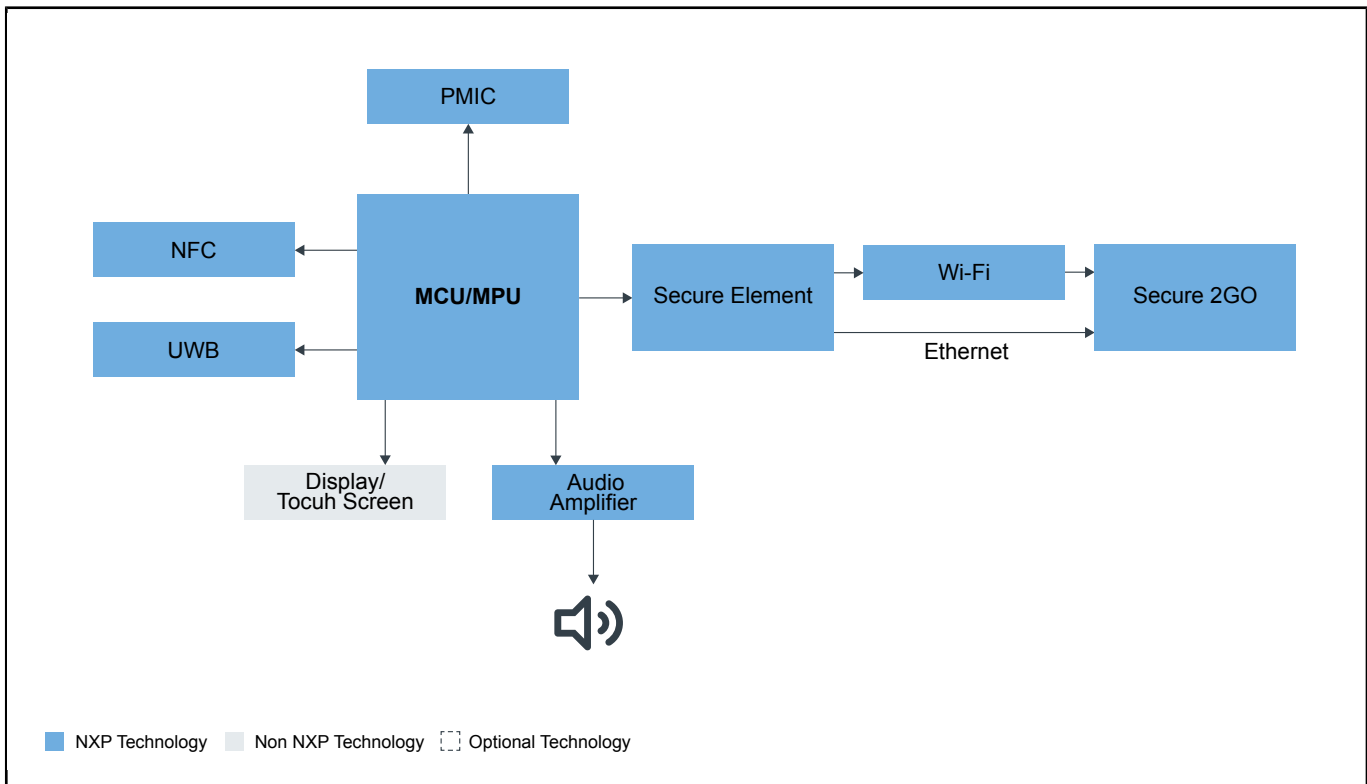# Digital Signage

Last Updated: Nov 12, 2021

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	• i.MX 8M Plus – Arm® Cortex®-A53, Machine Learning, Vision, Multimedia and Industrial IoT • i.MX RT1170 First GHz Crossover MCU with Arm® Cortex®-M7 and Cortex-M4 Cores
PMIC	• PF4210: 14-Channel Power Management IC Optimized for i.MX 8M

	• PCA9420: PMIC for Low Power Applications
Audio Amplifier	• TDA8920C: 2 x 110 W Class-D Power Amplifier
Wi-Fi	• 88W8801: 2.4 GHz Single-Band 1x1 Wi-Fi® 4 (802.11n) Solution • 88W8887: 1x1 Dual-band Wi-Fi® 5 (802.11ac) and Bluetooth®5.2 Combo Solution
NFC	• NTAG® 5 Link: NFC Forum-Compliant I²C Bridge for IoT on Demand
Secure Element	• EdgeLock® SE050: Plug & Trust Secure Element Family – Enhanced IoT security with high flexibility
UWB	• Trimension™ SR150: Secure UWB Solution for IoT Devices
Secure 2GO	• EdgeLock 2GO: EdgeLock® 2GO

View our complete solution for Digital Signage.