Complete Ecosystem for Sigfox™ IoT devices

All the solutions you need to develop efficient and secure IoT devices with Sigfox connectivity

ST is your ideal partner to quickly design and develop IoT devices that connect to the Sigfox network. Our broad portfolio of products and pre-integrated solutions addresses key IoT device design challenges - energy consumption, security, affordability, and time to market.

**S2-LP SUB-1 GHZ TRANSCEIVER**
Ultra-low-power sub-1 GHz transceiver meeting Sigfox requirements and delivering top-notch RF performance and unparalleled energy efficiency.

**CONNECTIVITY SOLUTIONS**
Complementary short-range communication technologies such as industry-leading NFC solutions, ST’s BlueNRG BLE processor or STM32WB wireless MCU.

**STM32 MICROCONTROLLERS**
A broad portfolio of STM32 32-bit microcontrollers, from ultra-low-power to high performance, offering a rich set of analog & connectivity peripherals.

**STSAFE SECURE ELEMENT**
Dedicated secure element with pre-configured Sigfox ID and keys, enhancing the integrity and confidentiality of transmissions over the Sigfox network.

**BROAD RANGE OF SENSORS**
A range of compact and low-power motion MEMS and environmental sensors, as well as ranging sensors to add sensing capabilities to any application.

**BALUNS**
Baluns designed for the S2-LP Sub-1 GHz transceiver, for the BlueNRG BLE processor and for the STM32WB wireless MCU.
A COMPREHENSIVE SET OF DEVELOPMENT AND PROTOTYPING BOARDS

Choose the appropriate STM32 Nucleo development board (MCU) and expansion (X-NUCLEO) boards covering the functionality you need.

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