



# Application Note

80507NT11470A, Rev. 02 – 2016-05-26

**TELIT**  
**TECHNICAL**  
**DOCUMENTATION**

# BlueEva+SR

NFC Add-on Package

Release r02

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## 1 Introduction

This documentation describes the upgrade of the Bluetooth evaluation board BlueEva+SR with NFC Handover.

## 2 Requirements

The BlueEva+SR NFC Add-on package is intended for customers who have bought a BlueEva+SR hardware without NFC Handover feature in the past.



Figure 1: BlueEva+SR hardware without X3 connector (24 pin strip)

## 3 Add-on Package

Please use the following order number if you want to order the Add-on package from Telit:

Order number: 53300-00

### 3.1 Package Contents

The NFC Handover Add-on package contains the following components:

- 1 x Pin strip (24 pins)
- 1 x NFC board “NTAGI2CEvalv1.0” including corresponding flat ribbon cable

### 3.2 Hardware

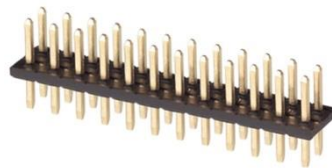


Figure 2: Pin strip (24 pins)



Figure 3: NFC tag with flat ribbon cable

### 3.3 Solder the pin strip

- Please solder the pin strip carefully on top of the BlueEva+SR hardware and avoid solder straps. Otherwise the NFC tag will not work correctly! The place where the pin strip shall be soldered is labeled with “X3”. The pin strip has no alignment so it is not possible to solder it in a wrong direction.
- After soldering the pin strip it shall look as shown in the following picture.

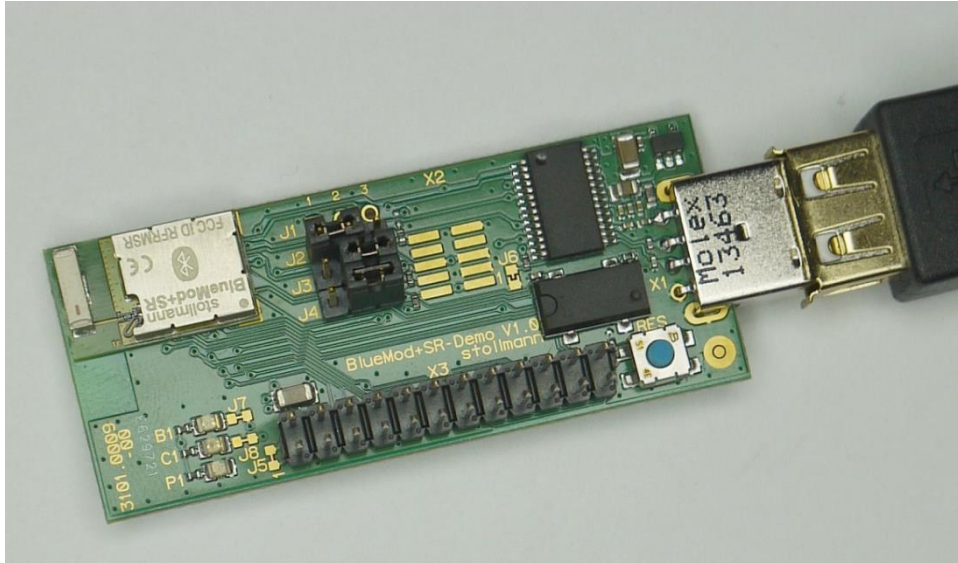


Figure 4: BlueEva+SR with soldered pin strip

### 3.4 Connect the NFC tag to the BlueEva+SR hardware

- Connect the NFC tag including the flat ribbon cable to the BlueEva+SR hardware as shown in the following picture.

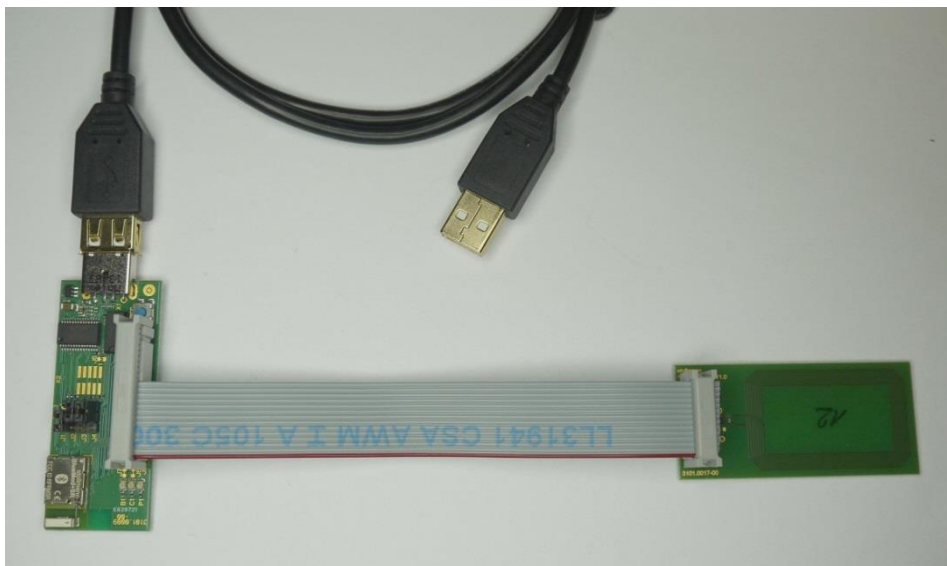


Figure 5: NFC tag connected to the BlueEva+SR

## 4 BlueEva+SR Firmware Update (optional)

The NFC Handover feature is supported since firmware version 1.502.  
Please check if your BlueEva+SR includes at least this firmware version,  
otherwise please update the firmware.

Please refer to the **BlueEva+SR User Guide** regarding firmware update.  
<http://www.telit.com/support/technical-support/>

## 5 Usage of NFC Handover

Please refer to the **BlueEva+SR User Guide** regarding the usage of the NFC  
Handover feature.  
<http://www.telit.com/support/technical-support/>

## 6 History

Version	Release Date	By	Change description
r01	27.02.2015	NH	First release
r02	26.05.2016	BG	Telit cover page added



BlueEva+SR  
NFC Add-on Package



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# SUPPORT INQUIRIES

Link to **[www.telit.com](http://www.telit.com)** and contact our technical support team for any questions related to technical issues.

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