 (\$MILLION)
- Chart 23 GLOBAL OPTICAL TRANSCEIVER MARKET REVENUE, BY REGION 2018-2024 (\$MILLION)
- Chart 24 ASIA PACIFIC MEMS MICROPHONES MARKET REVENUE, 2018-2024 (\$MILLION)
- Chart 25 ASIA PACIFIC MEMS MICROPHONES MARKET REVENUE BY SNR, 2018-2024 (\$MILLION)
- Chart 26 AMERICAS MEMS MICROPHONES MARKET REVENUE, 2018-2024 (\$MILLION)
- Chart 27 AMERICAS MEMS MICROPHONE MARKET REVENUE BY SNR, 2018-2024 (\$MILLION)
- Chart 28 AMERICAS MEMS MICROPHONE MARKET REVENUE BY TYPE, 2018-2024 (\$MILLION)
- Chart 29 ROW MEMS MICROPHONES MARKET REVENUE, 2018-2024 (\$MILLION)
- Chart 30 ROW MEMS MICROPHONES MARKET REVENUE BY SNR, 2018-2024 (\$MILLION)
- Chart 31 ROW MEMS MICROPHONES MARKET REVENUE BY TYPE, 2018-2024 (\$MILLION)
- Chart 32 KNOWLES ELECTRONICS, LLC.: MARKET OUTLOOK
- Chart 33 KNOWLES ELECTRONICS, LLC.: KEY FINANCIALS
- Chart 34 KNOWLES ELECTRONICS, LLC: GEOGRAPHIC REVENUE
- Chart 35 KNOWLES ELECTRONICS, LLC.: SWOT ANALYSIS
- Chart 36 STMICROELECTRONICS COMPANY PROFILE: MARKET OUTLOOK



- Chart 37 STMICROELECTRONICS: KEY FINANCIALS
- Chart 38 STMICROELECTRONICS - GEOGRAPHICAL REVENUE
- Chart 39 STMICROELECTRONICS: SWOT ANALYSIS
- Chart 40 AC TECHNOLOGIES: MARKET OUTLOOK
- Chart 41 AAC TECHNOLOGIES: KEY FINANCIALS
- Chart 42 AAC TECHNOLOGIES.: GEOGRAPHIC REVENUE
- Chart 43 AAC TECHNOLOGIES: SWOT ANALYSIS
- Chart 44 CIRRUS LOGIC: MARKET OUTLOOK
- Chart 45 CIRRUS LOGIC: BUSINESS UNITS
- Chart 46 CIRRUS LOGIC: GEOGRAPHIC REVENUE
- Chart 47 CIRRUS LOGIC: SWOT ANALYSIS
- Chart 48 TDK: COMPANY PROFILE
- Chart 49 TDK : GEOGRAPHIC REVENUE
- Chart 50 TDK: SWOT ANALYSIS

## I would like to order

Product name: MEMS Microphone Market: Global Drivers, Restraints, Opportunities, Trends, and Forecasts up to 2024

Product link: <https://marketpublishers.com/r/M02B3773CF2EN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M02B3773CF2EN.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**

Customer 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

