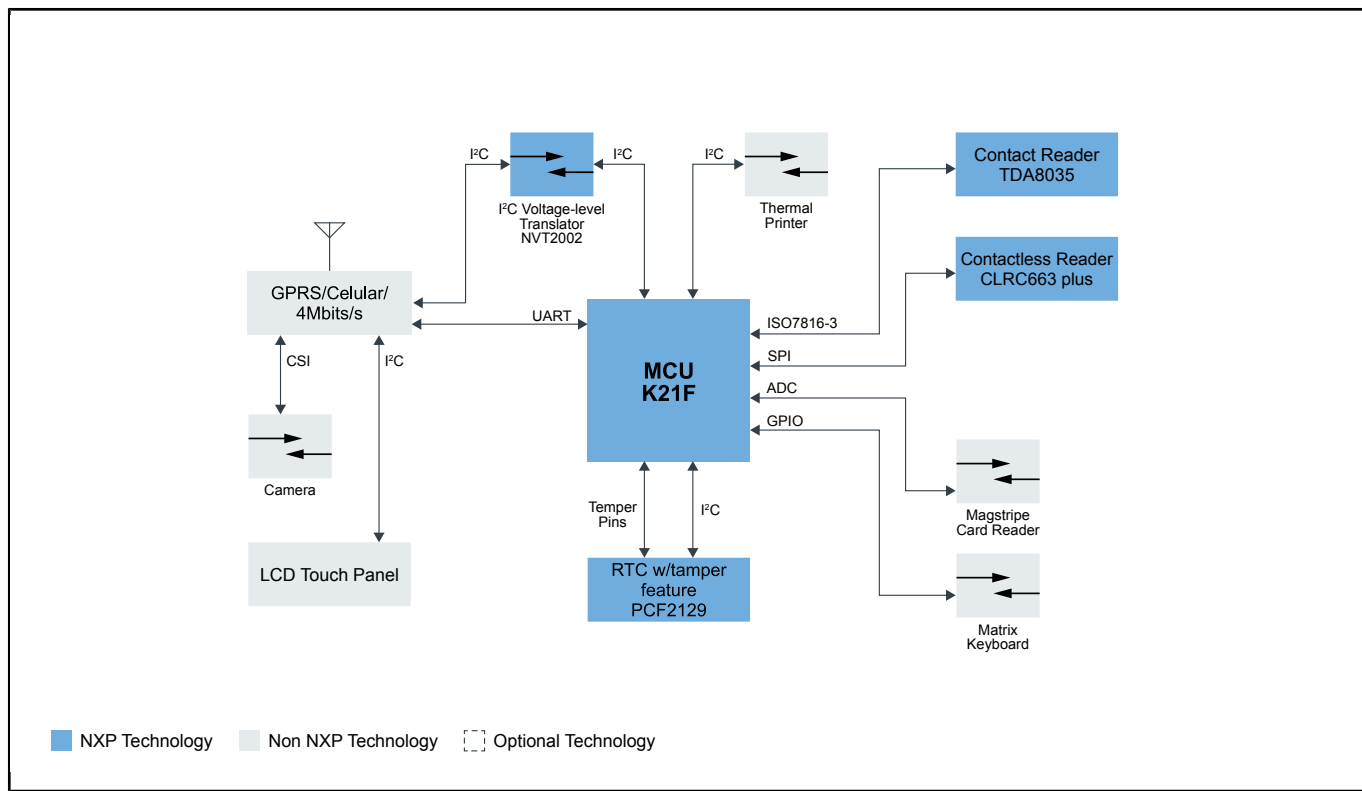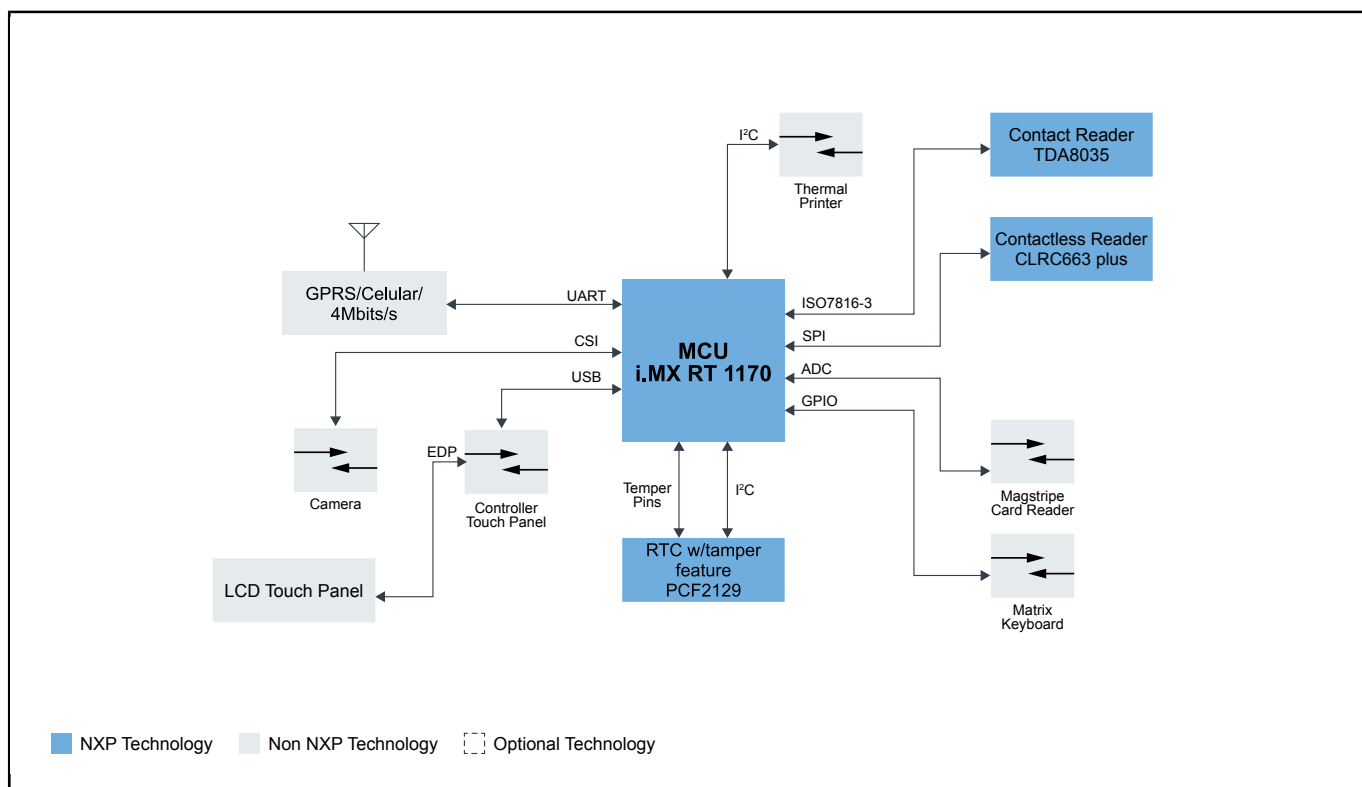# Smart Point of Sale

