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# STEVAL-IPR001V1

## RFID reader evaluation board

Data Brief

### Features

- PC or embedded/autonomous usage
- USB or RS232 interface
- 3 possible operating modes: demokit, data collection or auto-write
- 3 possible power supplies: USB, battery or AC-DC adapter
- Up to 3 CRX14 antenna boards (I<sup>2</sup>C)
- RTC
- Industrial temperature range ( $\mu$ PSD)

### Description

The purpose of this design is to demonstrate the key features of STMicroelectronics SRxx RFID family. The short-range RFID product family with field proven security features addresses all global security and cost requirements by following worldwide ISO 14443-B standards and free licensing policy. This demo kit features several ways of powering, USB and RS232 interfaces, and PC or standalone operating modes. This diversity eases the system development process on the customer side. Target applications are data collection, access control, medical application, traceability, brand protection, e-purse and vending machines.



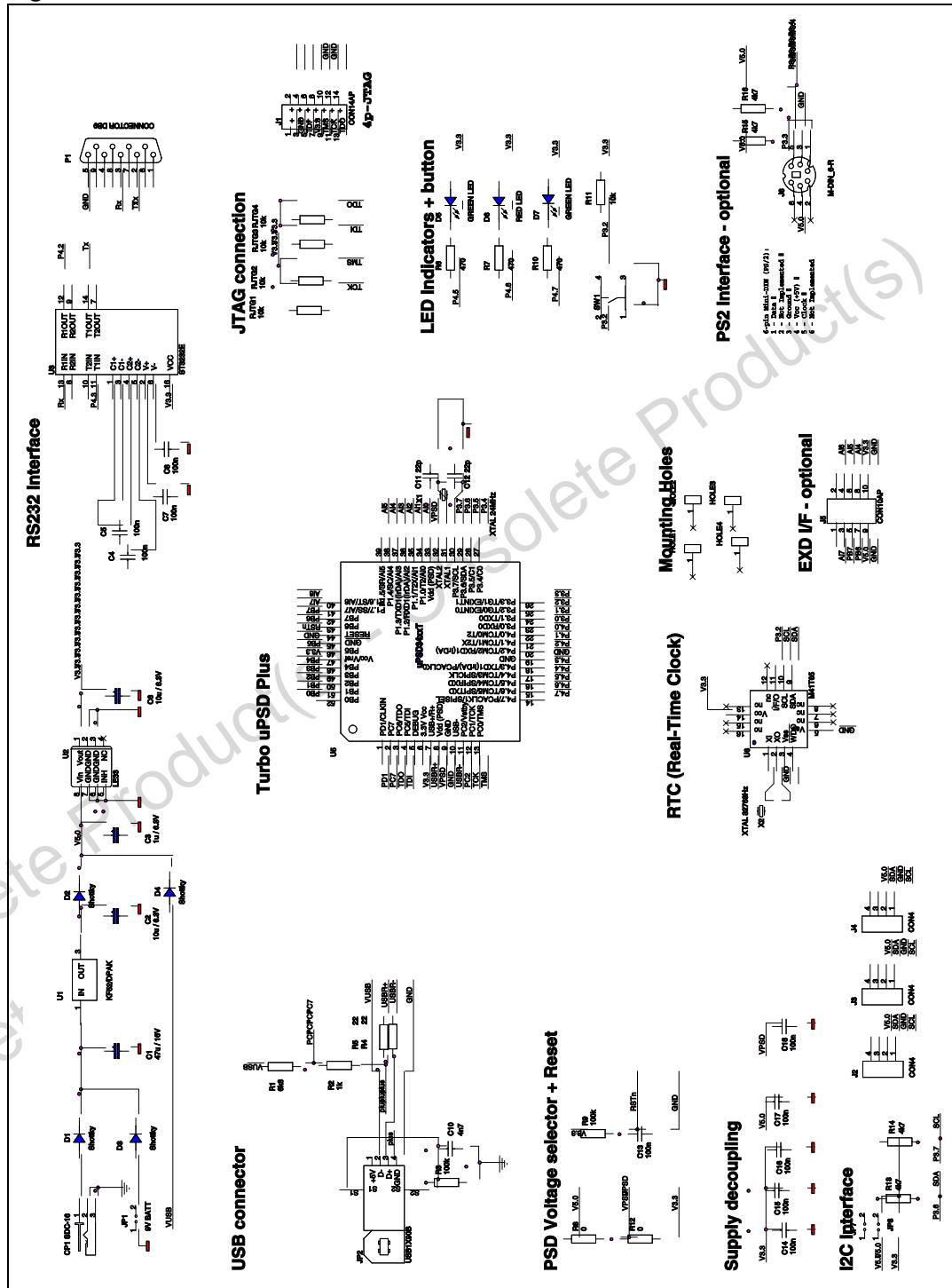
STEVAL-IPR001V1

Board schematic

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**1 Board schematic**

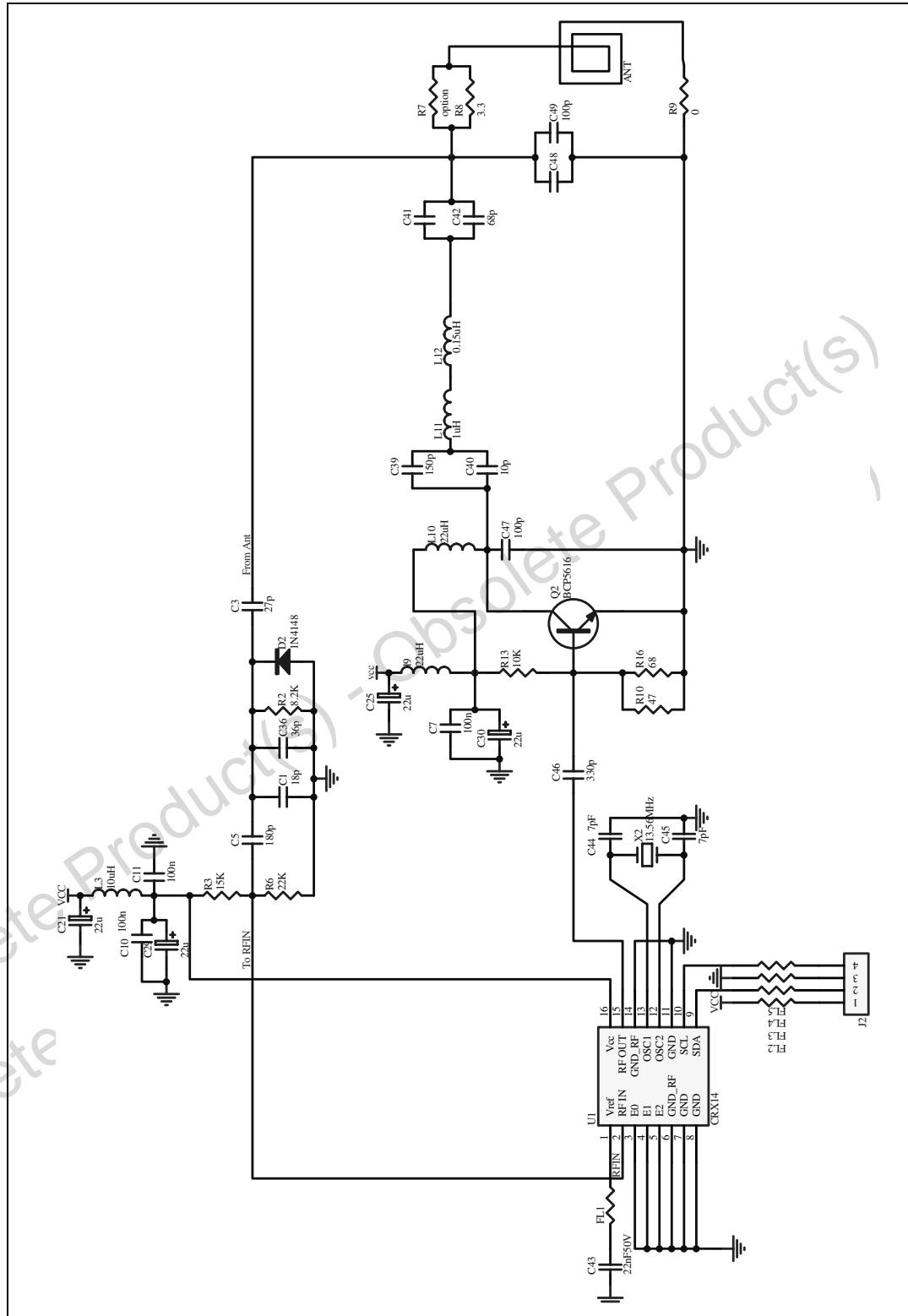
Figure 1. Schematic 1/2



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**Board schematic**

**Figure 2. Schematic 2/2**



**Revision history****STEVAL-IPR001V1****2 Revision history****Table 1. Document revision history**

Date	Revision	Changes
26-Nov-2007	1	Initial release

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