

# RFID2USB-Stick

## GP RFID-Development Stick

The RFID2USB-Stick is a development stick especially designed for contactless general purpose Near-Field-Communications (NFC) applications. This stick is based on the contactless RFID 13.56MHz technology and supports NFCIP-1 mode (ISO/IEC 18092), ISO 14443A/Mifare as well as ISO 14443B reader/writer standards. Supported contactless smart cards are MIFARE and FeliCa.

The plug and play capability of this USB-device and the support of several operating systems and applications turn this smart stick into a general purpose RFID development platform for your individual needs. The applications are wide spread and include access control, verification and authentication of time attendance, e-payment and other NFC related scenarios.

### Hardware Features

CPU	LPC1765 (Cortex M3)
TRANSCIVER IC	PN512
HOST INTERFACE	USB 2.0
TRANSMISSION SPEED	USB 2.0 full speed
POWER SUPPLY	BUS powered
STANDARDS	ISO/IEC 14443A/B and ISO/IEC 18092
RFID INTERFACE SPEED	Up to 424kbit/s
OPERATING FREQUENCY	13.56MHz
STATUS INDICATOR	1 Duo LED
POWER CONSUMPTION [MAX]	1.8W
TEMPERATURE RANGE	Commercial (0° to 70°)
ROHS COMPLIANT	Yes
DIMENSIONS	81mm x 23mm x 6 mm

### Applications

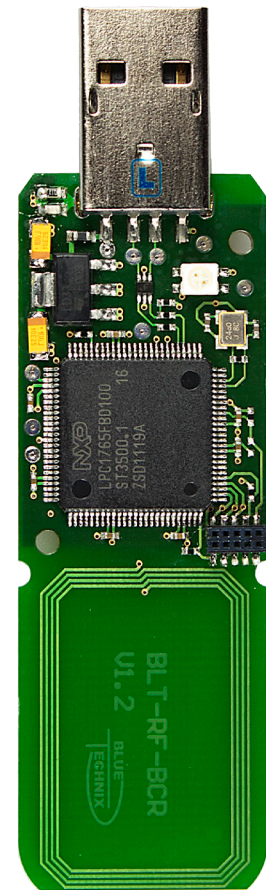
- » Access control
- » Authentication
- » Micro-payment
- » NFC mobile tag
- » Online purchase
- » Customer loyalty
- » Time and attendance
- » e-payment

### Supported cards

- » Mifare Classic
- » Mifare Ultralight
- » Mifare Ultralight C
- » Mifare Desfire
- » Mifare Plus
- » FeliCa

### Ordering Information

Order No.	Info
909-2131-1	RFID2USB-Stick - RFID General Purpose Development Stick



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### Contents

- » RFID2USB-Stick
- » RFID2USB-Stick schematics
- » ARM JTAG adapter
- » LPCDemoProject(MSD) for IAR

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