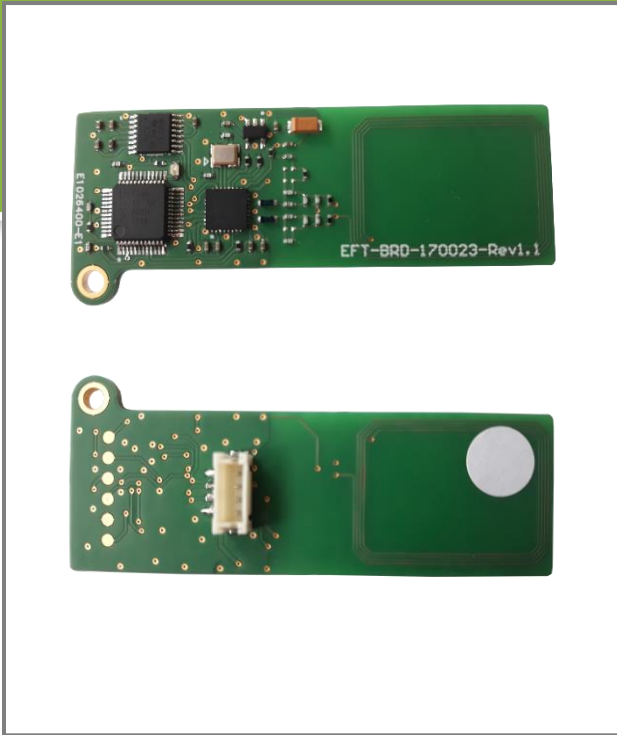


# EFT-NFC-RS232

NFC Dongle

REF : 181001



## DESCRIPTION

EFT-NFC-232 is **NFC Dongle** designed to facilitate the integration of 13.56 MHz contactless connectivity.

It is **built-in with a full features NFC protocol stack controlled through an AT command set** to implement NFC application in only a few steps.

It is suitable for small systems with few resources.

It is optimized for low power consumption and its **small form factor** makes it easily attachable to any kind of electronic devices.



## KEY FEATURES

- Built-in full features NFC stack
- Easy integration through AT commands
- ISO 14443-A
- ISO 14443-B
- FeliCa
- MIFARE 1K/4K/DESfire/Ultralight
- NTAG
- SNEP (Simple NDEF Exchange Protocol)
- NDEF (NFC Forum Data Exchange Format)
- Application specific command set (coupons)

## KEY BENEFITS

- Integrate NFC technology in any electronic devices
- Drastic reduction of development cost and delay
- Access to highly qualified support team



## TARGETED APPLICATIONS

- Intelligent building systems
- Domestic appliances
- Industrial equipment

### Contact

For more information, please contact [sales@effinnov.com](mailto:sales@effinnov.com)

[www.effinnov.com](http://www.effinnov.com)

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Technical data are subject to change without notice

General Specifications	Min	Max
Operating Temperature	-20°C	70°C

Electrical Specifications	
Operating Voltage	5V
Average Current Consumption	3 mA
Peak Current Consumption	100 mA

Interface	
RS232	115200bauds, 8bits, parity None, 1 stop bit

RF Specifications	
Frequency	13.56 MHz
Reading distance	Up to 50 mm
Antenna	Internal
Protocol	ISO14443-A/B, ISO18082, Felica

B4B-ZR-SM4-TF pinout			
Pin	Interface		
1	GND		
2	RS232 TX		
3	RS232 RX		
4	VCC		

Mechanical Dimensions	Width	Length	
	25 mm	60 mm	

## Ordering Information

Type Number	Description
EFT-NFC-RS232-01	NFC Dongle - Full feature

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