

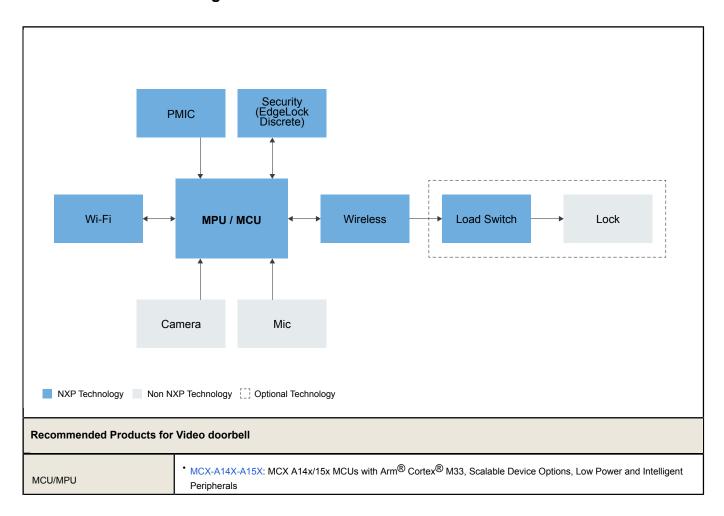
Home Security and Surveillance

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Today's doorbell does much more than just ring a buzzer to alert you that somebody is at the door. They are a vital part of the smart home and security solution, providing intercom capability as well as video surveillance of a home's entryway.

Connecting a video doorbell to the home gateway provides cloud access, meaning you can now monitor your entryway from anywhere in the world in real time. Video doorbells provide easy-to-use security and peace of mind when trying to secure your home from external threats.

Video doorbell Block Diagram



	MCX-N94X-N54X: MCX N94x/54x Highly Integrated Multicore MCUs with On-Chip Accelerators, Intelligent Peripherals and Advanced Security i.MX8MMINI: i.MX 8M Mini - Arm® Cortex®-A53, Cortex-M4, Audio, Voice, Video i.MX-RT1170: i.MX RT1170: 1 GHz Crossover MCU with Arm® Cortex® Cores
PMIC	PCA9450: Power Management IC (PMIC) for i.MX 8M Mini/Nano/Plus PF8100-PF8200: 12-Channel Power Management Integrated Circuit (PMIC) for High-Performance Processing Applications PCA9460: 13-Channel Power Management Integrated Circuit (PMIC) for Ultra Low Power Application
Wi-Fi	* 88W8987: 2.4/5 GHz Dual-Band 1x1 Wi-Fi [®] 5 (802.11ac) + Bluetooth [®] 5.2 Solution * IW416: 2.4/5 GHz Dual-Band 1x1 Wi-Fi [®] 4 (802.11n) + Bluetooth [®] 5.2 Solution * 88MW32X 802.11n Wi-Fi [®] Microcontroller SoC
Wireless	* 88W8987: 2.4/5 GHz Dual-Band 1x1 Wi-Fi [®] 5 (802.11ac) + Bluetooth [®] 5.2 Solution * QN9090-30: QN9090/30: Bluetooth Low-Energy MCU with Arm [®] Cortex [®] -M4 CPU, Energy Efficiency, Analog and Digital Peripherals and NFC Tag Option
Security (EdgeLock Discrete)	SE050: EdgeLock® SE050: Plug and Trust Secure Element Family – Enhanced IoT security with high flexibility SE051: EdgeLock® SE051: Proven, Easy-to-Use IoT Security Solution with Support for Updatability and Custom Applets EDGELOCK-A5000: EdgeLock® A5000 Plug and Trust Secure Authenticator: Authentication Made Secure, Scalable and Easy

View our complete solution for Home Security and Surveillance.

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