[Released on the Web]

RZ Family

RZ/A2M Software Package V8.40, RZ/A1 Software Package V3.20

Outline

The software development kits for the following RZ/A2M, RZ/A1LU, and RZ/A1H groups have been updated and released on the website.

- ➢ RZ/A2M Software Package V8.40
- ➢ RZ/A2M Software Package for GR-MANGO V2.20
- ➢ RZ/A1LU Software Package V3.20
- ➢ RZ/A1H Software Package V1.20
- ➢ RZ/A1H Software Package for GR-PEACH V1.20

The products are available free of charge.

1. Product Features

(1) What is the RZ/A2M Software Package?

The RZ/A2M Software Package is a software development kit for the RZ/A2M group that provides consistent support for camera input, display output, and image adjustments.
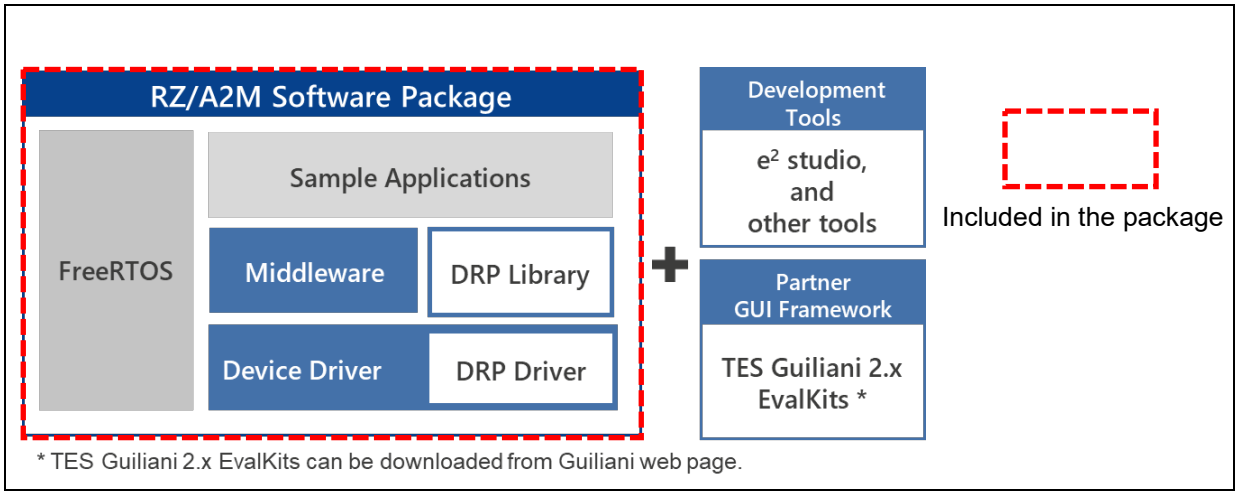

Figure 1   Components of the RZ/A2M Software Package

*By combining RZ/A2M Software Package V8.30 or the RZ/A2M Software Package for GR-MANGO with Guiliani EvalKits, a GUI framework kit by TES Electronic Solutions, you can easily develop GUIs for HMI applications, leveraging the RZ/A2M group features.

TES Guiliani 2.4 EvalKits is available at the URL below.

https://www.guiliani.de/mediawiki/index.php?title=Downloads:EvalKits

(2) What is the RZ/A1 Software Package?

