

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

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

IMPORTANT NOTICE – READ CAREFULLY

STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgment.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. For additional information about ST trademarks, refer to www.st.com/trademarks. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2022 STMicroelectronics – All rights reserved