Nordic Thingy:52

IoT Sensor Kit

Nordic Thingy:52 is an easy-to-use development platform, designed to help you build IoT prototypes and demos, without the need to build hardware or write firmware from scratch.
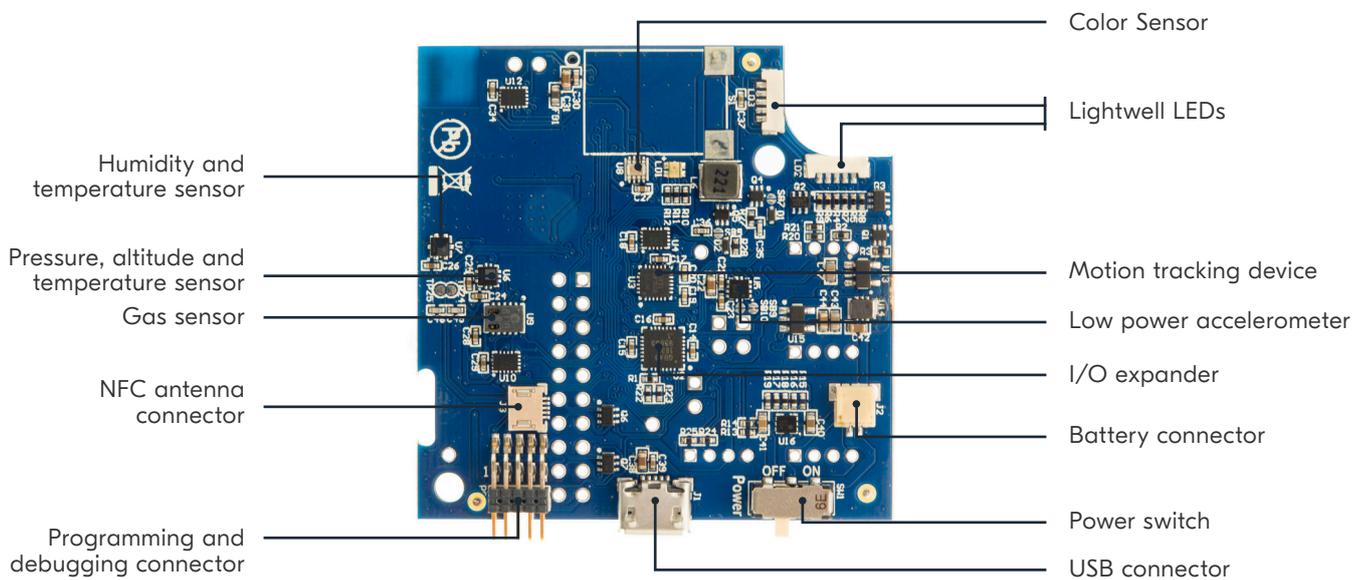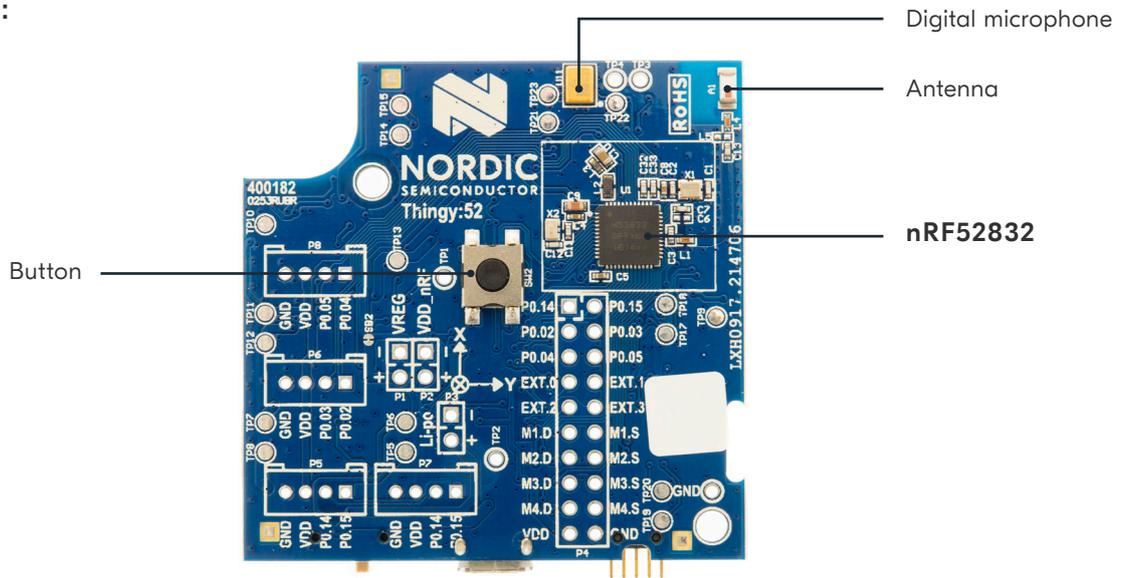
Nordic Thingy:52™ (Thingy) is built around the nRF52832 Bluetooth® 5 SoC from Nordic Semiconductor. It connects to Bluetooth-enabled mobile phones, laptops, tablets, Raspberry Pis and similar devices, and sends data from its sensors and actuators to an app and to the cloud. Thingy can sense movement, orientation, temperature, humidity, air pressure, light, color, and air quality. It can also play sound via its speaker and stream sound to the mobile app from its microphone.

The functionality of Thingy can be configured over-the-air via a Bluetooth API. That makes it possible to create demos and prototypes without actually programming Thingy itself, and do all development on the app or cloud solution. As new versions of the firmware are released, Thingy can be updated over-the-air using the provided apps.

Advanced users can use Thingy as a development kit by building their own firmware and uploading it onto the board.

nordicsemi.com/thingy

KEY FEATURES:

Digital microphone

Antenna

nRF52832

Button

Color Sensor

Lightwell LEDs

Humidity and temperature sensor

Pressure, altitude and temperature sensor

Gas sensor

Motion tracking device

Low power accelerometer

I/O expander

NFC antenna connector

Battery connector

Programming and debugging connector

Power switch

USB connector

ORDER INFORMATION:

nRF6936	Nordic Thingy:52, IoT Sensor Kit

DOWNLOAD THE THINGY APP:

Download on the App Store

GET IT ON Google play

WORLD WIDE OFFICE LOCATIONS

Headquarters:
Trondheim, Norway
Tel: +47 72 89 89 00

For more information
Visit nordicsemi.com for the complete product specification about this and any other wireless ULP products.

About Nordic Semiconductor
Nordic Semiconductor is a fabless semiconductor company specializing in ULP short-range wireless communication. Nordic is a public company listed on the Norwegian stock exchange.

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