Smart Microphones for Mobile & Beyond: Product Types, Use Cases, Market Inhibitors & Market Growth

Description: The smart microphone market is set to see rapid growth, driven largely by the increasing need for Always On, Always Listening devices to enable ultra low power voice interfaces. Other use cases include local audio processing, ultrasonic gestures and reduce BoM.

Smart microphones will be increasingly used in many end applications but their use is not inevitable, there are also many inhibitors to growth, not the many other processing choices available e.g. use of a DSP in an applications processor.

As well as truly “smart” microphones there is an increasing trend towards use of acoustic trigger microphones, which can provide additional functionality without an embedded DSP.

This is a focused study on the smart microphone market, building on our well received study on Audio, Sensors & Distributed Processing in Mobile Devices and driven by interest in the market by various parties across the industry.

It covers the use cases for and potential market growth for smart microphones in mobile devices, such as smartphones, and beyond into new markets. It forecasts growth across numerous markets from 2016 to 2020 with volume shipments, ASP and revenues.

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