

[Notification]

End of Life (EOL) Notice for the E20 Emulator

R20TS1088EJ0101

Rev.1.01

Dec. 05, 2025

Outline

Production of the on-chip debugging emulator/flash programmer E20 emulator (hereinafter referred to as the E20) will be discontinued due to the end of production (end of life, EOL) of components used in the product. The final date on which we will be accepting orders for this product is indicated below.

Please note that the final order reception date is approaching

For an overview of the E20, refer to the URL below.

<https://www.renesas.com/e20>

1. Applicable Product

Product name: E20 emulator

Orderable part number: R0E000200KCT00

For products supported by the E20, refer to the following pages.

When the E20 is used as a debugger: [E20 Target Devices](#)

When the E20 is used as a flash programmer: [List of MCUs supported by Renesas Flash Programmer V3](#)

2. Final Date for Accepting Product Orders

May 31, 2026

Place orders for the amount you will require by the above final date.

Note that the final date may be brought forward depending on the state of our inventory of the product.

The repair service for the E20 will continue until May 2029. However, repairs may not be possible in some cases for reasons such as an inability to obtain required parts.

3. Successor Products

3.1 14-pin Connections for Products of the RL78, RH850, or RX Family

If the external trace-output function is not to be used (14-pin connection), the successor product will be the E2 emulator (hereinafter referred to as the E2) or the E2 emulator Lite (hereinafter referred to as the E2 Lite). The RH850 Family is supported only by the E2.

Pin assignments of the E2 and E2 Lite which are used for the connection with the user system are compatible with the 14-pin connection of the E20; that is, the E2 and E2 Lite can be connected to a user system which has been designed for use with the E20.

Note, however, that optional products for the E20 cannot be used with the E2 or E2 Lite.

Details of the E2: <https://www.renesas.com/e2>

Details of the E2 Lite: https://www.renesas.com/e2_lite

The E2 and E2 Lite support the [e² studio](#) and [CS+](#) IDEs and the [Renesas Flash Programmer \(RFP\)](#). Be sure to update whichever of those products you are using to the latest versions.

However, the E2 and E2 Lite do not support the High-performance Embedded Workshop (HEW) and Flash Development Toolkit (FDT).

3.2 38-pin Connection for Products of the RX Family (Using the External Trace-output Function)

There are no successor products which support the external trace-output function.

If you need to purchase an emulator that supports the external trace-output function after the final orders for the E20 have been accepted, contact your distributor.

3.3 Using the E20 with Products of the V850, 78K, or R8C Family

If you need to purchase an E20 for use with a product of the V850, 78K, or R8C Family after the final orders for the E20 have been accepted, contact your distributor.

Revision History

| Rev. | Date | Description | |
|------|-----------|-------------|---|
| | | Page | Summary |
| 1.00 | Dec.05.24 | - | First edition issued. |
| 1.01 | Dec.05.25 | 1 | Added to the outline column that the final order date is Approaching. |
| | | 2 | Chapter 3.1, added information about the RH850 Family. |
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