



语音智能技术唤醒词和语音命令引擎

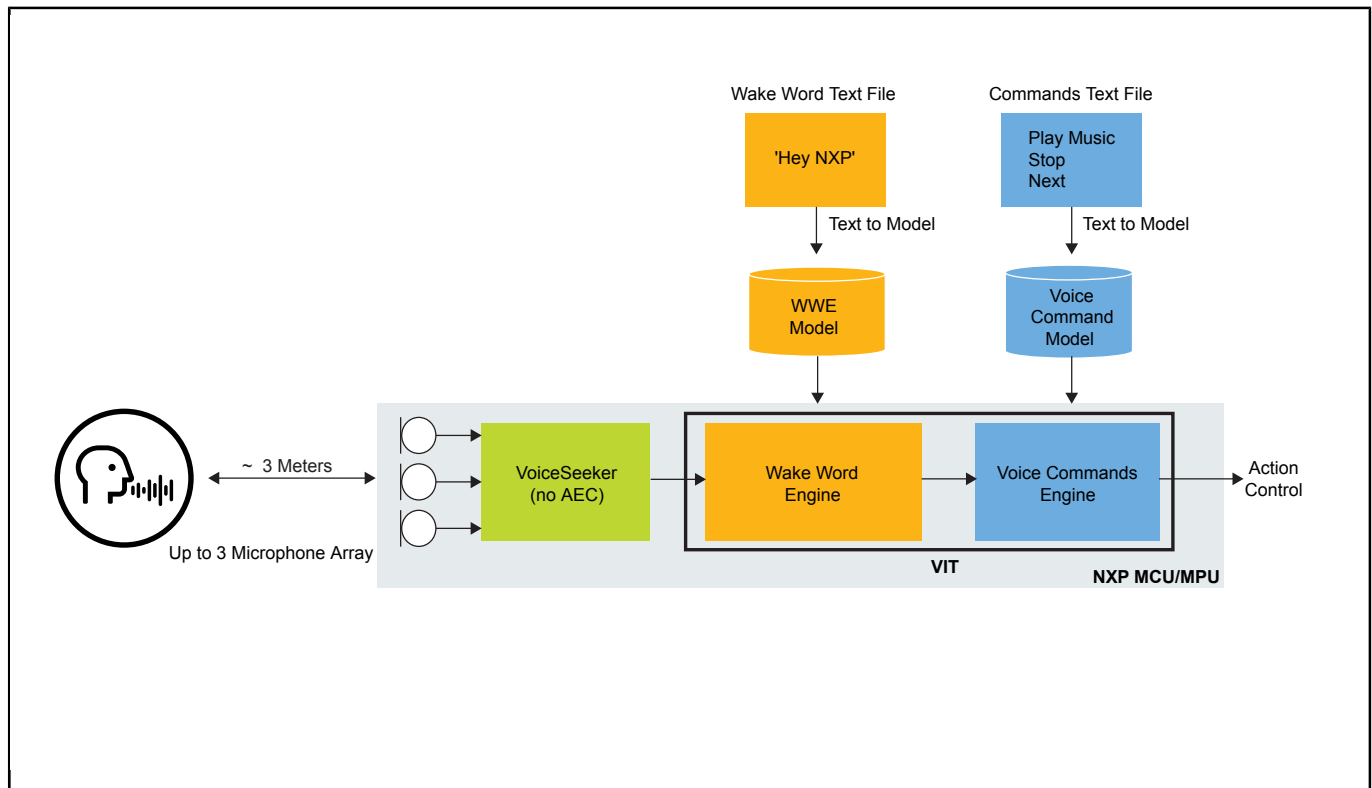
VOICE-INTELLIGENT-TECHNOLOGY

Last Updated: Aug 17, 2023

语音智能技术(VIT)唤醒词和语音命令引擎为开发人员提供免费、随时可用的语音UI支持。它使用免费的在线工具支持客户定义的唤醒词和命令。库和语音控制软件包通过MCUXpresso SDK或Linux BSP提供。

该软件包基于深度学习语音识别技术，提供完整的唤醒词和语音命令解决方案。VIT可以通过VoiceSeeker（支持远场操作的多麦克风音频前端）轻松配置。VIT唤醒词和语音命令引擎可在多个平台上免费提供，包括 Arm®Cortex®-M7、M33、A-53或Cadence Xtensa®HiFi 4和Fusion F1 内核。

语音智能技术概述 Block Diagram



View additional information for [语音智能技术唤醒词和语音命令引擎](#).

Note: The information on this document is subject to change without notice.

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2025 NXP B.V.