+44 20 8123 2220
info@marketpublishers.com

Global MEMS Microphone Market: Trends and Opportunities (2014-2019)

https://marketpublishers.com/r/GE29EAC050CEN.html
Date: April 2015
Pages: 75
Price: US$ 800.00 (Single User License)
ID: GE29EAC050CEN

Abstracts

Scope of the Report

The report titled “Global MEMS Microphone Market: Trends & Opportunities (2014-2019)” provides an in-depth analysis of the global MEMS microphone market with detailed analysis of market sizing and growth, market share and economic impact of the industry. Detailed analysis of global MEMS microphone market by performance level, by type and by business segments is also presented in this report. The application of MEMS microphones in business segment like mobile devices, notebooks and media tablet has also been analyzed in the report.

The report also assesses the key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall global MEMS microphone industry has also been forecasted for the period 2014-2019, taking into consideration the previous growth patterns, the growth drivers and the current and future trends. The competition in global MEMS microphone market is stiff and dominated by the big players like Knowles Electronics, AAC Technologies, STMicroelectronics and Goertek etc. Further, key players of the MEMS microphone industry like Knowles Electronics; AAC Technologies; and InvenSense are also profiled with their financial information and respective business strategies.

Company Coverage

Knowles Electronics

AAC Technologies

InvenSense

MEMS Market: By Application Type

Media Tablet

Notebook

Mobile Handset

MEMS Market: By Performance Level

Very High

High

Standard

Executive Summary

The Micro Electrical-Mechanical System (MEMS) microphone, known as a microphone chip or silicon microphone finds extensive usage in high-quality audio output devices. Most smartphones and tablets use MEMS microphones for the high sound quality and with technological development, advanced miniature MEMS microphones can be easily integrated into compact electronic devices.

The MEMS microphone market is experiencing robust sales growth driven by increased penetration of MEMS microphone in mobile handsets and smartphones and increased demand for high quality sound in consumer electronics by the mobile handsets manufactures like Apple and Samsung. In addition, new applications of MEMS microphones outside of consumer electronics such as automotive and hearing aids will facilitate positive growth prospects for the global MEMS microphone market in the coming years.

The growth as well as the popularity of MEMS microphones started with its adoption in the smartphones and more specifically, the adoption of MEMS by Apple. Apple in 2010

+44 20 8123 2220
info@marketpublishers.com

initiated the current boom in MEMS microphone sales when it adopted the devices in its iPhone 4. However, with the addition of MEMS microphones into the highly successful iPad 2 in 2011, Apple's purchasing of the tiny devices went into overdrive. When combined with strong increases in its buys of MEMS microphones for iPhone headsets, Apple outstripped all other rivals to become the largest consumer of the MEMS devices, helping the growth of the overall market.

+44 20 8123 2220
info@marketpublishers.com

Contents

1. EXECUTIVE SUMMARY

2. INTRODUCTION: MEMS MICROPHONES

2.1 History
2.2 Types of Microphone
2.3 Structure of MEMS Microphone
2.4 Packaging of MEMS Microphone
2.5 Key Performance Parameters of MEMS Microphone
2.6 MEMS Manufacturing Techniques

3. GLOBAL MEMS MICROPHONE MARKET: SIZING AND GROWTH

3.1 Global MEMS Microphone Market Size
3.2 Global MEMS Microphone Market Size by Performance Level
3.3 Global MEMS Microphone Market Size by Type
3.4 Global MEMS Microphone Market Size by Business Segments
3.4.1 Global MEMS Microphone Sales in Mobile Handset Segment
3.4.2 Global MEMS Microphone Sales in Mobile Media Tablet Segment
3.4.3 Global MEMS Microphone Sales in Mobile Notebooks Segment

4. GLOBAL MEMS MICROPHONE MARKET SHARE ANALYSIS

4.1 Global MEMS Microphone Market Share
4.2 Global MEMS Microphone Market Share by Performance Level
4.3 Global MEMS Microphone Market Share by Business Segments
4.4 Global MEMS Microphone Market Share by Types
4.5 Global MEMS Microphone Market Share by Bare Die Suppliers (Based on Units Shipments)

5. MARKET DYNAMICS: MEMS MICROPHONE MARKET

5.1 Global MEMS Microphone Market: Growth Drivers
5.1.1 Rise in Demand for High Quality Sound Levels
5.1.2 Rise in Demand for Multiple Microphone Solutions
5.1.3 High Demand for MEMS Microphones in Mobiles & Smartphones
5.1.4 Rise in Demand from Consumer Electronic Devices

