

# ■Renesas Flash Driver and EEPROM Emulation Software Target MCU List for RL78 - Automotive

2023/01  
R20UT5229EJ0100

**Target Software:**   **Renesas Flash Driver RL78 Type 02 (Here after "RFD RL78 Type 02")**  
                           **EEPROM Emulation Software RL78 Type 02 (Here after "EES RL78 Type 02")**  
                           **EES RL78 Type 02 will be released after April 2023.**

- This list is a compilation of the target MCUs of the RL78 family RFD RL78 Type 02 and EES RL78 Type 02 for automotive MCUs. RFD RL78 Type 02 and EES RL78 Type 02 can be used with the target MCUs in this list. The items [R-x] ([R-1], [R-2], etc.) in the list are items used in RFD RL78 Type 02 and EES RL78 Type 02. For details, refer to the user's manual of the target software.

- RL78 non-automotive MCUs cannot use RFD RL78 Type 02 and EES RL78 Type 02. For the RL78 non-automotive MCUs, see "Renesas Flash Driver and EEPROM Emulation Software Target MCU List for RL78 - General-purpose (To be released after May 2023)" (R20UT5228).

- RL78/x1x (RL78/F1x, G1x, etc.) products cannot use RFD RL78 Type 0x and EES RL78 Type 0x. For the target flash libraries of RL78/x1x, see the self RAM List (R20UT2944).

## Target MCUs

MCU Group	Code Flash memory		User RAM		Data Flash memory		[R-1]	[R-2]	[R-3]	[R-4]	[R-5]	[R-6]	[R-7]	[R-8]	Target MCU name
	Size (bytes)	Start/End Address	Size (bytes)	Start/End Address	Size (bytes)	Start/End Address	RAM Start Address	ROM End Address 1	ROM End Address 2	Data Flash End Address	OCD_ROM	Trace_RAM	Hot plug-in	END_BLOCK	
RL78/F23	128K	0x00000 - 0x1FFFF	12K	0xFCF00 - 0xFFE00	8K	0xF1000 - 0xF2FFF	0xFCF00	0x0FFFF	0x1FFFF	0xF2FFF	0x1FE00	0xFD300	0xFD500	128	R7F123FxG (x = B, G, L, M)
RL78/F24	256K	0x00000 - 0x3FFFF	24K	0xF9F00 - 0xFFE00	16K	0xF1000 - 0xF4FFF	0xF9F00	0x0FFFF	0x3FFFF	0xF4FFF	0x3FE00	0xFA300	0xFA500	256	R7F124FxJ (x = B, G, L, M, P)

- All information contained in these materials, including products and product specifications, represents information on the product at the time of publication and is subject to change by Renesas Electronics Corporation without notice.

- Renesas Electronics has used reasonable care in preparing the information included in this document, but Renesas Electronics does not warrant that such information is error free. Renesas Electronics assumes no liability whatsoever for any damages incurred by you resulting from errors in or omissions from the information included herein.