High-Performance NFC Controller with Integrated Firmware for Smart Devices

PN7150

Not Recommended for New Designs
This page contains information on a product that is not recommended for new designs.

Last Updated: Dec 17, 2024

PN7150 device is not recommended for new designs. We recommend using the PN7160.

PN7150 does not allow to achieve EMVCo compliancy. Use PN5180, PN5190 or PN7220 instead.

Latest supported Android version is A11. NXP has stopped the Android maintenance for PN7150 and is not planning any support for new Android versions.

Please check the new online NFC Antenna Tool for tag and reader devices.

Optimized for fast design-in, NXP's PN7150 NFC solutions fully comply with the NFC Forum, including Linux® and Android™ drivers and support NCI 1.0 host communication. Latest supported Android is Android 11. For later newer Android versions, please use PN7160.
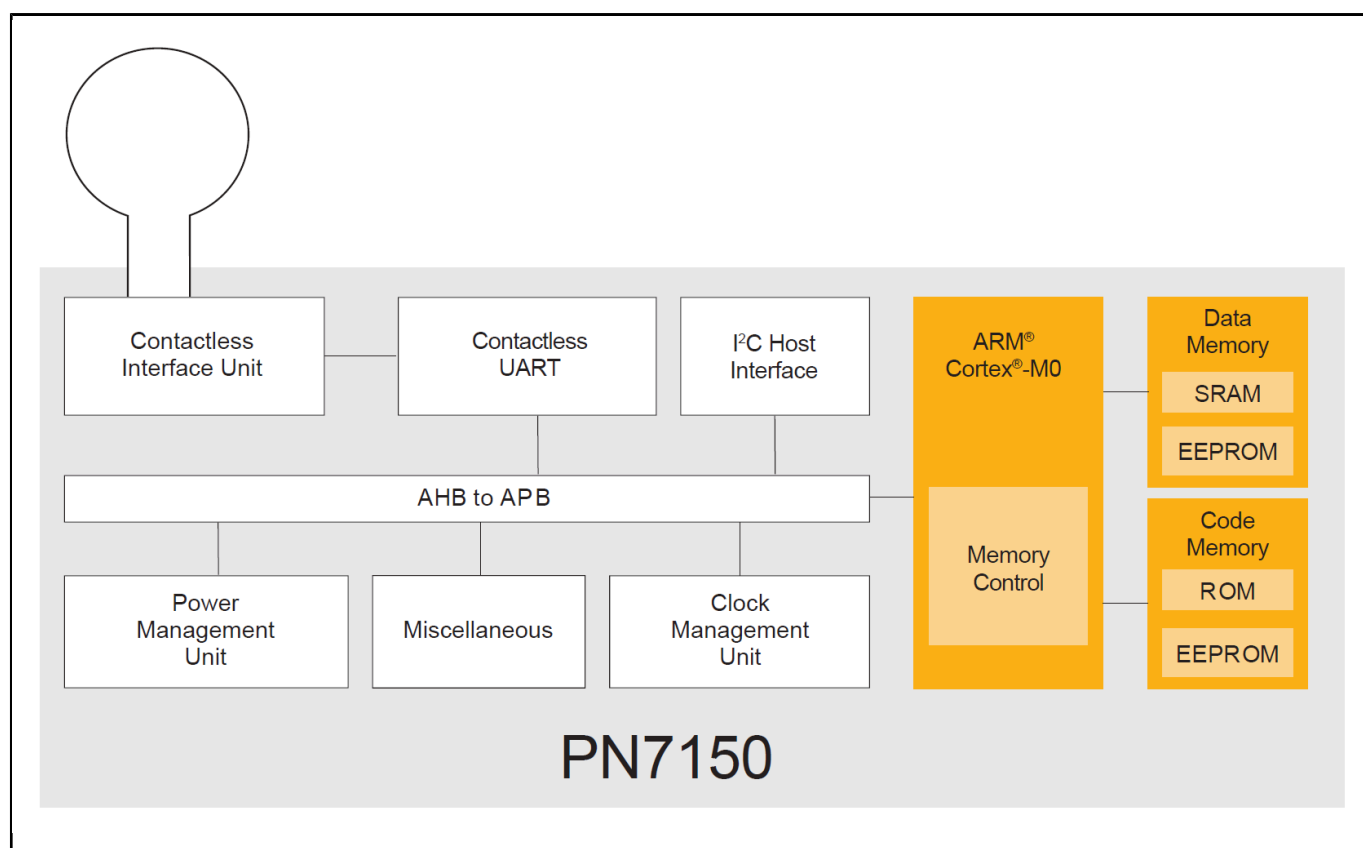
PN7150 is the high-performance version of PN7120, the plug'n play NFC solution for easy integration into any OS environment, reducing Bill of Material (BOM) size and cost. PN71xx controllers are ideal for home-automation applications such as gateways and work seamlessly with NFC connected tags.

These NFC controllers support the most popular platforms, Raspberry Pi®, BeagleBone® Black and any boards featuring an Arduino® stackable header, including Kinetis®, LPCXpresso and i.MX boards.

PN7150B0HN is ready to support your development today, tomorrow and beyond through its longevity program. The Product Longevity program ensures a stable supply of products for your embedded designs.

Learn more

High performance NFC controller, supporting all NFC Forum modes, with integrated firmware and NCI interface Block Diagram

View additional information for High-Performance NFC Controller with Integrated Firmware for Smart Devices.

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