# 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.
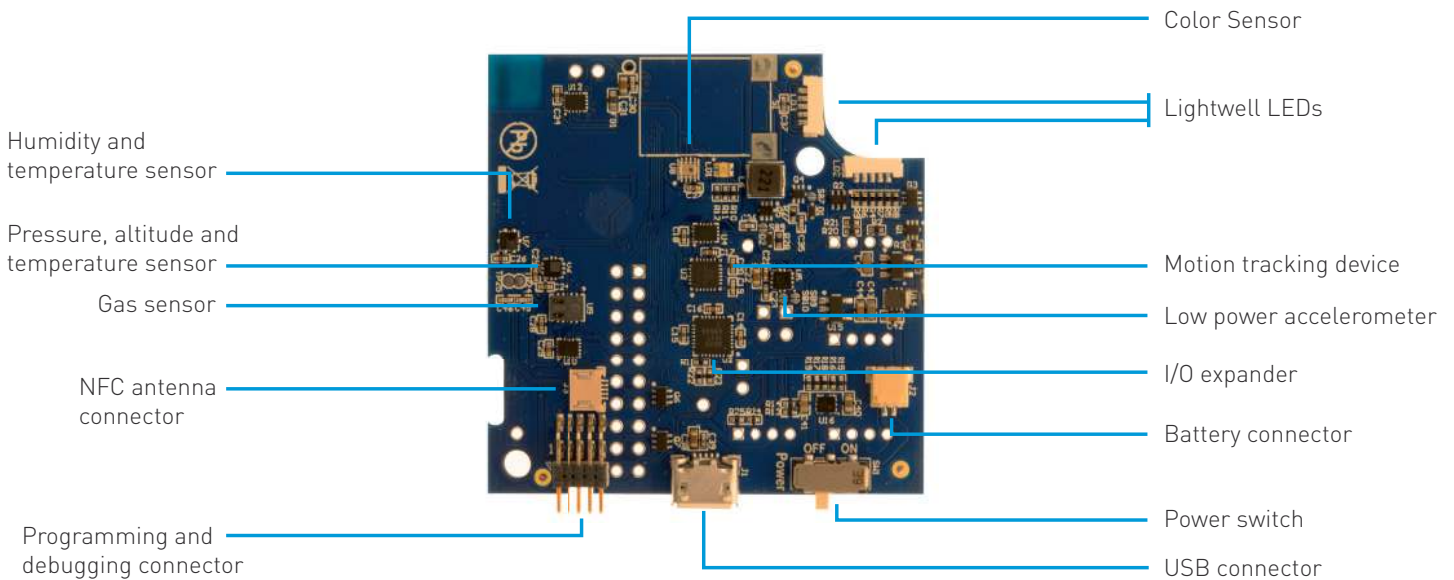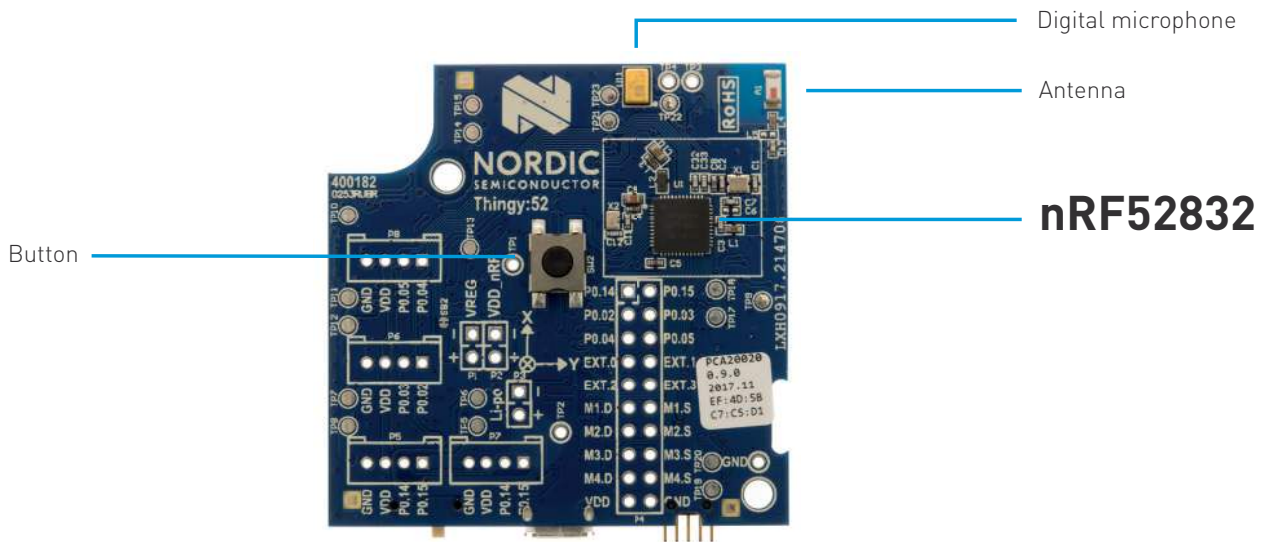
**Nordic Thingy:52™ (Thingy)** is built around the nRF52832 Bluetooth® 5 SoC from Nordic Semiconductor. It connects to Bluetooth-enabled mobile phones, laptops, tablets, Raspberry Pis and similar devices, and sends data from its sensors and actuators to an app and to the cloud. **Thingy** can sense movement, 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

Power switch

Programming and debugging connector

USB connector

## Order information:

| nRF6936 | Nordic Thingy:52, IoT Sensor Kit |
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**Download the Thingy app here:**

AVAILABLE ON THE App Store

GET IT ON Google Play

## Nordic Thingy:52 is available from the following online partners:

ARROW

AVNET

Digi-Key CORPORATION

DISTRELEC

MOUSER ELECTRONICS

RUTRONIK 24 next generation e-commerce

Symmetry ELECTRONICS