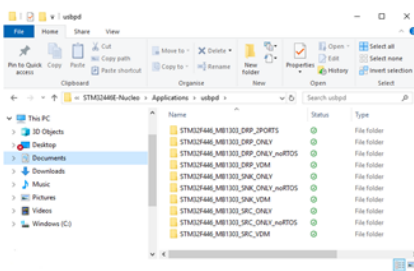


The STUSB1602 software library for the STM32F446



Features

- Application examples including full software frameworks and associated vendor info file (.VIF):
 - Source, sink and dual role port
 - Source, sink and dual role port with support of vendor define message and other PD3.0 optional messages
 - 2x dual role ports

Description

The **STSW-STUSB012** is an STUSB1602 software library to be used in association with the MB1303 nucleo shield (available from the P-NUCLEO-USB002 evaluation board) and NUCLEO-F446ZE boards.

The library includes ready-to-use software frameworks for fast prototyping of most common applications scenario such as: single port basic source, sink or DRP but also more complex use cases with 2 dual role ports or including optional features of PD3.0 like: status, alert or extended messages, cable messages, billboard classes etc.

Projects are available with or without the RTOS.

Product status link

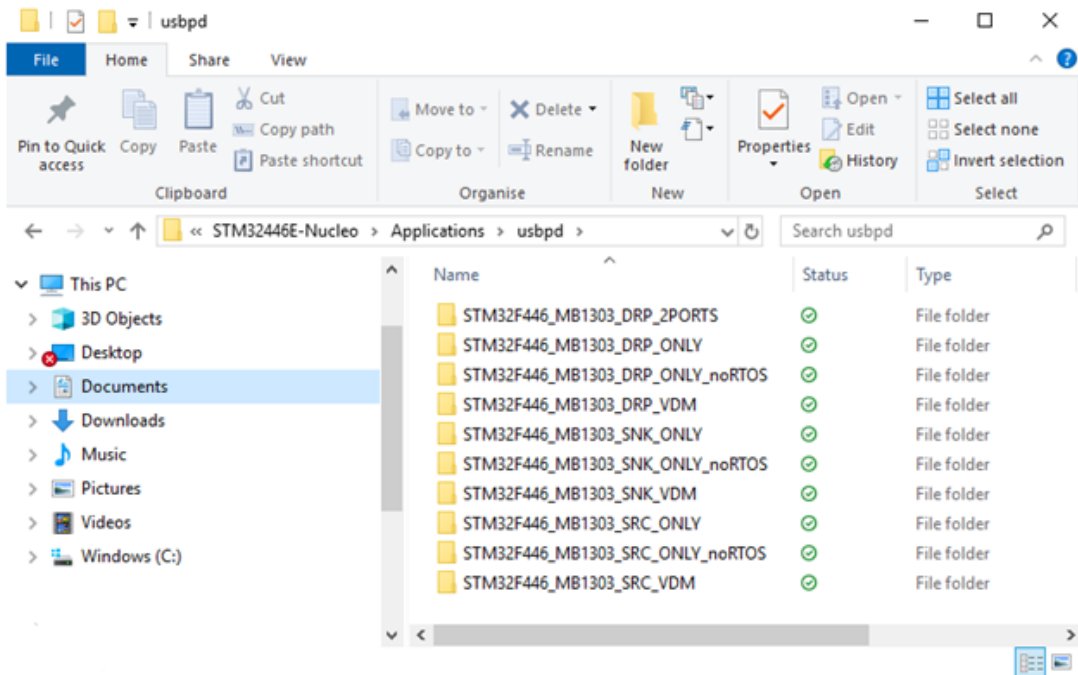
[STSW-STUSB012](#)

Related products

STUSB1602	STUSB1602
STM32F446	STM32F446
NUCLEO-F446ZE	NUCLEO-F446ZE
P-NUCLEO-USB002	P-NUCLEO-USB002

1 Project frameworks

Figure 1. Project framework



Revision history

Table 1. Document revision history

Date	Version	Changes
09-Oct-2020	1	Initial release.

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