



FRDM AUD10 音频应用开发板

FRDM-AUD10 NEW

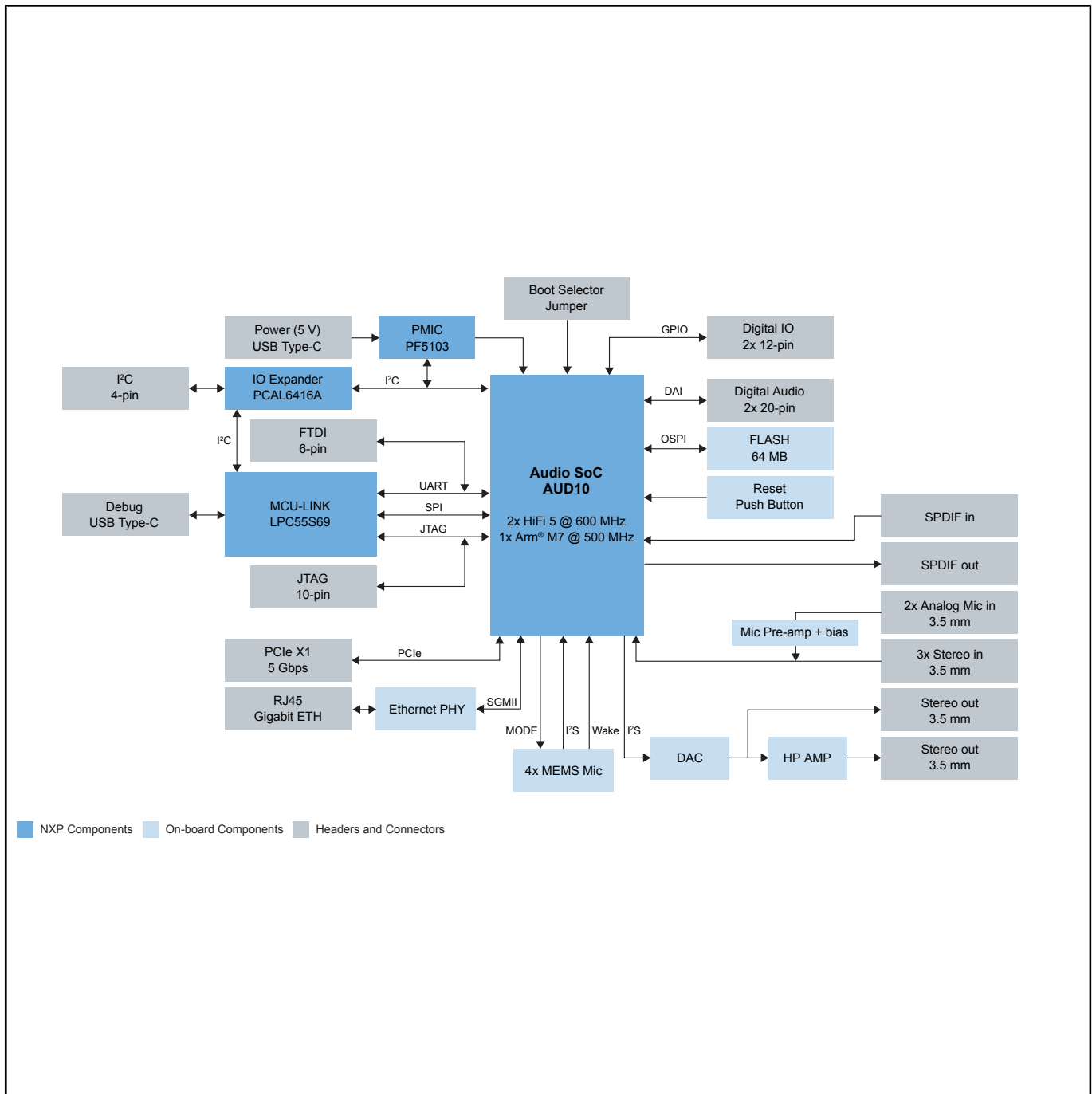
Preproduction

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FRDM-AUD10是一款紧凑型、低成本音频快速原型制作平台，支持对实际音频工作流程进行评估，包括基于AI和ML的处理。内置MEMS麦克风和声源模数转换器(ADC)输入，以及用于耳机或扬声器的双路数模转换器(DAC)输出，支持使用实际信号而非模拟信号来评估音频质量、延迟和性能。

该板支持时分复用(TDM)和I²S等标准数字/音频接口，降低了从原型制作过渡到系统设计时的集成风险。借助Audio Weaver板级支持包(BSP)、Hi-Fi 5数字信号处理器(DSP)软件开发套件(SDK)以及附带的Xtensa Xplorer许可证，可加速开发进程。同时，USB-C电源和以太网连接简化了实验室搭建及与PC的连接。

FRDM AUD10开发板 Block Diagram



View additional information for [FRDM AUD10音频应用开发板](#).

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