The RZ/A1LU Software Package, RZ/A1H Software Package, and RZ/A1H Software Package for GR-PEACH are software development kits for the RZ/A1LU and RZ/A1H groups that provide consistent support for camera input, LCD output, and image adjustments.
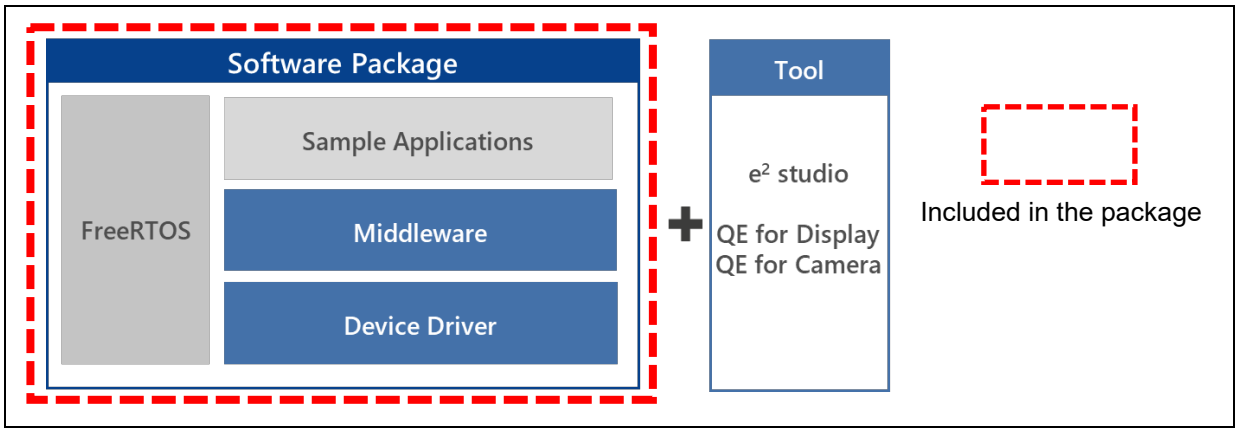

Figure 2   Components of the RZ/A1H Software Package

(3)   Change

The build option for the GNU Arm Embedded Toolchain has been improved so that a standard library is created for each project.

2.   Supported Devices

RZ/A2M group

RZ/A1LU group

RZ/A1H group

3.   Operating Environment

・Integrated development environment

e^2 studio 2022-07

https://www.renesas.com/e2studio

IAR Embedded Workbench for Arm 6.40.1

https://www.iar.com/products/architectures/arm/iar-embedded-workbench-for-arm/

・Compiler

GNU Arm Embedded Toolchain (9-2020)

https://developer.arm.com/tools-and-software/open-source-software/developer-tools/gnu-toolchain/gnu-rm/downloads

Compiler included in IAR Embedded Workbench for Arm 6.40.1

https://www.iar.com/products/architectures/arm/iar-embedded-workbench-for-arm/

・Supported boards

RZ/A2M Evaluation Board Kit

https://www.renesas.com/rza2m-evaluation-board-kit

GR-MANGO

https://www.renesas.com/products/gadget-renesas/boards/gr-mango.html

Stream It!

https://www.renesas.com/products/microcontrollers-microprocessors/rz-cortex-a-mpus/rz-ystream-it-stream-it-rz-mpu-evaluation-board

Renesas Starter Kit+ for RZ/A1H

https://www.renesas.com/products/microcontrollers-microprocessors/rz-cortex-a-mpus/rza1h-starter-kit-plus-renesas-starter-kit-rza1h

GR-PEACH

https://www.renesas.com/products/gadget-renesas/boards/gr-peach.html

4.   Obtaining the Products

The products are available at the following URLs.

RZ/A2M FreeRTOS™ Software Package

https://www.renesas.com/software-tool/rza2m-freertos-software-package

RZ/A2M FreeRTOS™ Software Package IAR C/C++ Compiler™ version

https://www.renesas.com/software-tool/rza2m-freertos-software-package-iar-cc-compiler-version

RZ/A2M FreeRTOS™ Software Package Arm® Compiler version

https://www.renesas.com/software-tool/rza2m-freertos-software-package-arm-compiler-version

RZ/A1LU FreeRTOS™ Software Package

https://www.renesas.com/software-tool/rza1lu-freertos-software-package

RZ/A1H FreeRTOS™ Software Package

https://www.renesas.com/software-tool/rza1h-freertos-software-package

5.   Using the Products

Download a desired product from the URL in section 4, unzip the file, import it to your integrated development environment, and then build it to use.

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Sep.01.22	-	First edition issued

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Contact Information

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