

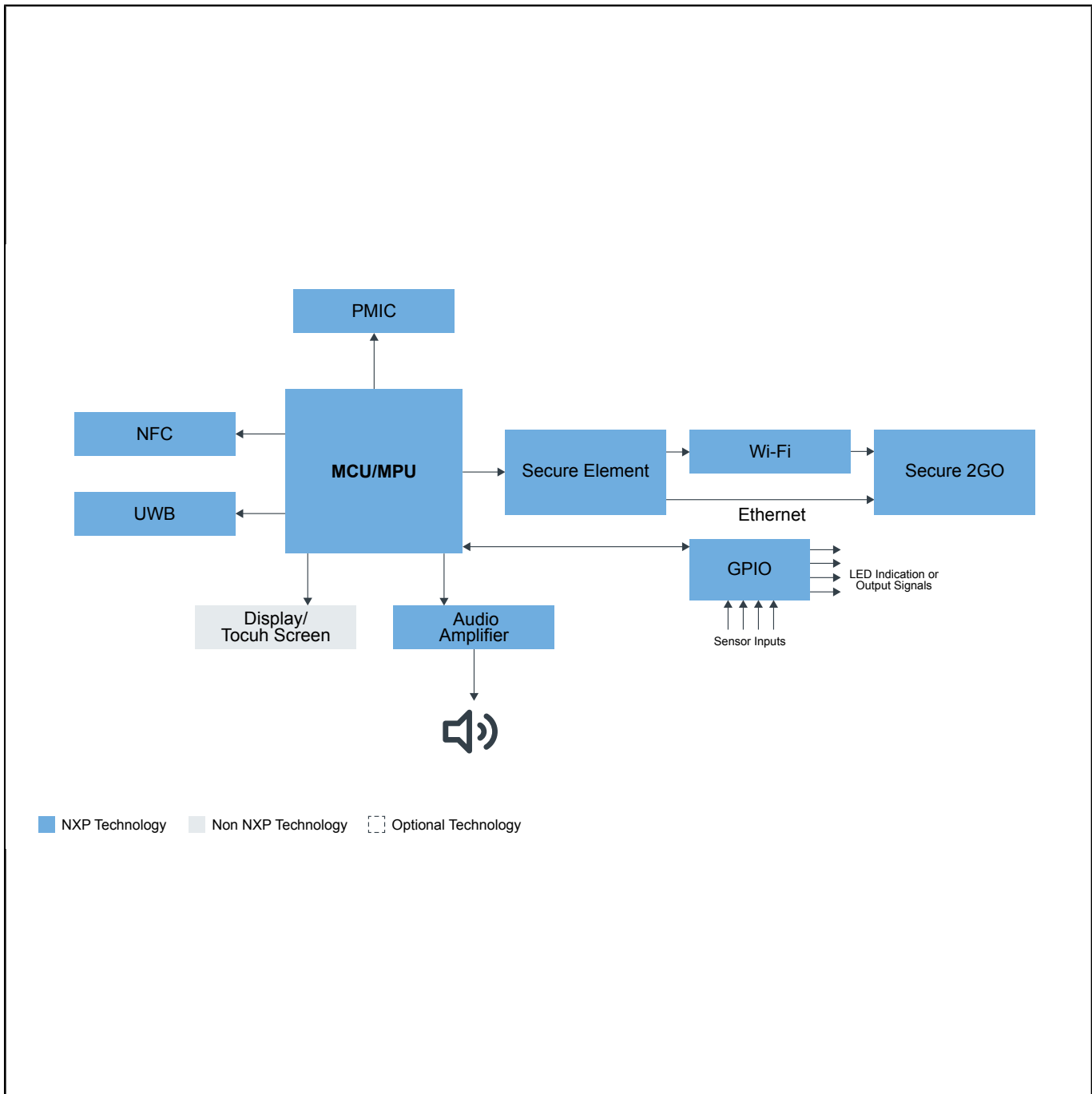


Digital Signage

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Digital signages provide citizens with intelligent, real-time information and advertising in retail, hospitality and entertainment sectors. NXP's MCU-based AI/ML vision and applications processor-based solutions allows infrastructure providers to quickly deploy digital signages in cities. Our wireless connectivity and security portfolio complements new and existing designs, for secure data and communication in digital signage infrastructures.

Digital Signage Block Diagram



Recommended Products for Digital Signage	
MCU/MPU	<ul style="list-style-type: none"> • IMX8MPLUS: i.MX 8M Plus - Arm® Cortex®-A53、機械学習、ビジョン、マルチメディア、インダストリアルIoT • i.MX-RT1170: i.MX RT1170 : Arm® Cortex®コア搭載1 GHzクロスオーバーMCU
PMIC	<ul style="list-style-type: none"> • PF4210: 14-Channel Power Management IC Optimized for i.MX 8M • PCA9420-PCA9421: 低消費電力アプリケーション向けPMIC
Audio Amplifier	<ul style="list-style-type: none"> • TDF8530TH: I²C-Bus Controlled Quad Channel 45 W / 2 Ω Class-D Power Amplifier with Full Diagnostics
Wi-Fi	<ul style="list-style-type: none"> • 88W8801: 2.4 GHzシングルバンド1x1 Wi-Fi® 4 (802.11n) ソリューション • 88W8887: 1x1デュアルバンドWi-Fi® 5 (802.11ac) + Bluetooth® 5.2コンボ・ソリューション
NFC	<ul style="list-style-type: none"> • NTAG5-LINK: NTAG® 5 Link : オンデマンドIoT向けNFCフォーラム準拠I²Cブリッジ
Secure Element	<ul style="list-style-type: none"> • SE050: EdgeLock® SE050 : Plug & Trustセキュア・エレメント・ファミリー - 柔軟性に優れた、IoT向けの高度なセキュリティ
UWB	<ul style="list-style-type: none"> • SR150: Trimension™ SR150 : IoTデバイス向けのセキュアなUWBソリューション
Secure 2GO	<ul style="list-style-type: none"> • EdgeLock 2GO: EdgeLock® 2GO
Air Conditioning GPIO	<ul style="list-style-type: none"> • MCX-A14X-A15X: MCX A14x/15x MCU : Arm® Cortex® M33、拡張性の高いデバイス・オプション、低消費電力でインテリジェントなペリフェラルを搭載 • MCX-N94X-N54X: MCX N94x/54x オンチップ・アクセラレータ、インテリジェントなペリフェラル、高度なセキュリティを備えた高集積マルチコアMCU • PCAL9714: Agile I/O機能搭載14ビットSPI I/Oエクспанダ • PCAL9722: Agile I/O機能搭載22ビットSPI I/Oエクспанダ

View our complete solution for [Digital Signage](#).

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