

[Released on the Web]

R20TS0804EJ0100

Rev.1.00

RZ Family RZ/A2M Software Package V8.30

Feb. 01, 2022

Outline

The software development kits for the following RZ/A2M group have been updated and released on the website.

- RZ/A2M Software Package V8.30
- RZ/A2M Software Package for GR-MANGO V2.10
- RZ/A2M Software Package (IAR Embedded Workbench for Arm) V5.20
- RZ/A2M Software Package (Arm Development Studio) V4.20

The products are available free of charge.

1. Product Features

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

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

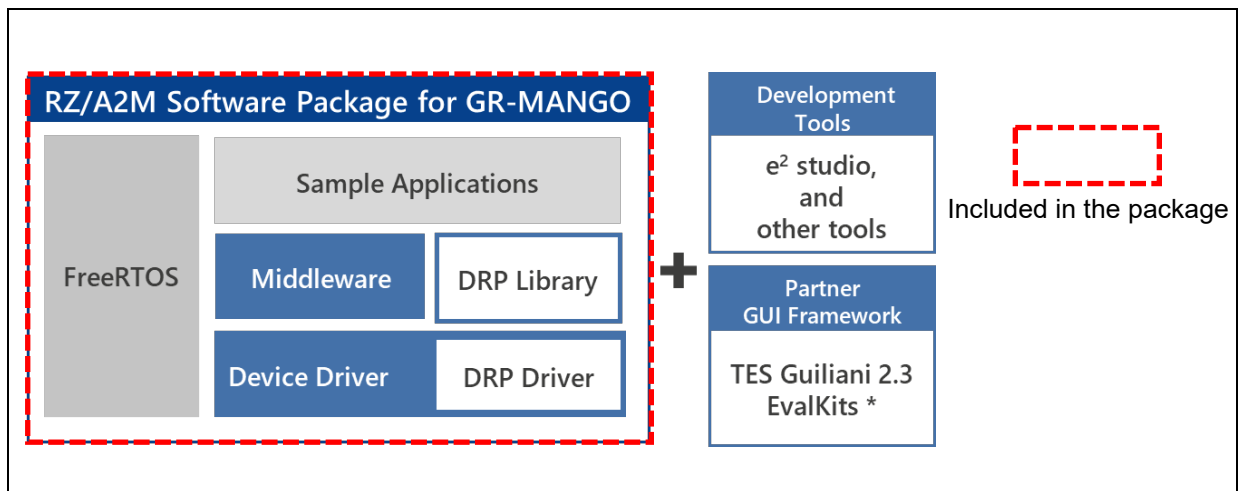


Figure 1 Components of the RZ/A2M Software Package for GR-MANGO

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

TES Guiliani 2.4 EvalKits is available on the link below.

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

(2) Changes

Table 1 Changes

Change	RZ/A2M Software Package	RZ/A2M Software Package for GR-MANGO	RZ/A2M Software Package (IAR Embedded Workbench for Arm)	RZ/A2M Software Package (Arm Development Studio)
FreeRTOS V10.4.3-LTS-patch-1 support	✓	✓	✓	✓
e ² studio 2022-01 support	✓	✓	-	-
GNU Arm Embedded Toolchain (9-2020) support	✓	✓	-	-

2. Supported Devices

RZ/A2M group

3. Operating Environment

- Integrated development environment

e² studio 2022-01

<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/>

Arm Development Studio 2020.0

<https://developer.arm.com/tools-and-software/embedded/arm-development-studio>

- Compiler

GNU Arm Embedded Toolchain (9-2020)

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

The compiler included in IAR Embedded Workbench for Arm 6.40.1

The compiler included in Arm Development Studio 2020.0

- Supported board

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>

4. Obtaining the Products

The products are available on the links below.

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>

5. Using the Products

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

Revision History

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

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