# BlueNRG-LP, BlueNRG-LPS Bluetooth® LE Profiles SW package

## Features

- Bluetooth Low Energy profiles library SW package supporting the BlueNRG-LP, BlueNRG-LPS Bluetooth Low Energy (LE) system-on-chips
- Bluetooth Low Energy profiles binary libraries for central and peripheral roles
- Bluetooth Low Energy profiles APIs and event callback interfaces
- Bluetooth Low Energy stack binary library
- Bluetooth Low Energy profiles test applications
- Bluetooth LE middlewares
- BlueNRG-LP, BlueNRG-LPS CMSIS files
- BlueNRG-LP, BlueNRG-LPS peripheral drivers
- BlueNRG-LP, BlueNRG-LPS SDK and HAL drivers
- BlueNRG-LP, BlueNRG-LPS kit platforms support

## Description

The STSW-LP-PROFILES SW package provides the Bluetooth Low Energy standard profiles in binary format and supports the BlueNRG-LP, BlueNRG-LPS Bluetooth Low Energy (LE) system-on-chips.

The SW package also provides a set of profiles test applications allowing basic Bluetooth Low Energy (LE) profiles working scenarios to be demonstrated and the compliance with the Bluetooth LE profiles specifications to be tested.

Each profile test application comes with a complete set of headers, source files and project files.

The SW package supports the BlueNRG-LP, BlueNRG-LPS kit platforms available on the relative web pages.

| Product summary | |
|---|---|
| BlueNRG-LP, BlueNRG-LPS Bluetooth LE Profiles SW package | STSW-LP-PROFILES |
| Bluetooth® Low Energy/ wireless system-on-chips | BlueNRG-LP |
| | BlueNRG-LPS |
| Evaluation platform based on the BlueNRG-LP | STEVAL-IDB011V1, STEVAL-IDB011V2 |
| Evaluation platform based on the BlueNRG-LPS | STEVAL-IDB012V1 |
| Applications | Wireless connectivity |

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# Revision history

**Table 1. Document revision history**

| Date | Version | Changes |
|---|---|---|
| 27-Jul-2020 | 1 | Initial release. |
| 14-Jun-2022 | 2 | Added reference to the BlueNRG-LPS and related kit |

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