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R20TS0325EJ0101

Rev.1.01

Jul. 16, 2018

Smart Configurator for RH850 V1.1.0,

CS+ Smart Configurator Communication Plug-in for RH850 V1.02.00

Outline

The products in the title will be revised and their version numbers will be changed as follows.

- (1) Smart Configurator for RH850: From V1.0.0 to V1.1.0
- (2) CS+ Smart Configurator Communication Plug-in for RH850: From V1.01.00 to V1.02.00

1. Products and Versions to Be Updated

- Smart Configurator for RH850 V1.0.0
- CS+ Smart Configurator Communication Plug-in for RH850 V1.01.00

2. Items Revised

The major revision points are explained in section 2.1. Refer to the following Release Note for details.

- Smart Configurator for RH850 V1.1.0 Release Note
This document will be released on July 20.

<https://www.renesas.com/search/keyword-search.html#genre=document&q=r20ut4369>

2.1 Items to Be Newly Supported

The functions described below have been newly added.

- (1) Addition of supported compilers

The driver code output function applicable to Green Hills Software (GHS) compilers and IAR compilers has been added. This allows Smart Configurator to be used by users of GHS MULTI and IAR Embedded Workbench, in addition to CS+ users.

- If you are using an IAR compiler, select IAR by using the build tool of RH850 Smart Configurator to output a C source file and an IAR Project connection File (.ipcf). When you start IAR Embedded Workbench and use the project connection function, that C source file is automatically added to the project.
- If you are using GHS MULTI, select GHS by using the build tool of RH850 Smart Configurator to output a C source file and a project file (.gpj). When you start Multi and open the project created by RH850 Smart Configurator, you can use the C source file.

For inquiries about the MULTI integrated development environment and compiler products from Green Hills Software.

Green Hills Software website: <https://www.ghs.com/>

For inquiries about IAR Embedded Workbench and compiler products from IAR, contact IAR Systems.

IAR Systems website: <http://www.iar.com>

(2) Addition of supported peripheral functions

Peripheral functions for which driver codes can be output by Smart Configurator have been added.

- DMA Controller
- Key Return (KR)
- Cyclic RUN mode and Cyclic STOP mode of Stand-By Controller (STBC)
- Real-Time Clock (RTCA)
- I²C Bus Interface (RIIC)
- Addition of TAU function

3. Obtaining the Program

Download RH850 Smart Configurator (installer) from the URL below to install the program. If you are using CS+, you also need to download and install CS+ plug-in because RH850 Smart Configurator is used in linkage with CS+. The installer is scheduled for posting on July 20.

<https://www.renesas.com/smart-configurator#downloads>

Smart Configurator for RH850 V1.1.0, CS+ Smart Configurator Communication Plug-in for RH850 V1.02.00^(Note)

Note: This must be installed only when you use CS+.

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Jul. 16, 2018	-	First edition issued
1.01	Aug. 01, 2018	1, 3	The version of CS+ Smart Configurator Communication Plug-in for RH850 is corrected.

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■Inquiry

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