EMV L1 Compliant NFC Controller with NCI Interface Supporting EMV and NFC Forum Applications
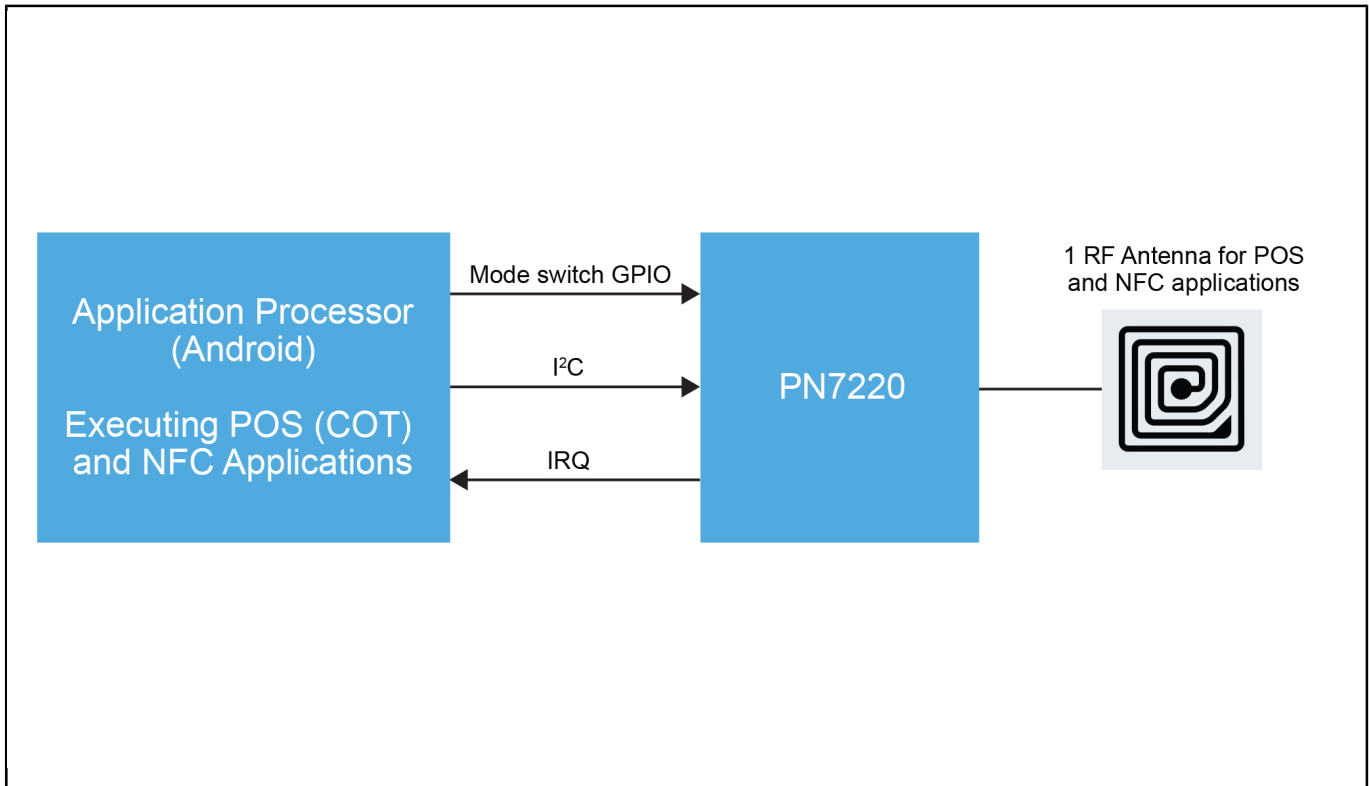
PN7220

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Aiming to increase the reach of card and mobile payment, Europay, Mastercard and Visa (EMV) point of sale (POS) terminals are getting more lightweight, replacing hardware security with software and back-end security. Off-the-shelf mobile devices, like your smart phone, can become an acceptance point for payment cards, a so-called SoftPOS.

With the release of PN7220, POS manufacturers can expand their products to the new SoftPOS payment device category.

PN7220 provides high performance to the user, the NCI interface offers seamless integration into Android 13, and the powerful transmitter combined with a sensitive receiver allow to achieve EMVCo 3.1 analog and digital L1 compliancy even under challenging conditions. The design-in of the PN7220 is supported and simplified by the NFC Cockpit.

With the additional NFC Forum-compliant polling loop, PN7220 is also supporting multi-application use cases in a fully integrated way, supporting both EMV payment cards and loyalty or transit cards.

PN7220 Block Diagram

View additional information for EMV L1 Compliant NFC Controller with NCI Interface Supporting EMV and NFC Forum Applications.

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