

[Upgrade to revision]

R20TS0009EJ0100

Rev.1.00

Apr. 16, 2016

CS+ Code Generator for RL78 (CS+ for CC)

CS+ Code Generator for RL78 (CS+ for CA,CX)

e2 studio (Code Generator Plug-in)

AP4 coding assistance tool for RL78

Applilet3 coding assistance tool for RL78

Outline

We are revising the CS+ Code Generator for RL78 (CS+ for CC), CS+ Code Generator for RL78 (CS+ for CA,CX), e² studio (Code Generator Plug-in), AP4 coding assistance tool for RL78, and Applilet3 coding assistance tool for RL78, and will adjust the respective version numbers from V2.10.00 to V2.11.00, V2.10.00 to V2.11.00, V2.1.1 to V2.3.0, V1.09.00 to V1.10.00, and V1.09.00 to V1.10.00.

1. Products and Versions to Be Updated

- All revisions up to V2.10.00 of the CS+ Code Generator for RL78 (CS+ for CC)
- All revisions up to V2.10.00 of the CS+ Code Generator for RL78 (CS+ for CA,CX)
- All revisions up to V4.3.0.008 of the e² studio (V2.1.1 of the Code Generator Plug-in)
- All revisions up to V1.09.00 of the AP4 coding assistance tool for RL78
- All revisions up to V1.09.00 of the Applilet3 coding assistance tool for RL78

2. Description of Revision

Descriptions of the revisions are found by clicking on the links below, which produce the corresponding release notes with the details:

- CS+ Code Generator for RL78 (CS+ for CC)
CS+ Code Generator for RL78 (CS+ for CC) V2.11.00 Release Note (this document will be released on April 20.)
<http://www.renesas.com/search/keyword-search.html?q=R20UT3736EJ&genre=document>
- CS+ Code Generator for RL78 (CS+ for CA,CX)
CS+ Code Generator for RL78 (CS+ for CA,CX) V2.11.00 Release Note (this document will be released on April 20.)
<http://www.renesas.com/search/keyword-search.html?q=R20UT3735EJ&genre=document>
- e² studio (Code Generator Plug-in)
e² studio V5.0.0.043 Release Note (this document will be released on April 20.)
<http://www.renesas.com/search/keyword-search.html?q=R20UT3770EE&genre=document>
- AP4 coding assistance tool for RL78
AP4 for RL78 V1.10.00 Release Note (this document will be released on April 20.)
<http://www.renesas.com/search/keyword-search.html?q=R20UT3731EJ&genre=document>

- Applilet3 coding assistance tool for RL78 V1.10.00 Release Note (this document will be released on April 20.)
<http://www.renesas.com/search/keyword-search.html#q=R20UT3730EJ &genre=document>

2.1 Addition of Supported MCUs

Support for the group below has been newly added.

- RL78 family: RL78/G1H group

2.2 Problem Fixed

The problems regarding the points below have been fixed.

- (1) RENESAS TOOL NEWS document number 130701/tn1

When edited source codes disappear

Applicable MCUs: All products of the RL78 family

For details of the problem, refer to the URL below.

http://www.renesas.com/doc/toolnews/eng/2013/130701tn1_e.pdf

- (2) RENESAS TOOL NEWS document number 150716/tn2

1. Clock Generation Circuit (PLL Circuit Operation)

Applicable MCUs: RL78/D1A, RL78/F13, RL78/F14, RL78/G1C, and RL78/L1C groups

2. Setting P40 of Port 4

Applicable MCUs: RL78/D1A, RL78/F12, RL78/F13, RL78/F14, RL78/G10, RL78/G12, RL78/G13, RL78/G14, RL78/G1A, RL78/G1C, RL78/G1E, RL78/G1F, RL78/G1G, RL78/I1A, RL78/I1B, RL78/I1D, RL78/L1C, RL78/L12, and RL78/L13 groups

3. Code Generated for UART0 and UARTF

Applicable MCUs: RL78/F12 group

For details of the problem, refer to the URL below.

http://www.renesas.com/doc/toolnews/eng/2015/150716tn2_e.pdf

- (3) RENESAS TOOL NEWS document number 151116/tn2

1. Indication of Channels of Serial Interface IICA

Applicable MCUs: RL78/G14 group R5F104MK, R5F104PK, R5F104ML, and R5F104PL

2. Procedure for Setting the PLL Clock

Applicable MCUs: RL78/F13, RL78/F14, and RL78/F15 groups

For details of the problem, refer to the URL below.

http://www.renesas.com/doc/toolnews/eng/2015/151116tn2_e.pdf

- (4) RENESAS TOOL NEWS document number 160116/tn5

Transfer of data with a length of 10 or more bits through an element of a serial array unit configured as a CSI or data with a length of 16 bits through an element configured as a UART

Applicable MCUs: RL78/F12, RL78/F13, RL78/F14, RL78/F15, and RL78/D1A groups

For details of the problem, refer to the URL below.

http://www.renesas.com/doc/toolnews/eng/2016/160116tn5_e.pdf

(5) RENESAS TOOL NEWS document number 160216/tn5

1. Using the error interrupt of serial array unit 4 as UART4 or DALI4

Applicable MCUs: RL78/I1A group

2. Using serial array unit 4 as DALI4

Applicable MCUs: RL78/I1A group

For details of the problem, refer to the URL below.

http://www.renesas.com/doc/toolnews/eng/2016/160216tn5_e.pdf

(6) RENESAS TOOL NEWS document number 160316/tn1

Pin settings for the IICA serial interface when setting the PIOR to change the assignment of pin functions

Applicable MCUs: RL78/G12 group (20- and 24-pin products)

For details of the problem, refer to the URL below.

http://www.renesas.com/doc/toolnews/eng/2016/160316tn1_e.pdf

2.3 Updating the User's Manuals

With the update to the tools, the following user's manuals have been updated.

- CS+ Code Generator Tool User's Manual: RL78 API Reference (this document will be released on April 20.)

<http://www.renesas.com/search/keyword-search.html#q=R20UT3102EJ&genre=document>

- e² studio Code Generator Tool User's Manual: RL78 API Reference (this document will be released on April 20.)

<http://www.renesas.com/search/keyword-search.html#q=R20UT3127EJ&genre=document>

- Application Leading Tool User's Manual: RL78 API Reference (this document will be released on April 20.)

<http://www.renesas.com/search/keyword-search.html#q=R20UT3125EJ&genre=document>

3. Updating Your Product

The method of updating depends on the product you have.

Refer to the following Web page for the details. All of them are updated free of charge.

3.1 Updating the CS+ Code Generator for RL78

Refer to section 3, Updating Your Product, document number R20TS0005EJ0100 for the method of updating CS+. The above information will be available from April 20.

http://www.renesas.com/doc/toolnews/eng/2016/r20ts0005ej0100_cstnuv.pdf

3.2 Updating the e² studio Code Generator Plug-in

Refer to section 2, Updating Your Product, document number R20TS0019EJ0100 for the method of updating e² studio. The above information will be available from April 20.

http://www.renesas.com/doc/toolnews/eng/2016/r20ts0019ej0100_e2studio.pdf

You cannot update the Code Generator Plug-in alone.

3.3 Updating the AP4 and Applilet3 Coding Assistance Tools for RL78

Download the installer from the URL below to install the program. (The installer is scheduled for posting on April 20.)

http://www.renesas.com/applilet_download

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Apr.16, 2016	-	First edition issued

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