



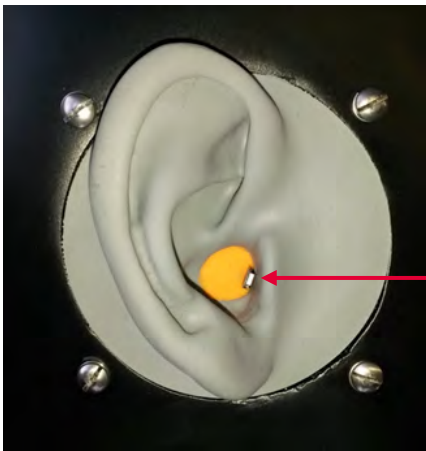
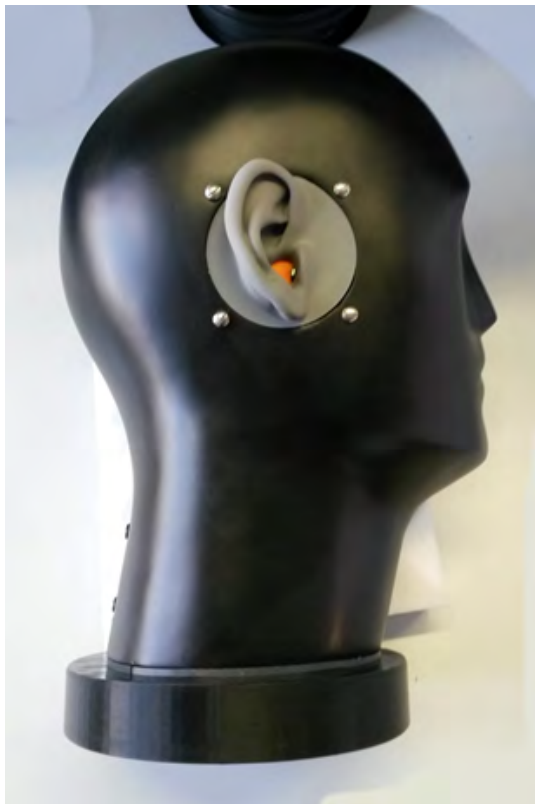
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Binaural listening demonstrator

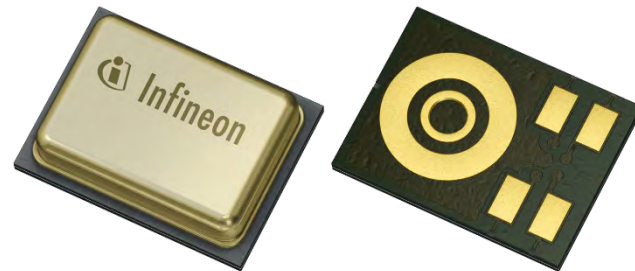
Infineon's virtual show 2020



Binaural listening demonstrator – Infineon parts



- › Demo comprises an artificial head with two high SNR Infineon MEMS microphones placed at the ears
- › They are connected with an Infineon Audiohub Nano that collects the audio data and sends it to a headset via Bluetooth



Binaural listening demonstrator – working principle



- › The head is mounted on to a spinning tripod
- › An audio signal is played with an external speaker
- › The audio signal is streamed to a bluetooth headset – the listener can listen to a 360° audio signal while standing stationarily at a distance

**Put on your earphones and experience it yourself
with our demonstrator video!**



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