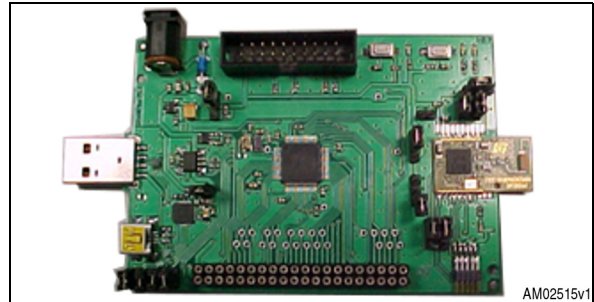


Evaluation kit for the series of SPZB260-PRO ZigBee[®] modules

Features

- Evaluation kit for the series of the SPZB260-PRO Zigbee modules
- Shipped with the version 3.3.1 of the EmberZNet PRO™ protocol stack uploaded on the ZigBee module and with the “version” application loaded on the microprocessor.
- Integrated STM32F103RET6, with 512 KB Flash and 64 KB RAM
- Configurable HW support for application development
 - STLM75 digital temperature sensor
 - Voltage battery measure circuitry
 - Push button
 - Two LEDs
- Integrated connectors:
 - Insight port
 - JTAG connector
 - USB and Mini USB connectors
 - 40-pin double-row header for accessing the STM32 GPIO
- Reset push button
- Multiple supply options (USB, power jack, external batteries)
- Reset button
- Power indicator LED
- Selectable boot modes (Flash, RAM and through USART1 (USB/RS-232bridge))
- CD with user manual and a SW package integrating:
 - HAL libraries
 - EZSP driver
 - Sensor-sink application software



Description

STEVAL-SPZB260Vx is an evaluation kit of the SPZB260-PRO series of the ZigBee modules that enables you to test ZigBee protocol feature capabilities and to prototype a coordinator, a router or an end device for your target ZigBee application.

The main components integrated in the development board are a Zigbee radio communication module of the series SPZB260-PRO that is based on the EM260 network processor chipset and an STM32F103RET6 microprocessor.

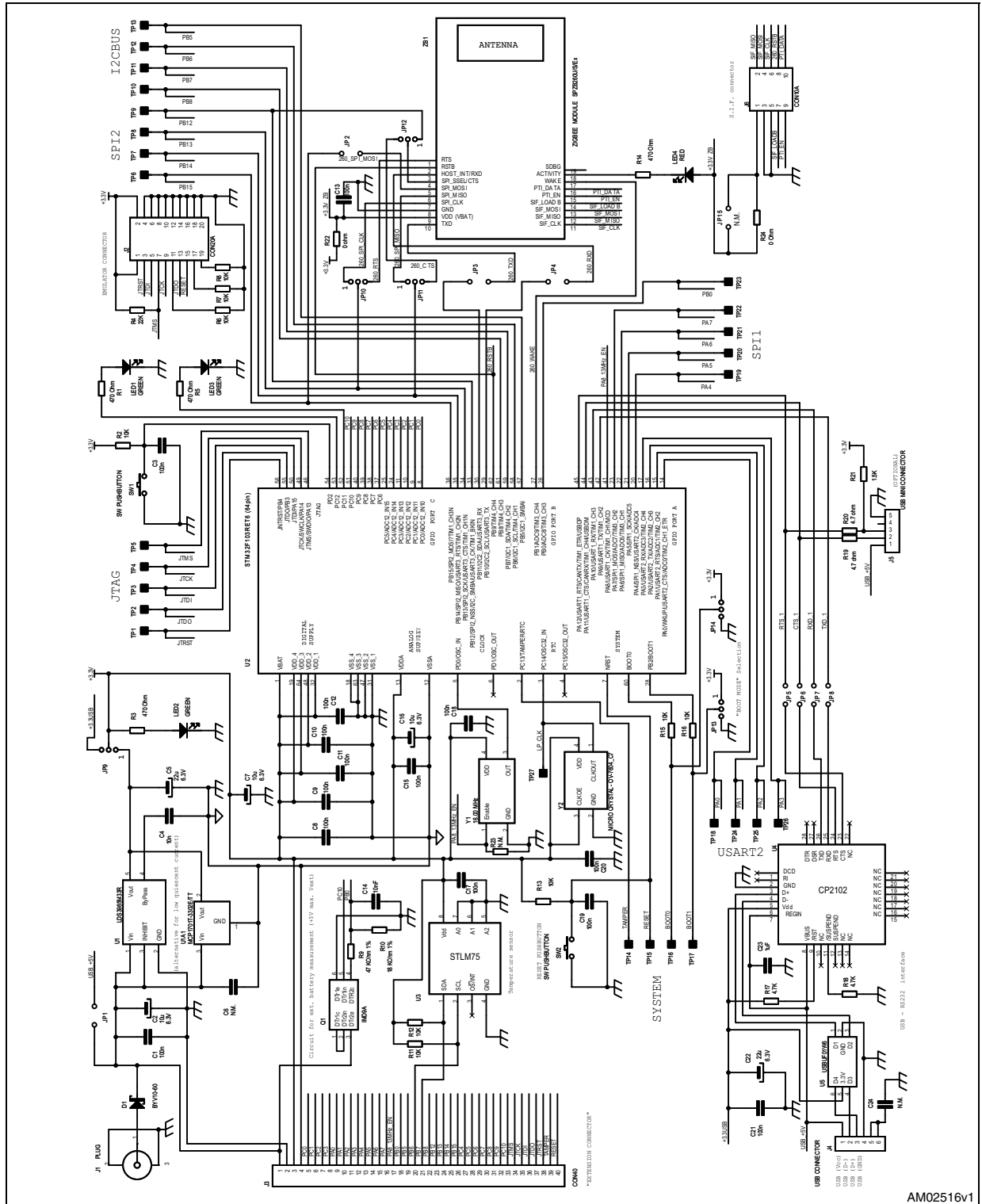
The SW in the evaluation kit includes the hardware abstraction layer and the microprocessor libraries, the Ember ZigBee serial protocol driver and a simple application implementing sensor and sink features for use in a typical remote monitoring scenario.

Table 1. Device summary

Order codes	Integrated module
STEVAL-SPZB260V1	SPZB260-PRO
STEVAL-SPZB260V2	SPZB260C-PRO
STEVAL-SPZB260V3	SPZB260PA-PRO
STEVAL-SPZB260V4	SPZB260PAC-PRO

Schematic diagram

Figure 1. Schematic diagram



AM02516v1



1 Revision history

Table 2. Document revision history

Date	Revision	Changes
28-Apr-2010	1	Initial release.

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