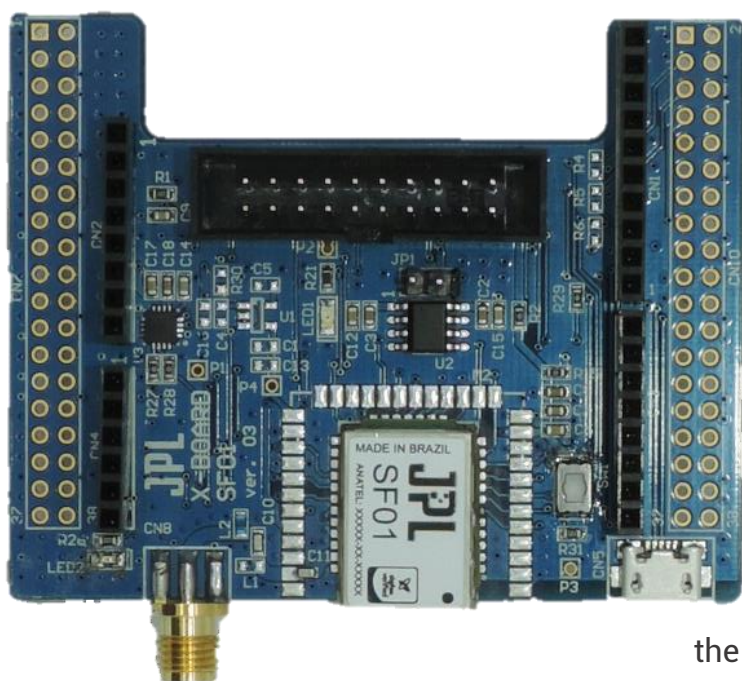# X-BOARD-SF01

Evaluation board for SF01 module (SIGFOX Module for RCZ2 and RCZ4)

SF01 SIGFOX Module for RCZ2/RCZ4 Databrief DB001 Rev – 1.0

Description

The X-BOARD-SF01 is a SIGFOX™ evaluation board based on JPL SF01 RCZ2 and RCZ4 module to allow stand-alone applications as well as operating as expansion of the STM32 Nucleo boards or Arduino boards. The X-BOARD-SF01 is compatible with the ST Morpho and Arduino UNO R3 connector layout (the user can mount the ST Morpho connectors, if required). The X-BOARD-SF01 can interface with the STM32 microcontroller via the SPI or UART pins, selecting the interface by changing some resistors on the evaluation board.

Features

✓ RCZ2 and RCZ4 SF01 Compact SIGFOX™ expansion board
✓ STM32 expansion board based on the SF01 module for STM32 Nucleo
✓ Compatible with STM32 Nucleo boards
✓ Equipped with Arduino UNO R3 connector
✓ Programming interface through SWD connector
✓ USB to UART converter
✓ SPI/I²C available
✓ Push button (reset and User button available), LED (power and TX indicator)
✓ Scalable solution, capable of cascading multiple boards for larger systems
✓ Free comprehensive development firmware library

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