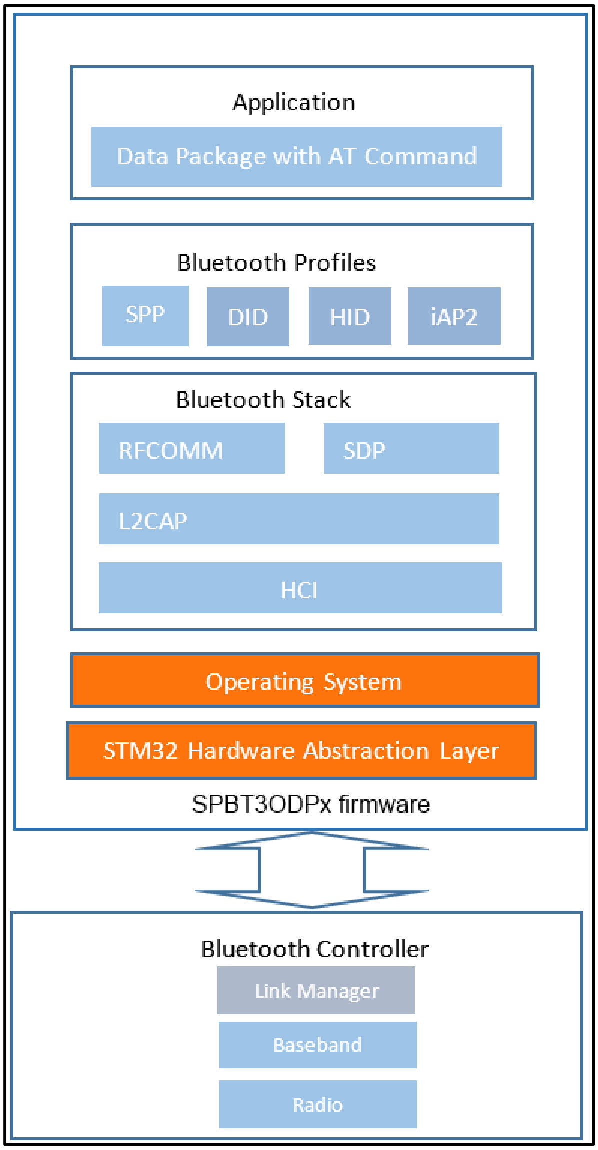
STSW-BT3.0DP2

STBT3.0DP2 Bluetooth® v3.0 firmware package release

Data brief



Features

- SPP profile for serial cable replacement client and server
- iAP2 profile allowing communication with Apple®iOS Bluetooth-enabled devices
- HID profile for keyboard and mouse devices
- Deep sleep mode with wake up from host CPU or from Bluetooth radio
- Command and bypass modes during active connection. Switch between modes via AT commands over UART or via GPIOs
- Auto-reconnect, auto-sniff
- Remote control mode
- Configurable bonding security level
- User configuration stored in nonvolatile memory

Description

The package contains a SIG certified Bluetooth® 3.0 stack controlled via AT commands over SPBT3.0DP2 UART interface.

SPBT3.0DP2 modules come pre-programmed with a production-ready firmware image, the version of which may change at any time without notice. The software version of the preloaded stack image can be retrieved through a specific API command (see corresponding user manual).

Any firmware upgrades will be made available free-of-charge to end users through www.st.com.

1 Revision history

Table 1: Document revision history

Date	Version	Changes
01-Mar-2017	1	Initial release.

IMPORTANT NOTICE – PLEASE READ CAREFULLY