[Upgrade to Revision]

Solution Toolkit QE for AFE V2.4.0: Development Assistance Tool for Analog Front End

Outline

QE for AFE, a development assistance tool for analog front end, has been updated from V2.3.0 to V2.4.0.

1. Products to Be Updated

V2.3.0 of QE for AFE, a development assistance tool for analog front end

2. Description

The main changes are as follows. For details of the update and how to install the product, refer to the release note at the link below.

- QE for AFE V2.4.0 Release Note

  https://www.renesas.com/document/rln/qe-afe-v240-release-note

2.1 Improved Functionality

- Enhanced Writing Function for AFE Adjustment Program

  In the "Write AFE Adjustment Program to Board" dialog box, you can select an adjustment program from the displayed list of adjustment programs. Information about the selected AFE adjustment program will be displayed in the list. You can verify the "Operation Confimation Environment" and "How to Write FW" to write the AFE adjustment program to the evaluation board.
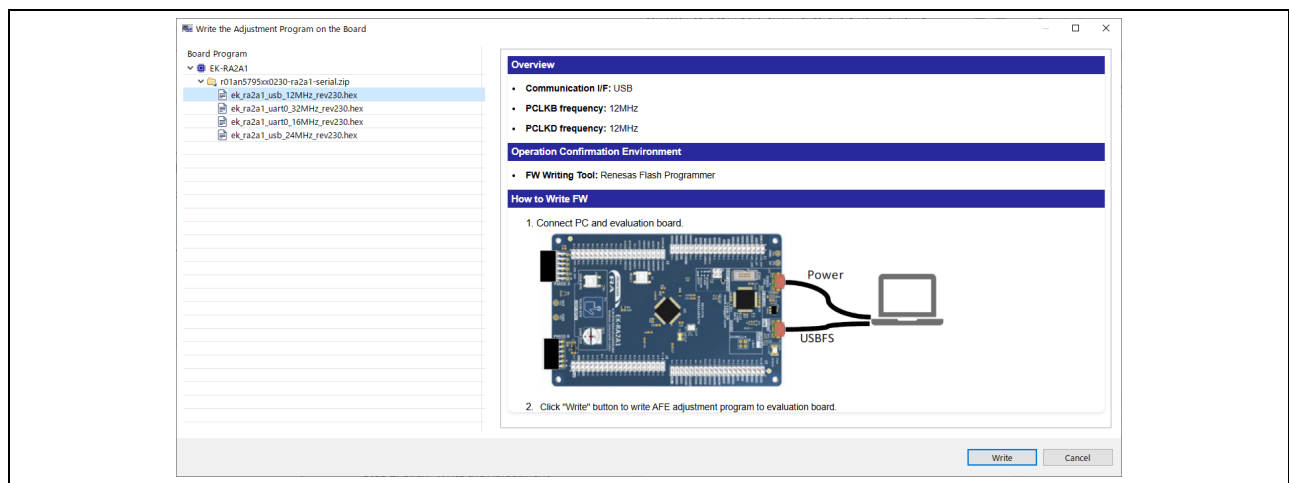

Figure 1 [Write the Adjustment Program on the Board] dialog box

● Improved waveform diagram during monitoring

Supports displaying vertical axis values for two channels on waveform charts, improving data readability.

Figure 2 Waveform display screen in the "AFE Monitor (QE)" view: Waveform with vertical axis values

2.2 Issues Fixed

The notes in the following tool news have been fixed.

● RENESAS TOOL NEWS: R20TS1158EJ0100

[Notes] e² studio 2025-07 not compatible with Reality AI Utilities, AI Navigator, QE for Capacitive Touch, QE for AFE and other QE products

3. Obtaining the Product

Download the installer for QE for AFE V2.4.0 from the link below.

https://www.renesas.com/software-tool/qe-for-afe#downloads

Revision History

Rev.	Date	Description	
		Page	**Summary**
1.00	Sep.05.25	-	First edition issued

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