



# Pegoda Smart Card Reader Based on PN7642

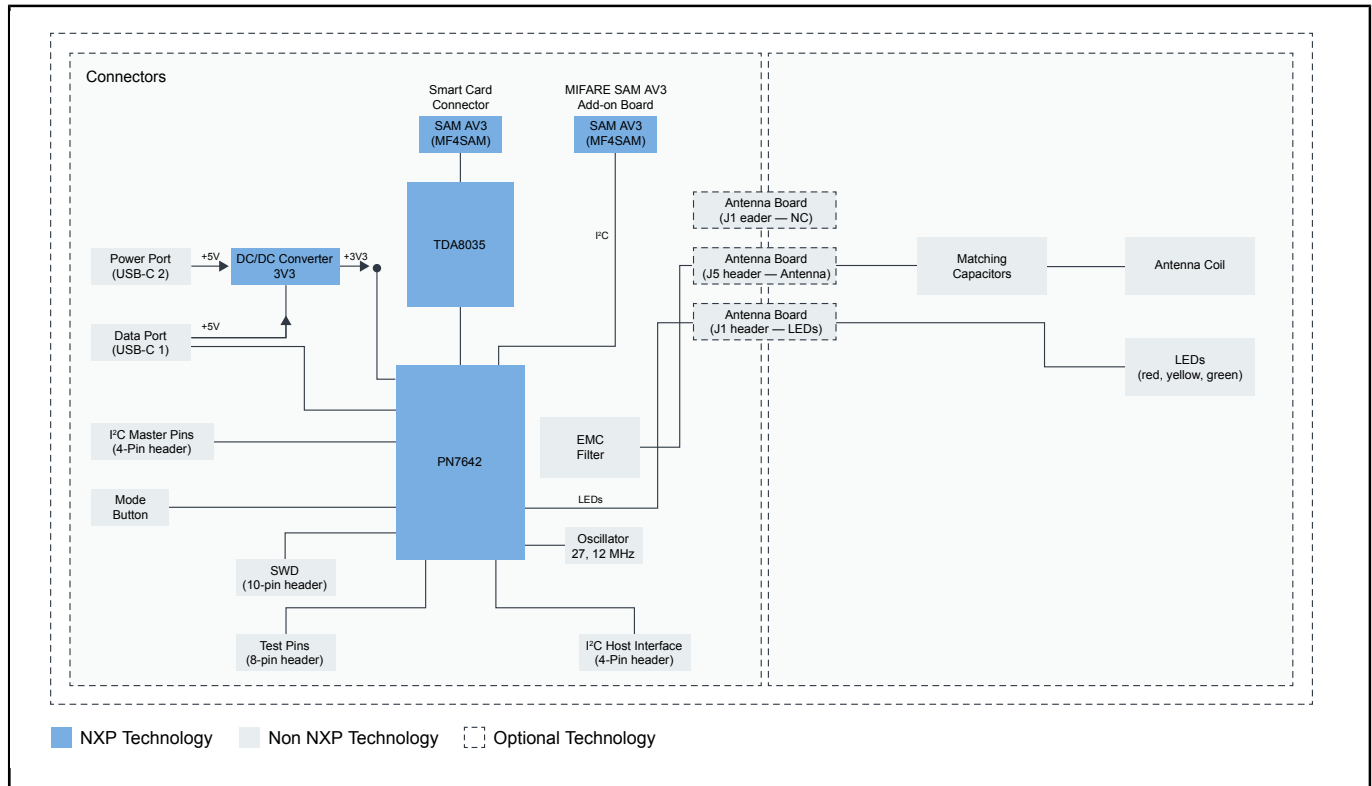
## CLRD730

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The Pegoda CLRD730 reader is a reference design and evaluation reader based on [PN7642 NFC controller](#) with a powerful Arm® Cortex®-M33 microcontroller (MCU). By default, the reader is delivered in personal computer/smart card (PS/SC) mode and can be switched by use of the mode button to Virtual COM (VCOM) on USB-C 1 port. Drivers are installed to identify the reader as contactless as well as contact reader by support of Windows, macOS and Linux. The USB-C 2 power port can be used for an additional external power supply.

The reader is built around proven, well-established MIFARE®, NTAG® and ICODE® products compatible with NXP tools like RFIDDiscover, Card Test Framework and NFC Cockpit.

# Pegoda CLRD730 Block Diagram



View additional information for [Pegoda Smart Card Reader Based on PN7642](#).

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

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