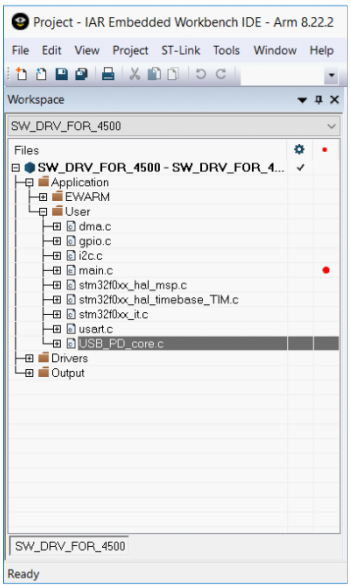
STSW-STUSB003

Data brief

Managing dynamic input power with the STUSB4500 and the STM32F072RB



Features

- Open source code:
  - Alarm management
  - Send HW and SW reset
  - Access to SINK and SOURCE PDOs
  - Change of SINK PDO
  - Alignment of SINK PDOs to SOURCE PDOs
- Compiled demo
- Environment set-up:
  - NUCLEO-F072RB: STM32 Nucleo-64 development board with AMR Cortex M0
  - STEVAL-ISC005V1: STUSB4500 evaluation board
  - IAR 8.x: C code compiler

Description

The STSW-STUSB003 is a software library enabling dynamic input power management. Open source software is available to speed-up end-application software developments. The code is available as an example only. The library includes: the STUSB4500 hardware abstraction layers, drivers, Code example, demo and the user manual.

Product status link
STSW-STUSB003

Related products	
STUSB4500	Standalone USB PD controller
STEVAL-ISC005V1	STUSB4500 evaluation board

Revision history

Table 1. **Document revision history**

Date	Version	Changes
27-Sep-2018	1	Initial release.

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