

AdvanIDe[®] Development Tools NXP CLRC 663 Blue Board

ISO 14443 A/B, 15693, Felica, NFC-ready

The **NXP CLRC 663 Blue Board Development Kit** is a tool provided by AdvanIDe to assist OEMs and design houses the rapid and easy design-in of NXP's high performance contactless reader IC CLRC663.

Applications:

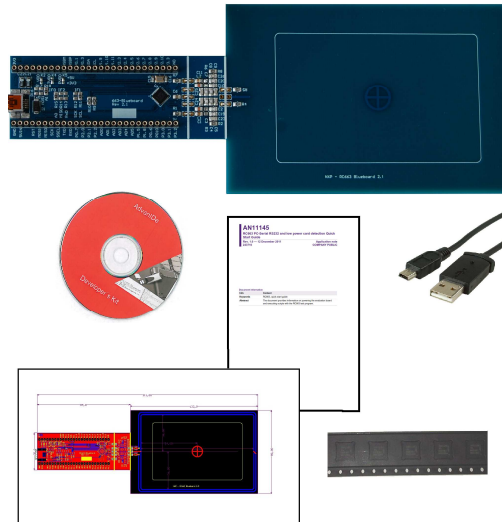
- Point of Sales: Payment incl. P2P couponing
- Physical Access: All cards & tags supported
- Public Transport: ISO14443 Type A&B, FeliCa
- Gaming: High operating distance
- eMetering: P2P communication to mobile phone
- Industrial, White Goods: P2P communication to mobile phone

Features:

- Highest output power reader IC with smallest footprint in the market
- Low power card detection
- Integrated MIFARE Classic support
- Excellent performance over entire voltage range
- Prepared for compliancy to latest EMV Spec 2.0.1
- Enabling communication in reader/writer or peer-to-peer initiator mode to mobile NFC devices
- Easy to integrate as of Sample Scripts and LPCXpresso software development tool

Coming with LPCXpresso's IDE (simplified Eclipse)

Highly-integrated software development environment which includes tools necessary to develop high-quality software solutions in a timely and cost effective manner



Content:

- 1 AdvanIDe CLRC663 blue board including LPCXpresso Board and IDE (simplified Eclipse)
- 1 CD with documentation & reader tool SW
- 1 PCB Design Data (ORCAD, ALTIUM)
- 2 Mini USB Cables
- 5 NXP CLRC663 Reader ICs in HVQFN32 (tape)
- 5 JCOP J3A081 Controller Cards
- 5 NXP DESFire EV1 Cards
- 5 NXP Mifare[™] Classic 1K Cards
- 5 NXP Mifare[™] Ultralight Cards

Support:

Includes 2 hrs of Technical Support via e-mail, hotline and chat provided by AdvanIDe's FAEs

* Mifare is a registered trademark of NXP Semiconductors

Product Specification:
Dimensions (LxWxH): 211mm x 80mm x 13mm
Connection Interface: USB 2.0, Mini-B connector
Operating System: XP, Vista, 7, Mac OS-X, Linux Ubuntu and Fedora
Antenna Included
Operating Temperature range: -20°C to + 80°C
RoHS conformity: yes
ISO/IEC 14443 A / B
ISO/IEC 15693
EPC Class-1 HF/ ISO 18000-3M3
Felica
NFC-ready: NFC Passive Initiator
Interface for 663 can be configured : Serial UART, I2C, SPI
Power Supply can be configured independently to 3.3V or 5V using the solder bridges
AdvanIDe Part number: 070 35 000 83

An ASSA ABLOY group brand.

CLRC663 Kit

Rev 01 - 2012

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