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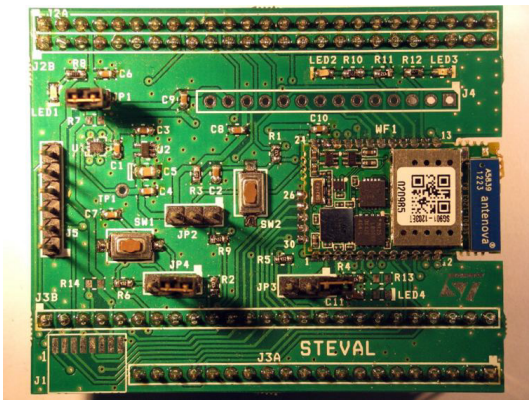
STEVAL-IDW001V1

Wi-Fi daughterboard for STM32F0DISCOVERY

Data brief



Features

- Integrated SPWF01SA.11 Wi-Fi module
- Used as daughterboard for the STM32F0DISCOVERY
- Can be used with the STEVAL-PCC018V1 UART to USB bridge board
- Integrated reset button
- Integrated power LED
- Dimensions: 53 mm x 65 mm
- RoHS compliant

Description

The STEVAL-IDW001V1 provides a platform for evaluation of ST's SPWF01SA.11 Wi-Fi module. This product evaluation board integrates connectors for use in conjunction with the STM32F0DISCOVERY or with the STEVAL-PCC018V1.

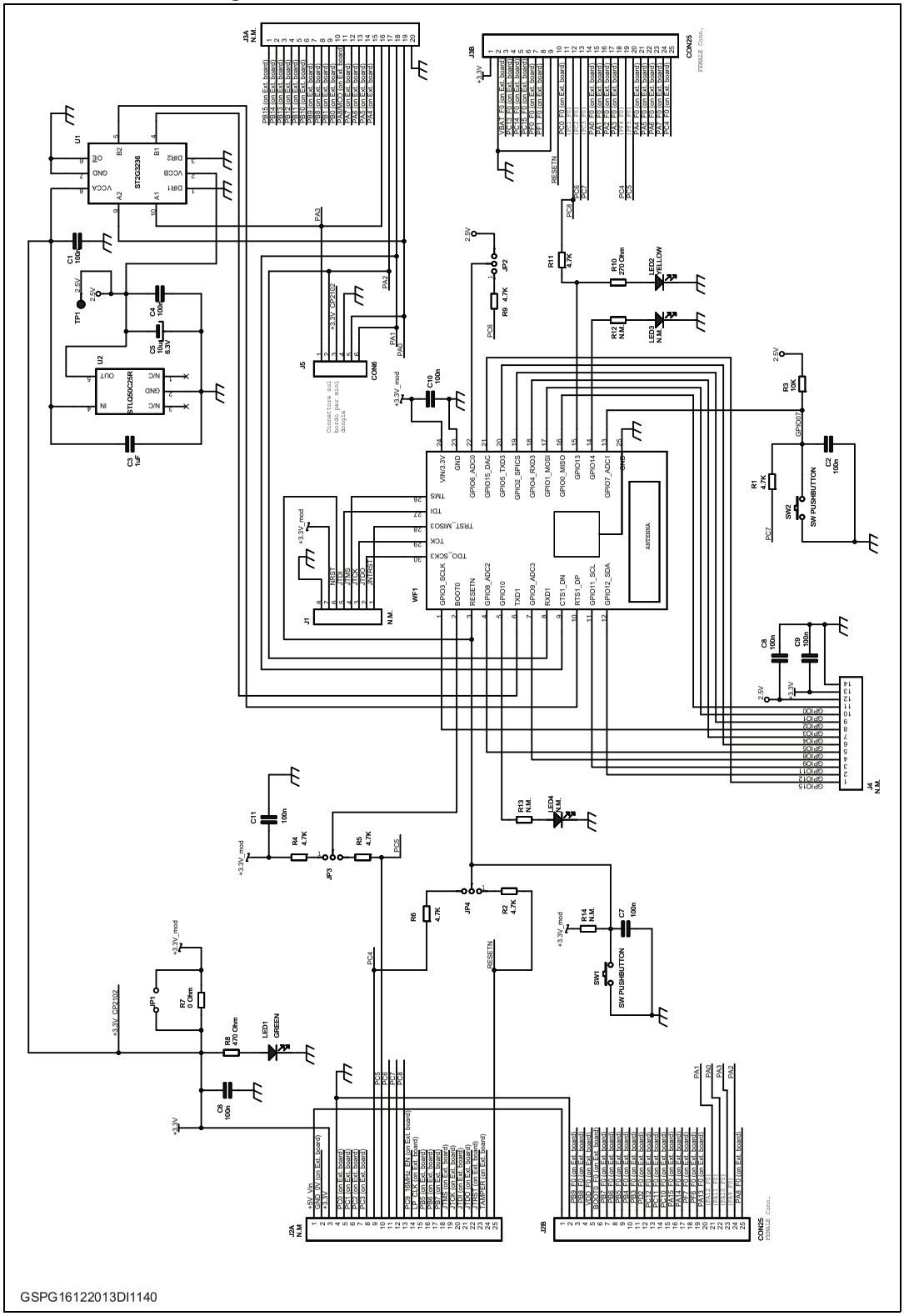
With the STM32F0DISCOVERY, it can be used as a USB dongle on a PC to evaluate the AT commands that are available in the Wi-Fi module firmware. This can be done using a PC utility such as HyperTerminal or similar.

When integrated with the STM32F0DISCOVERY, the STEVAL-IDW001V1 allows the use of the Wi-Fi module as a network co-processor for the STM32F0 microcontroller. In this case it is necessary to write an application for the microcontroller to pilot the Wi-Fi module capabilities.

For further information contact your local STMicroelectronics sales office. www.st.com

1 Schematic diagram

Figure 1. STEVAL-IDW001V1 circuit schematic



2 Revision history

Table 1. Document revision history

Date	Revision	Changes
11-Feb-2014	1	Initial release.

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