+44 20 8123 2220
info@marketpublishers.com

5.2 Global MEMS Microphone Market: Challenges
5.2.1 Slow Growth in Global Smartphone Market
5.2.2 Intense Competition
5.2.3 Standardization of MEMS Microphone
5.3 Global MEMS Microphone Market: Market Trends
5.3.1 Advanced MEMS Microphone Packaging
5.3.2 Miniaturization of MEMS Microphones
5.3.3 Noise Cancellation
5.3.4 Increased Applications in Healthcare Segment

6. COMPETITIVE LANDSCAPE: MEMS MICROPHONE MARKET

7. COMPANY PROFILES: MEMS MICROPHONE MARKET

7.1 AAC Technologies Inc.
7.1.1 Business Overview
7.1.2 Financial Overview
7.1.3 Business Strategy
7.2 Knowles Electronics
7.2.1 Business Overview
7.2.2 Financial Overview
7.2.3 Business Strategy
7.3 InvenSense
7.3.1 Business Overview
7.3.2 Financial Overview
7.3.3 Business Strategy

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1: Types of MEMS Microphone
Figure 2: Structure of MEMS Microphone
Figure 3: Packaging of MEMS
Figure 4: Global MEMS Microphone Market Size by Volume; 2010-2013 (Billion Units)
Figure 5: Global MEMS Microphone Market Size by Value; 2010-2013 (US$ Million)
Figure 6: Global MEMS Microphone Market Size by Volume Forecast; 2014-2019 (Billion Units)
Figure 7: Global MEMS Microphone Market Size by Value Forecast; 2014-2019 (US$ Million)
Figure 8: Global MEMS Microphone Sales by Performance Level; 2010-2013 (US$ Million)
Figure 9: Global MEMS Microphone Sales by Performance Level Forecast; 2014-2019 (US$ Million)
Figure 10: Global MEMS Microphone by Type in Value; 2009-2013 (US$ Million)
Figure 11: Global MEMS Microphone by Type in Volume; 2009-2013 (Million Units)
Figure 12: Global MEMS Microphone by Type in Value Forecast; 2014-2019 (US$ Million)
Figure 13: Global MEMS Microphone by Type in Volume Forecast; 2014-2019 (Million Units)
Figure 14: Global MEMS Microphone Sales in Mobile Handset Segment by Volume; 2012-2013 (Million Units)
Figure 15: MEMS Microphone Sales in Mobile Handset Segment by Volume Forecast; 2014-2019 (Million Units)
Figure 16: Global MEMS Microphone Sales in Mobile Media Tablet Segments by Volume; 2012-2013 (Million Units)
Figure 17: MEMS Microphone Sales in Mobile Media Tablet by Volume Forecast; 2014-2019 (Million Units)
Figure 18: Global MEMS Microphone Sales in Mobile Notebooks Segment by Volume; 2012-2013 (Million Units)
Figure 19: MEMS Microphone Sales by Segments in Volume Forecast; 2014-2019 (Million Units)
Figure 20: Global MEMS Microphone Market Share in Value; 2013 (US$ Million)
Figure 21: Global MEMS Microphone Market Share; 2013
Figure 22: Global MEMS Microphones Market Share by Performance Level 2013
Figure 23: Global MEMS Microphones Market Share by Business Segment; 2013

+44 20 8123 2220
info@marketpublishers.com

Figure 24: Global MEMS Microphones Market Share by Types; 2013
Figure 25: Global MEMS Microphones Market Share by Bare Die Suppliers; 2013
Figure 26: Major MEMS Players Relative Difference in MEMS Sales; 2013
Figure 27: AAC Revenue; 2010-2013 (US$ Million)
Figure 28: AAC Sales Mix; 2014
Figure 29: Knowles Electronics Revenue; 2010-2013 (US$ Million)
Figure 30: Knowles Sales Mix; 2013
Figure 31: Knowles Electronics R&D Expense; 2010-2013 (US$ Million)
Figure 32: InvenSense Revenue; 2009-2013 (US$ Million)
Figure 33: InvenSense Net Revenue by Target End Market; 2013
Figure 34: InvenSense Net Revenue by Target End Market; 2013
Figure 35: InvenSense R&D Expenses; 2009-2013 (US$ Thousands)

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1: History of MEMS
Table 2: Global Acoustic Content in Smartphone
Table 3: Top Packaged MEMS Microphone Suppliers by Revenue (US$ Million); 2013
Table 8: Top Three MEMS Microphone Players Product Portfolio
Table 7: AAC's Merger and Acquisitions
Table 4: Major Acoustic Makers Comparison; Q114
Table 5: AAC's Main Customers by Product
Table 6: AAC'S Key Product Line and Catalysts

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Global MEMS Microphone Market: Trends and Opportunities (2014-2019)
Product link: https://marketpublishers.com/r/GE29EAC050CEN.html
Price: US$ 800.00 (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/GE29EAC050CEN.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