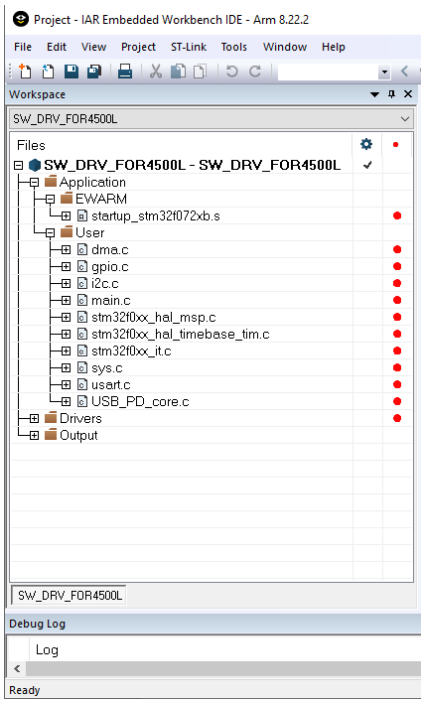
STSW-STUSB007

Data brief

Managing USB-C port status with the STUSB4500L and the STM32F072RB



Maturity status link
STSW-STUSB007

Related products	
STUSB4500L	Standalone USB-C controller (SINK)
EVAL-SCS002V1	STUSB4500L evaluation board and reference design

Features

- Open source code
- Environment set-up
  - NUCLEO-F072RB: STM32 Nucleo-64 development board with the STM32F072RB MCU
  - IAR 8.x: C code compiler

Description

The STSW-STUSB007 is a software library allowing the USB-C port status to be read from the STUSB4500L. It allows the system to collect some information, such as the port orientation or the available current. Open source software is available to speed-up the process or migrate to different environments. The library includes: STUSB4500L hardware abstractions layers, drivers and code example.

Revision history

Table 1. **Document revision history**

Date	Revision	Changes
26-Nov-2019	1	Initial release.
10-Dec-2019	2	Minor text changes on the cover page.

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