

SPC5-UDESTK JTAG debugger for SPC5 MCUs

Data brief - production data



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

SPC5-UDESTK-EVAL includes a full-featured, perpetual, code-limited (128 Kbytes) PLS software license.

SPC5-UDESTK-FULL includes a full-featured, code unlimited, PLS software debugger 1 year license.

SPC5-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 SPC5-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.

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.

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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