

## 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:**

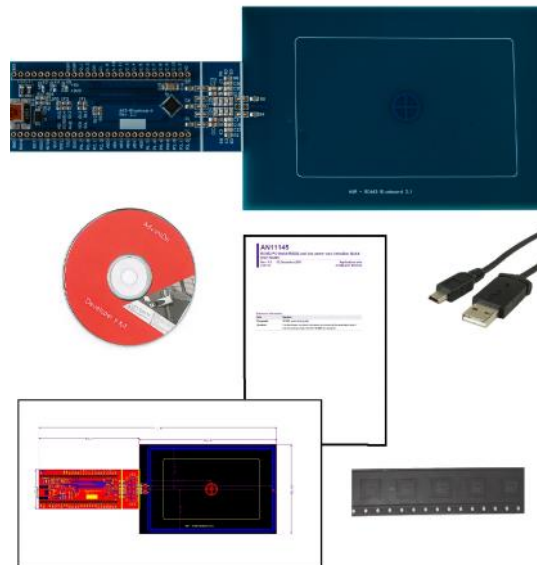
- Point of Sales: Payment incl. P2P couponing
- Physical Access: All cards & tags supported
- Public Transport: ISO14443 Type A&B, FeliCa
- Gaming: High operating distance
- eMeter: P2P communication to mobile phone
- Industrial, White Goods: P2P communication to mobile phone

#### **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

#### **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)
- 1 Mini USB Cable
- 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



#### **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

#### **Support:**

includes 2 hrs of Technical Support via Email, hotline and chat provided by AdvanIDe's FAEs

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: -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
AdvanIDe Part number: 070 35 000 83

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CLRC663 Kit

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