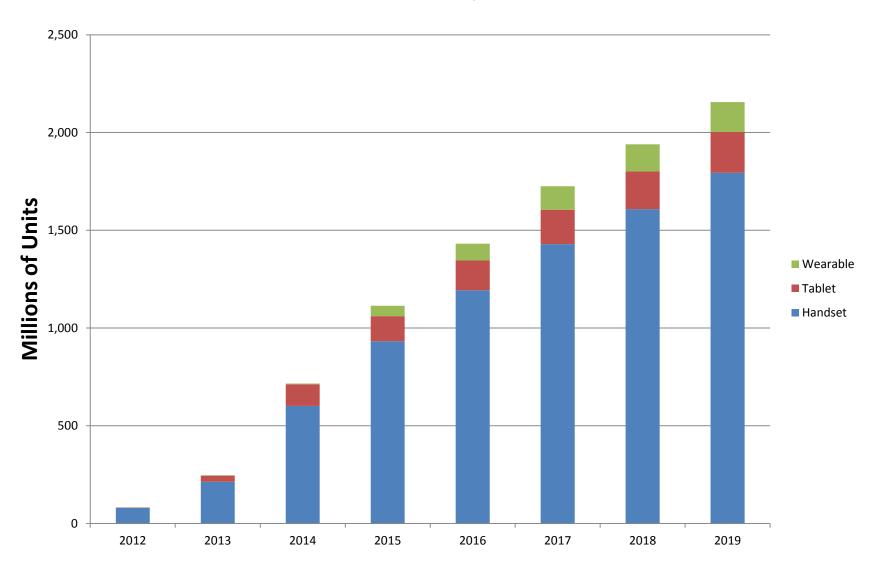


The World's Most Advanced,
Multi-Core Sensor Processing Platform



SENSOR HUBS: RAPID GROWTH, HIGH VOLUME MARKETS



Source: IHS iSuppli Q2 2015



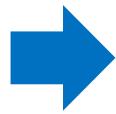
NEW APPLICATIONS AND USE CASES

Today's sensor processing tasks are considered "fundamental"

OEMs are targeting significant capability improvements and applications in order to meet consumer demands









Motion-Compensated **Heart Rate**



Voice Trigger and Commands



Sensor Calibration





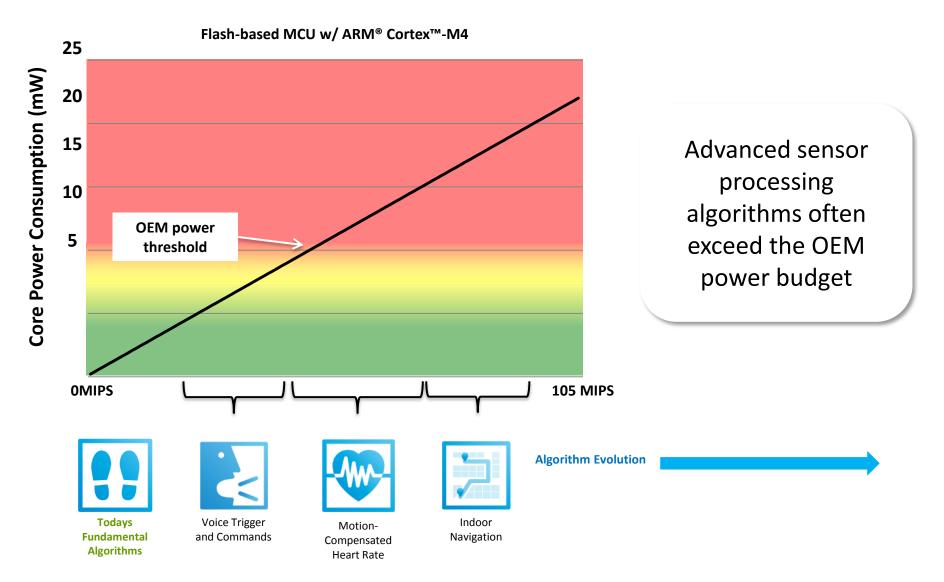
Indoor Navigation



Advanced health and wellness, environmental monitoring, new ideas and concepts....



ALGORITHM EVOLUTION DEMANDING MORE MIPS



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- 4



"Power efficient sensor hubs, such as QuickLogic's EOS platform, will be the enabling hardware that allows device designers to quickly and easily incorporate multiple advanced features without increasing power drain."

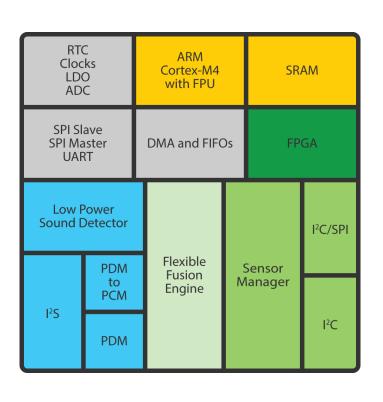
Tom Hackenburg, Principal Analyst, IHS iSuppli July 2015

