

iPhone 5S MEMS Microphones

Knowles & AAC Technologies

Set of two reports highlighting new designs and processes from the first two MEMS microphones suppliers

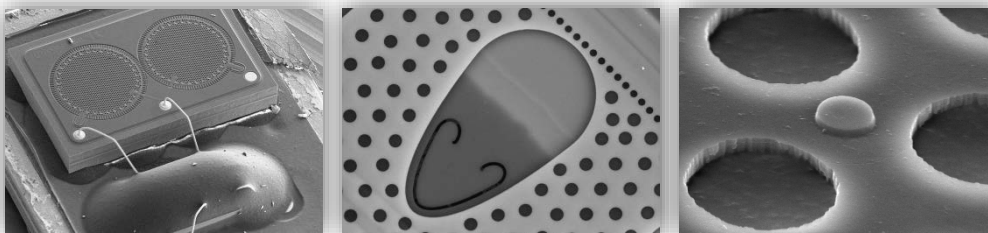
In this version of Apple iPhone, Knowles succeeds in integrating two MEMS microphones out of the three present in the phone. The third microphone, from AAC Technologies, is an evolution of the microphone which was already present in the previous iPhone.

Apple thus uses the same MEMS microphones suppliers for the iPhone 5S, but each of them modified the design and the manufacturing process of their components to improve them by making them more robust.

Compared to the microphone used in the iPhone 5, Knowles majors changes include the number of transducers of the MEMS die (impacting directly the die size) and the thickness of the backplate.

On its side, AAC Technologies also modified the design of the MEMS die (still supplied by Infineon) and the thickness of key layers.

Discover in this set of two reports the latest evolutions from the first two MEMS microphone leaders.



REVERSE COSTING ANALYSIS
REPORT BY 

MEMS Microphones
2 reports (+100 pages each)
February 2014
Pdf file
Xls file

PRICE :

Set of 2reports: EUR 5,290
One full report: EUR 2,990

COMPLETE TEARDOWN WITH:

- Detailed Photos
- Precise Measurements
- Material Analysis
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- Selling Price Estimation

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The present document is valid 6 months after its publishing date: February 20th, 2014.

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