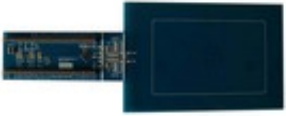


# CLEV663B



CLRC663 reader board stacked on top of LPC-Link board supporting NXP's ARM-based microcontrollers

## Demo board description

CLRC663 reader board stacked on top of LPC-Link board supporting NXP's ARM-based microcontrollers

## Features

- Supports full development environment of LPCXpresso™
- Simple to understand software based on NXP Reader Library incl. examples for fast development supporting LPC1769 development board:
  - Polling Loop
  - MIFARE Ultralight, MIFARE Classic, MIFARE DESFire EV1
- Power supply by USB cable
- Antenna can be separated from reader section
- Supported LPCXpresso™ board: OM11049 (12NC: 935290886598)

## Descriptive summary

### Benefits

- Fast software development based on a easy to understand firmware
- Development based on LPCXpresso™, the low-cost development platform available from NXP
- Hardware allows antenna matching and tuning

The OM11049 and the USB cables are not included in the CLEV663B.

## Documentation for this product

Download all documentation (zip)

File name	Title	Type	Format	Date
AN11342	How to Scale Down the NXP Reader Library	Application note	pdf	2013-03-19
AN11211	Quick Start Up Guide RC663 Blueboard	Application note	pdf	2015-07-09
AN11402	How to implement the ICODE ILT anti-collision	Application note	pdf	2013-10-24
AN11367	How to build a NFC Application on Android	Application note	pdf	2015-09-28
314130	Schematics and BOM for CLEV663B	Other type	zip	2014-11-17
SW297833	NFC Reader Library V3.010 for CLEV663B including all software examples	Software	zip	2014-12-02
SW335611	NFC Reader Library V3.062 for CLEV663B including ICODE SLI (ISO15693) and ICODE ILT (ISO18000-3M3) components only. Contains ICODE SLI and ICODE ILT examples.	Software	zip	2015-07-07
UM10721	NXP Reader Library Peer to Peer User Manual based on CLRC663 and PN512 Blueboard Reader projects	User manual	pdf	2013-07-24
UM10663	NXP Reader Library User Manual based on CLRC663 and PN512 Blueboard Reader projects	User manual	pdf	2013-10-24

## Demo boards

Type number	Ordering code(12NC)	Orderable part number	Products status	Region	Distributor	In stock	Order quantity	Inventory date	Buy online
CLEV663B	9352 978 15699		Active	NA	DigiKey	38	1	10/09/2015	<a href="#">Buy</a>
				EU	Farnell Europe	21	1	10/08/2015	<a href="#">Buy</a>
				Global	Rochester Electronics	5	1	10/09/2015	<a href="#">Buy</a>

## Products

Type number	Description	Status	Quick access
CLRC66302HN	High performance NFC reader solution	<a href="#">Production</a>	<a href="#">Download datasheet</a> <a href="#">Order sample</a>

## Technical support

Do you want to ask technical questions to an NXP expert? Please select one of the following options:

- Visit our Support Community to ask a question
- Find answers in our technical support site.

Find answers to your design questions on this page. If available you can find information in our NXP Support Community or you can find NXP models, Demo boards and Design tools.

## Software

Title	Type	Date
NFC Reader Library V3.010 for CLEV663B including all software examples	Software	2014-12-02
NFC Reader Library V3.062 for CLEV663B including ICODE SLI (ISO15693) and ICODE ILT (ISO18000-3M3) components only. Contains ICODE SLI and ICODE ILT examples.	Software	2015-07-07

## Frequently asked questions and Community discussions

The Frequently asked questions are answers provided by NXP technical experts. The discussions are between users of the Community, these can be NXP technical experts, but also other users.

15-07-2014	Is there a script file available to read all ICODE SLIX IC's with the CLRC663 Blueboard?
11-06-2014	What is the difference between CLRC66301HN and CLRC66302HN
12-05-2014	Does the CLRC663 supports extended length APDU?
12-03-2014	How can you use the LPCD - Low Power Card Detection - of the CLRC663 and what do you need to know about a "Low Power Design"?
09-01-2014	Where can I find documentation for CLRC663?

[Go to the NXP Support Community](#)

**Disclaimer** All Community items are matched using search logic, so not all results may be equally relevant. Any opinions, advice, statements or other information in the discussions posted or transmitted by any third party are the responsibility of the author of that message and not of NXP.

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