



汽车以太网音视频桥接(AVB)

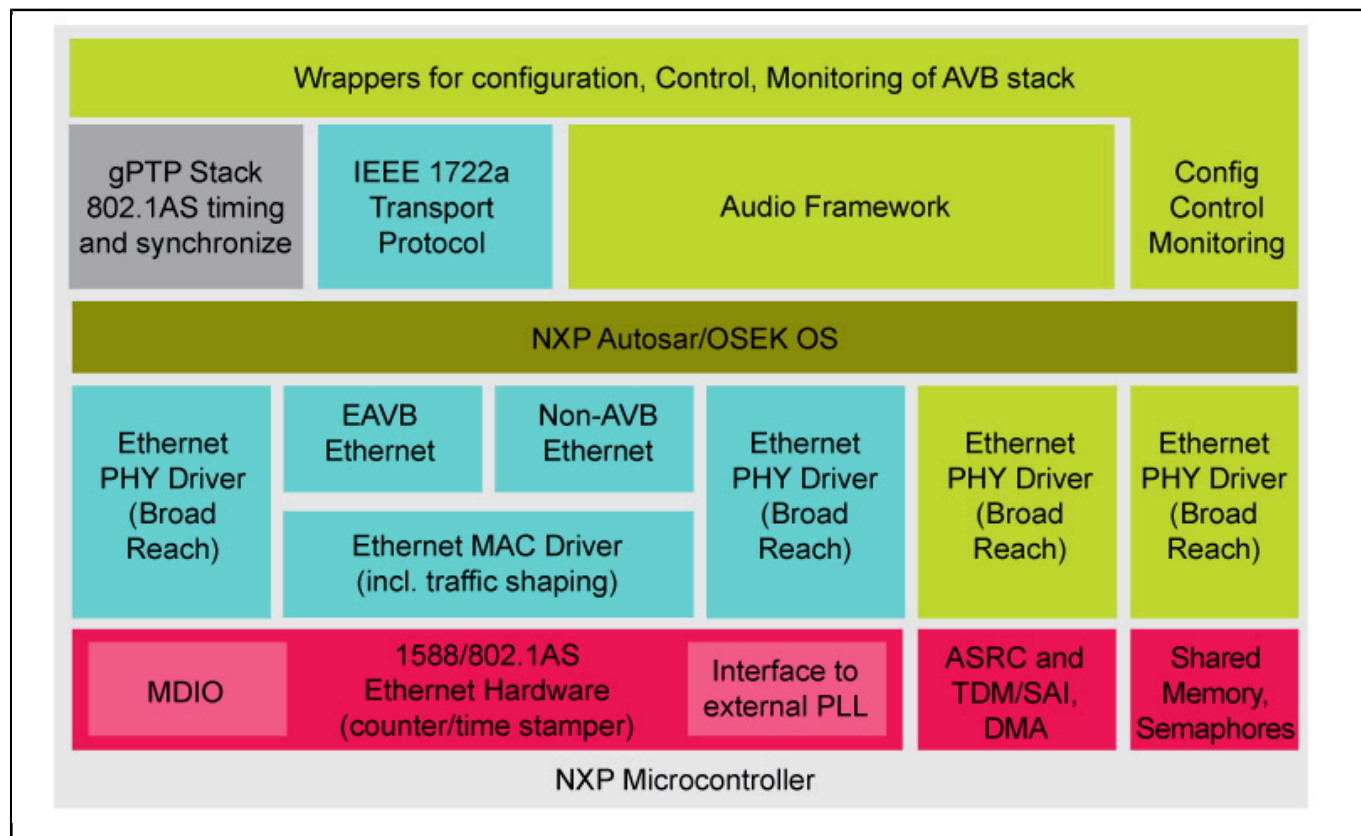
AUTO-AUDIO-VBS

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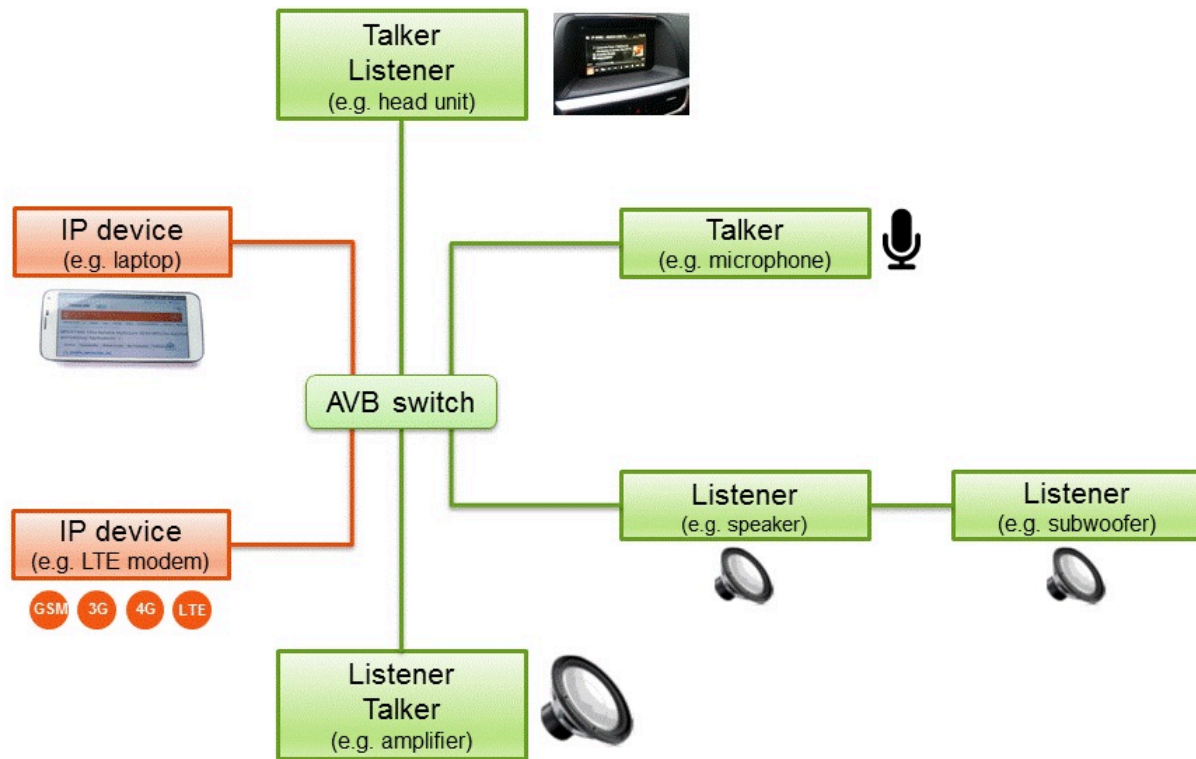
恩智浦汽车音视频桥接(AVB)软件提供一个AVB复合解决方案，可在多个音频终端节点上播放来自不同源的音频流和共振音频。它针对恩智浦Power Architecture®和Arm®处理器进行了优化，通过DMA高级支持而实现“零拷贝”，因而资源使用率极低。

AVB堆栈支持单核和多核设计，提供不同的分区方案。它采用数据流同步播放(准确的频率和相位)，支持通过以太网、外部源或存储器接收的各种音频流。它还具有音频采样频率转换功能，可在TDM内正确维护数据顺序，除此以外还提供一个虚拟Autosar以太网驱动、一个I2C通信模块、诊断数据输出(以太网/UART)以及其它扩展功能，如音频输出静音和锁定。

