

## Outline

When using the CS+ IDE, take note of the problem described in this note regarding the following point.

1. The property setting of the V850 compiler (CA850) for the address where the programmable I/O area starts

## 1. The Property Setting of the V850 Compiler (CA850) for the Address Where the Programmable I/O Area Starts

### 1.1 Applicable Products

- CubeSuite V1.20 to V1.40
- CubeSuite+ V1.00.00 to CS+ for CA, CX V3.03.00

### 1.2 Applicable MCU

V850 family

### 1.3 Details

The address where the programmable I/O area of the target device starts is not specifiable with the below property of the CA850 build tool. A dialog box with the message "Property value is not valid." is displayed if specification in this way is attempted.

Property: [Common Options] tabbed page -> [Device] category -> [Programmable I/O area start address]

Note that this property setting is not displayed for devices which do not have a programmable I/O function.

### 1.4 Workarounds

Specify the CA850 option directly in the property settings below.

- (a) In the case of access to programmable I/O from a C source file  
Property: [Compile Options] tabbed page -> [Others] category -> [Other additional options]  
Compiler option: Specify "-Xbpc=num".

- (b) In the case of access to programmable I/O from an assembler file  
Property: [Assemble Options] tabbed page -> [Others] category -> [Other additional options]  
Assembler option: Specify "-bpc=num".

For details of the format for the specification\* of these options, refer to the following user's manual.

<https://www.renesas.com/search/keyword-search.html#genre=document&q=r20ut0557>  
CubeSuite+ V1.00.00 Integrated Development Environment User's Manual: V850 Build  
Appendix B: Command Reference

\*: The formats for the specification of the options are the same in CubeSuite, CubeSuite+, and CS+.

### 1.5 Schedule for Fixing the Problem

This problem will be fixed in the next version.

**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	Nov. 01, 2016	-	First edition issued

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