

SPC5-UDESTK JTAG debugger for SPC5 MCUs

Data brief - production data



Features

- SPC5-UDESTK USB/JTAG adapter working with PLS UDE (Universal Debug Engine) software starter kit version.
- Supports SPC56 and SPC57 automotive product families.
- Supports multicore, eTPU and GTM debugging
- Provides FLASH programming of on-chip FLASH featuring Erase / Program / Verify
- Status LED's indicate the target's IO voltage, connection state and running state.
- Support service provided through STMicroelectronics

Description

The SPC5-UDESTK is a USB/JTAG interface to enable the debugging and programming at budget price of SPC56 and SPC57 MCUs.

SPC5-UDESTK is fully compliant with IEEE1149.1 JTAG protocol. SPC5-UDESTK supports you while building applications and you can run and test your software in a convenient and cost-efficient way. It offers a collection of tools including source file management, project building and powerful HLL debugger with high-speed communication paths to the customer's hardware target system with target monitor.

There are two kit bundle versions available including the SPC5-UDESTK JTAG/USB adapter and the debugger SW.

SPC-UDESTK-EVAL includes a full-featured, perpetual, code-limited (128 Kbytes) PLS software license.

SPC-UDESTK-FULL includes a full-featured, code unlimited, PLS software debugger 1 year license.

SPC-UDESTK can be ordered directly from ST or ST franchised distributors.

To download the debugger software and to activate license go to SPC5-UDESTK-SW ST WEB page.

Users of SPC-UDESTK-FULL version, after 1st year, are eligible to purchase a 2-year renewal license.

The SPC5-UDESTK debugger is accessible via ST's free integrated development environment, SPC5Studio, which can be downloaded from ST WEB (free download).

An E2E Community is available on ST WEB.

Table 1. Device summary

Order code	Reference
SPC5-UDESTK-EVAL	Include SPC5-UDESTK & time unlimited software licence up to 128 Kbyte code.
SPC5-UDESTK-FULL	Include SPC5-UDESTK & 1-year license with full memory access.

1 Revision history

Table 2. Document revision history

Date	Revision	Changes
22-May-2013	1	Initial release.
10-Jun-2013	2	Updated <i>Features list</i> <i>Section 1.1: "SPC5-UDESTK starter kit details":</i> - Removed GTM debugging
02-Sep-2013	3	Updated all document.
17-Sep-2013	4	Updated Disclaimer.
01-Oct-2013	5	Updated Description.

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