Our Automotive Audio Video Bridging Software Block Diagram

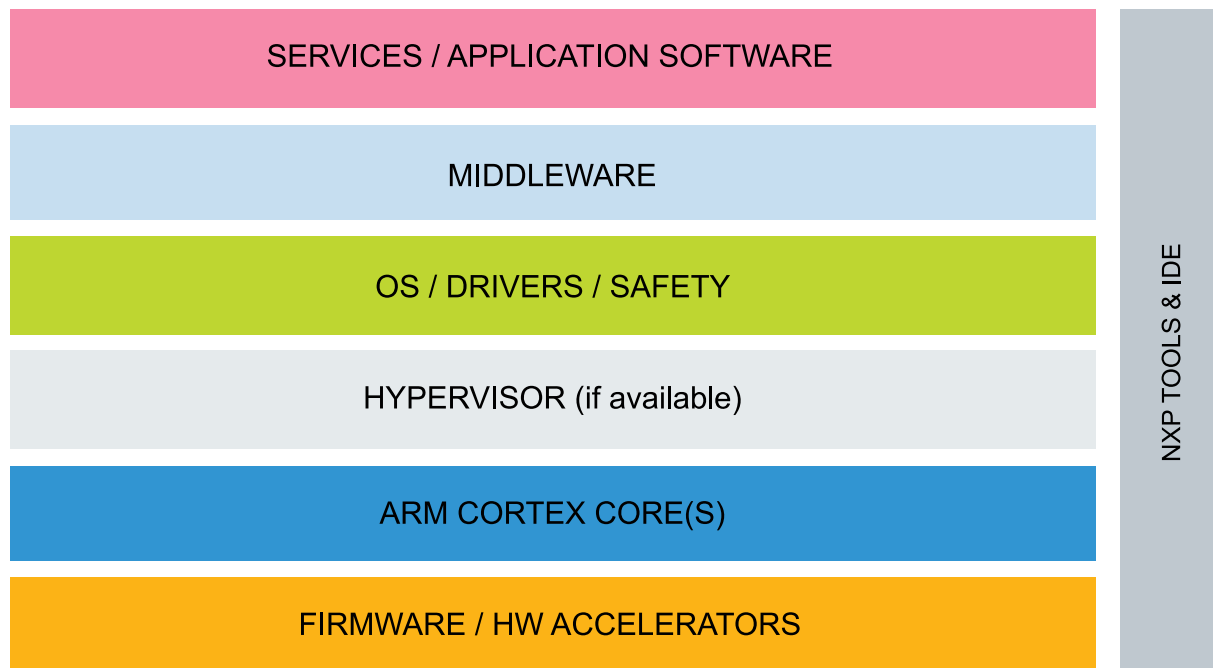


Our Automotive Audio Video Bridging Software Block Diagram



Example of AVB Network

Automotive General Block Diagram Block Diagram



View additional information for [汽车以太网音视频桥接\(AVB\)](#).

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