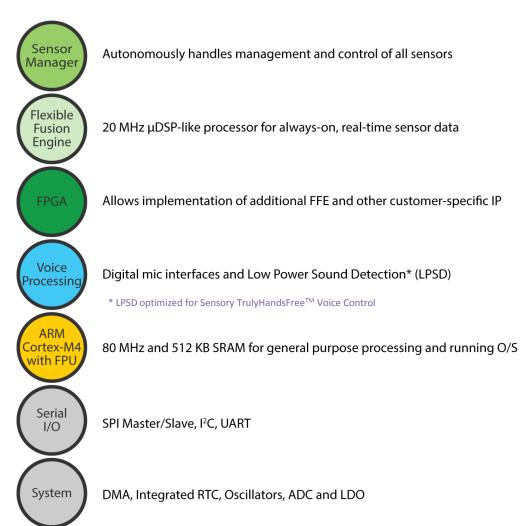


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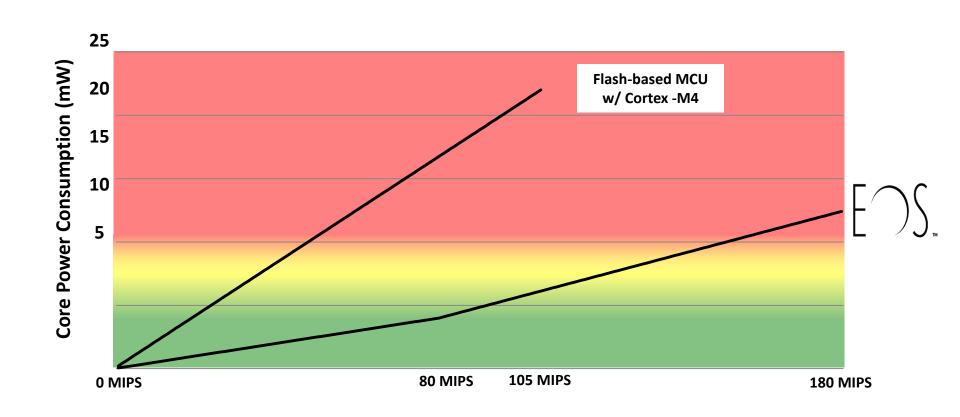
EOS S3 MULTI-CORE SOC PLATFORM





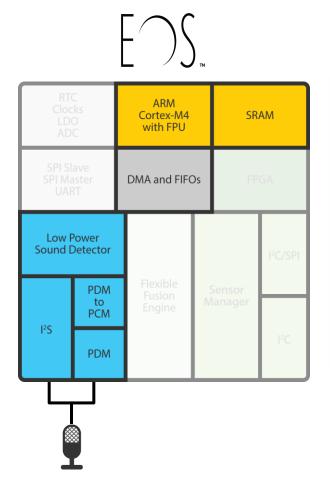


ALGORITHM EVOLUTION DEMANDING MORE MIPS





ALWAYS-ON, ALWAYS-LISTENING AT LOWEST POWER

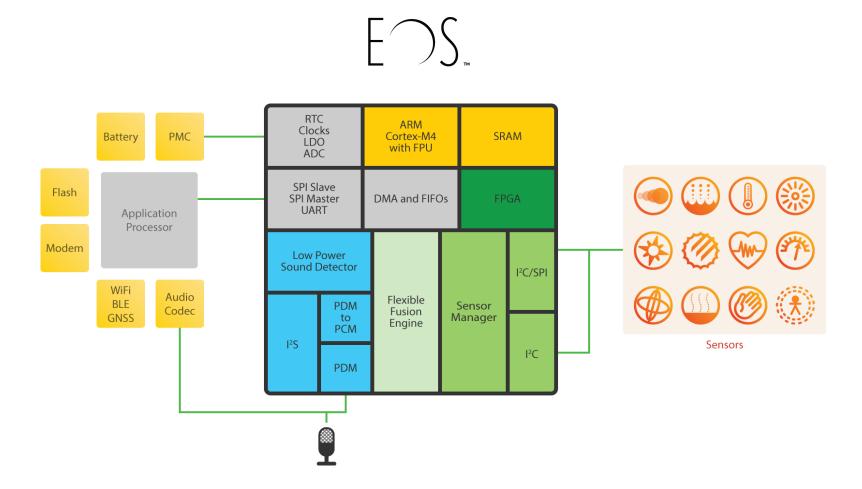




- EOS S3 platform supports broad spectrum of digital microphones
- Dedicated PDM-to-PCM block eliminates need for expensive, power hungry voice CODECs in wearable applications
- Enables industry-leading voice sub-system power of 350 μA for always-on voice processing



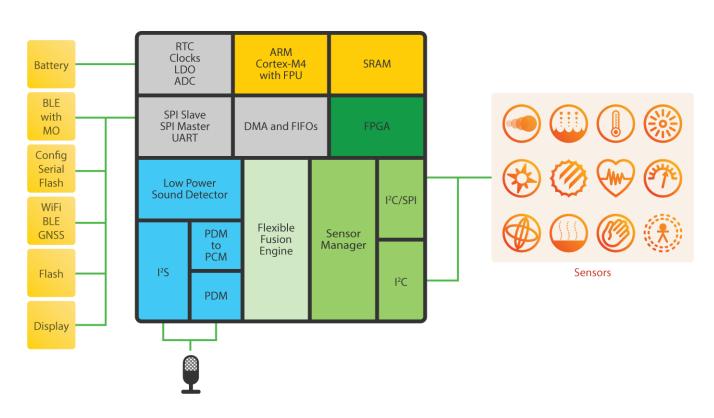
EOS S3 SMARTPHONE SYSTEM IMPLEMENTATION





EOS S3 WEARABLE & IOT SOC SYSTEM IMPLEMENTATION

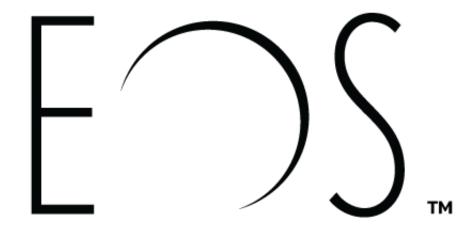






"Power efficient sensor hubs, such as QuickLogic's EOS platform, will be the enabling hardware that allows device designers to quickly and easily incorporate multiple advanced features without increasing power drain."

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