SMART-POS

Last Updated: Apr 23, 2024

NXP secure MCUs and MPUs paired with our contact and contactless readers provide customers with state-of-the-art, comprehensive, pre-certified PCI and EMVCo payment acceptance capabilities that will ease the development process and speed time to market for payment solutions. this solution implement NXP product for the software and hardware application and a scalable portfolio for reader interfaces and secure controllers/processors to address a wide range of POS solutions.

K12F Smart POS Block Diagram

I²C · I²C Voltage-level Translator NVT2002 · I²C · I²C · Thermal Printer · Contact Reader TDA8035 · Contactless Reader CLRC663 plus · GPRS/Celular/4Mbits/s · UART · MCU K21F · ISO7816-3 · SPI · ADC · GPIO · CSI · I²C · Camera · LCD Touch Panel · Temper Pins · I²C · RTC w/tamper feature PCF2129 · Magstripe Card Reader · Matrix Keyboard

NXP Technology   Non NXP Technology   Optional Technology

i.MX RT Smart POS Block Diagram

I²C · Thermal Printer · Contact Reader TDA8035 · Contactless Reader CLRC663 plus · GPRS/Celular/4Mbits/s · UART · CSI · USB · MCU i.MX RT 1170 · ISO7816-3 · SPI · ADC · GPIO · Camera · EDP · Controller Touch Panel · LCD Touch Panel · Temper Pins · I²C · RTC w/tamper feature PCF2129 · Magstripe Card Reader · Matrix Keyboard

NXP Technology   Non NXP Technology   Optional Technology

View additional information for Smart Point of Sale.

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