

New IO Files Increased and Existing IO Files Updated for R8C Family (Used together with E8a, E1, E20, and E100 Emulators)

We have added new IO files for the R8C family of MCUs to the existing ones. In addition, the existing IO files have been updated. They are used together with the E8a, E1, E20, and E100 emulators.

1. Description

We have added the following IO files for the R8C family to the existing ones, which are used together with the E8a, E1, E20, and E100 emulators:

IO File	MCU Group	Emulators
R8C33G.io	R8C/33G	E8a, E1, E20, and E100
R8C33H.io	R8C/33H	E8a, E1, E20, and E100
R8C34P.io	R8C/34P	E8a, E1, E20, and E100
R8C34R.io	R8C/34R	E8a, E1, E20, and E100
R8C36TA.io	R8C/36T-A	E1 and E20
R8C38TA.io	R8C/38T-A	E1 and E20
R8C54E.io	R8C/54E	E1, E20, and E100
R8C54F.io	R8C/54F	E1, E20, and E100
R8C54G.io	R8C/54G	E1, E20, and E100
R8C54H.io	R8C/54H	E1, E20, and E100
R8C56E.io	R8C/56E	E1, E20, and E100
R8C56F.io	R8C/56F	E1, E20, and E100
R8C56G.io	R8C/56G	E1, E20, and E100
R8C56H.io	R8C/56H	E1, E20, and E100
R8CLA3A.io	R8C/LA3A	E8a, E1, and E20
R8CLA5A.io	R8C/LA5A	E8a, E1, and E20
R8CLAPS.io	R8C/LAPS	E8a, E1, and E20

The above MCU groups have already been supported by the corresponding emulators except that the SFR information of those MCU groups has not

been displayed in the I/O window of the integrated development environment High-performance Embedded Workshop.

By using the newly introduced IO files, the SFR information of the above MCU groups can be displayed in the I/O window of the IDE.

To obtain the above IO files, see Section 3.

NOTICE:

Before installing IO files, be sure to install the debugger program on your emulator (E8a, E1, E20, or E100).

2. Existing IO Files Updated

The following existing IO files for the R8C family have been updated.

IO File	MCU Group	Emulator
R8CM13B.io	R8C/M13B	E8a
R8C26.io	R8C/26	E8a
R8C28.io	R8C/28	E8a

3. Obtaining IO Files

We supply the IO files listed in the table of Section 1 free of charge.

To obtain them, follow these steps:

- (1) Download the IOfiles_for_R8C3x_R8C5x.zip file (301 KB) from [HERE](#).
- (2) Decompress the downloaded zip file to extract the IO files.
- (3) Store the extracted IO files in the IOFiles folder. The IOFiles folder resides under the folder where HEW2.exe has been installed.

The relative path to the IOFiles folder is as follows:

When E8a used:

¥Tools¥Renesas¥DebugComp¥platform¥E8a¥E8aR8C¥IOFiles

When E1/E20 used:

¥Tools¥Renesas¥DebugComp¥platform¥E1E20¥E20R8C¥IOFiles

When E100 used:

¥Tools¥Renesas¥DebugComp¥platform¥E100¥M16C¥IOFiles

NOTICE:

By default, HEW2.exe has been installed in the following folder:

C:¥Program Files¥Renesas¥Hew

- (4) Right-click an unoccupied area of the IO window.
- (5) Select "Load IO File" in the pop-up menu that appears.
- (6) Click the Browse button in the Set I/O File dialog box.

(7) Select the IO file that you want to use in the list of IO files.

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