

[Notes]

R20TS0405EJ0100

Rev.1.00

Mar. 01, 2019

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## CS+ Integrated Development Environment

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### Outline

When using the CS+ integrated development environment, note the following point.

1. A load module downloaded by a Python function cannot be debugged normally

## 1. A Load Module Downloaded by a Python Function Cannot Be Debugged Normally

### 1.1 Applicable Products

- CS+ for CC Integrated Development Environment V3.01.00 and later versions
- [Evaluation edition] CS+ for CC Integrated Development Environment V3.01.00 and later versions

### 1.2 Applicable MCUs

RH850 family MCUs that support CS+ for CC

### 1.3 Details

If a load module that has been built by a compiler from Green Hills Software, LLC<sup>(Note)</sup> is downloaded by using the function of the Python Console, it cannot be debugged normally due to malfunctions such as runaway during stepped execution.

Note: For details about the product from our partner, refer to the URL below.

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

### 1.4 Conditions

The phenomenon described in “1.3 Details” occurs when all of the following conditions (1) to (3) are met.

- (1) A file is downloaded by using the Python function "debugger.Download.LoadModule".
- (2) The load module that has been built by a compiler from Green Hills Software, LLC is specified in argument fileName of the Python function in (1).
- (3) Argument vendorType of the Python function in (1) satisfies either of the following conditions:
  - (3-1) vendorType is not specified.
  - (3-2) VendorType.Auto is specified.

### 1.5 Workaround

This problem can be avoided by specifying VendorType.Ghs in argument vendorType of the Python function in condition (3).

### 1.6 Schedule for Fixing the Problem

This problem will be fixed in the next version.

**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	Mar. 01, 2019	-	First edition issued

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■Inquiry

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