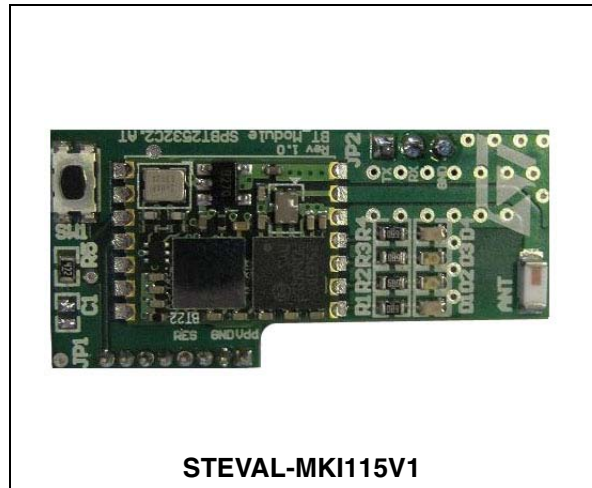


Bluetooth extension demonstration board for STEVAL-MKI109V1

Data brief

Features

- Fully compatible with the STEVAL-MKI109V1, the extension board has been designed to make the STEVAL-MKI109V1 board wireless, a significant advantage which allows using the sensors without a connection cable
- Based on Bluetooth technology, it works in conjunction with the STEVAL-SPBT2ATV2 module or any Bluetooth device
- The module allows the user to create a Bluetooth link with simple AT commands. The AT command list is detailed in the SPBT2532C2.AT datasheet
- RoHS compliant



STEVAL-MKI115V1

Description

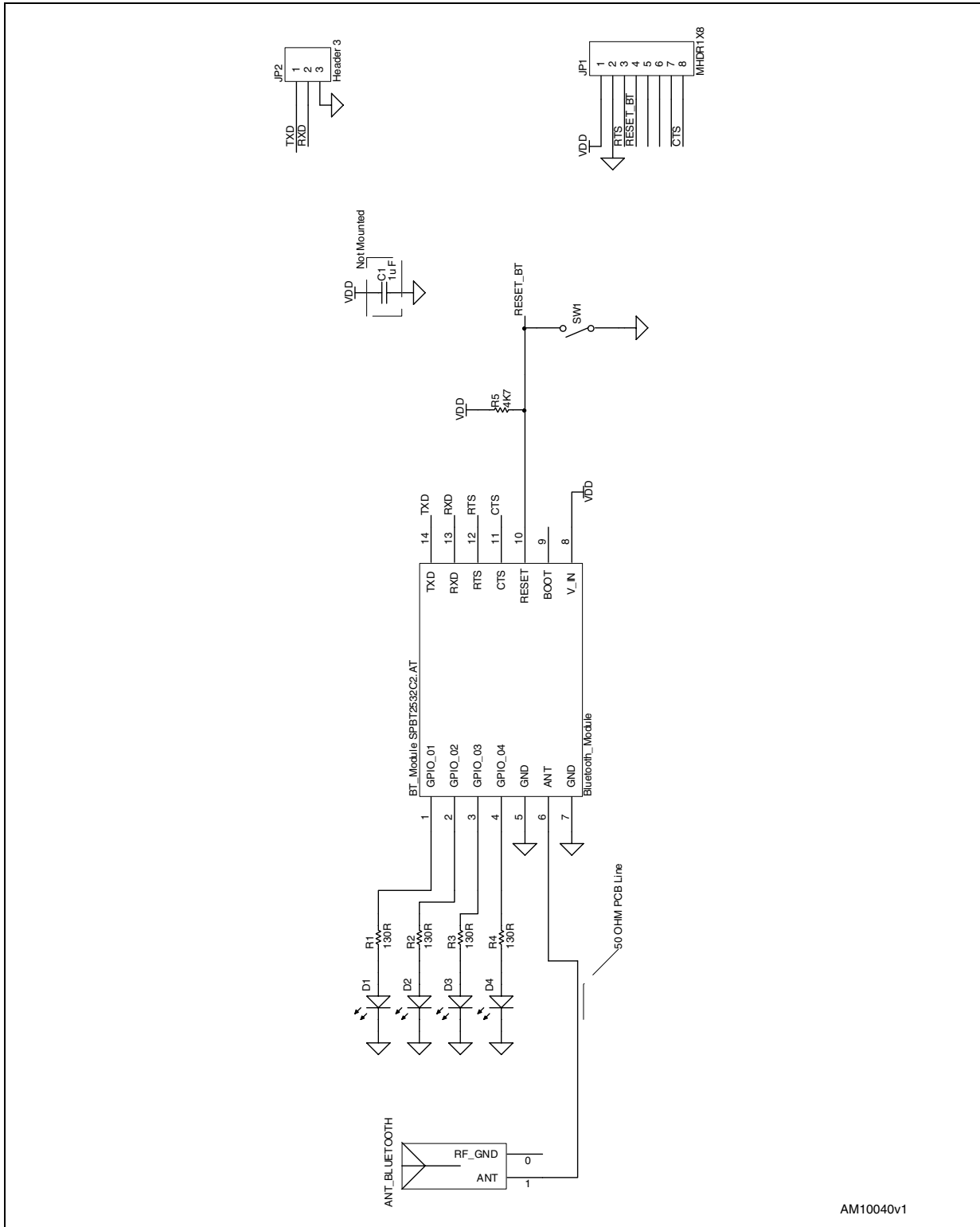
The STEVAL-MKI115V1 has been designed to be plugged into STEVAL-MKI109V1 and to make it wireless. Thanks to the SPBT2532C2.AT module mounted on board and its AT commands, it is possible to easily establish a Bluetooth connection between the STEVAL-MKI109V1 and other Bluetooth devices such as a PC, mobile phone, etc.

The STEVAL-MKI109V1 + STEVAL-MKI115V1 (FW version 2.x) are fully compatible with “Unico” PC software, allowing the user to wirelessly evaluate every sensor adapter board.

If the STEVAL-MKI109V1 has an old firmware 1.x version, it can be updated to the 2.x version through the DFU system (device firmware upgrade), see UM0412 for more details.

1 Schematic

Figure 1. STEVAL-MKI115V1 electrical schematic



AM10040v1

2 Revision history

Table 1. Document revision history

Date	Revision	Changes
06-Sep-2011	1	Initial release.

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