

[Notes]

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Rev.1.00

Dec. 16, 2022

Renesas Starter Kit+ for RZ/T2M

USB-Serial Conversion

Outline

When using the Renesas Starter Kit+ for RZ/T2M, note the following points.

1. Performing terminal output by USB-serial conversion

1. Performing Terminal Output by USB-Serial Conversion

1.1 Applicable Products

Product name: Renesas Starter Kit+ for RZ/T2M

Part number: RTK9RZT2M0S00000BE

Serial number: 240493~240592

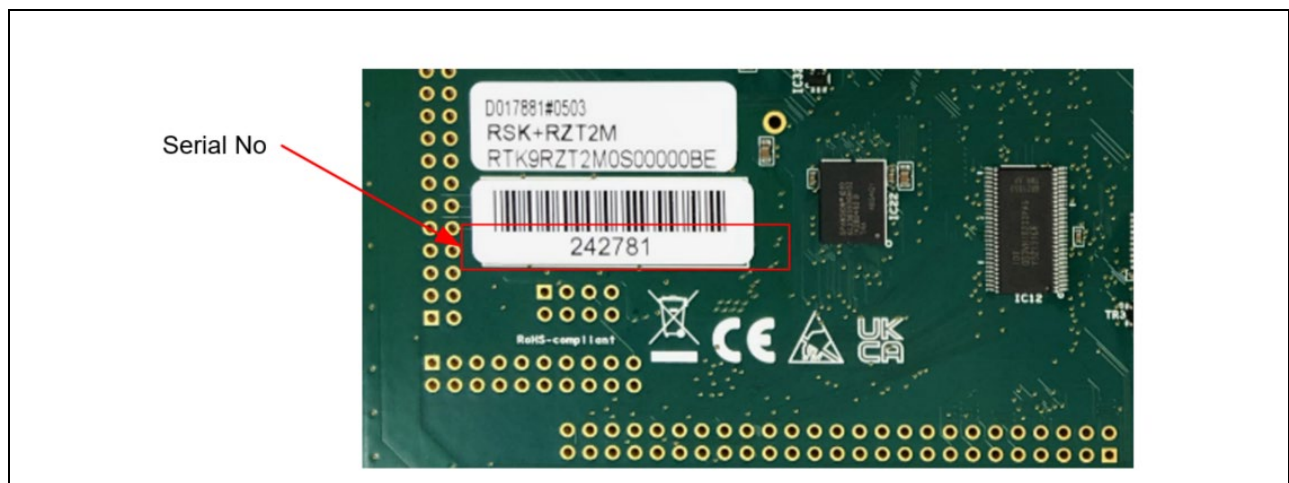


Figure 1: Serial No. location (CPU board solder side)

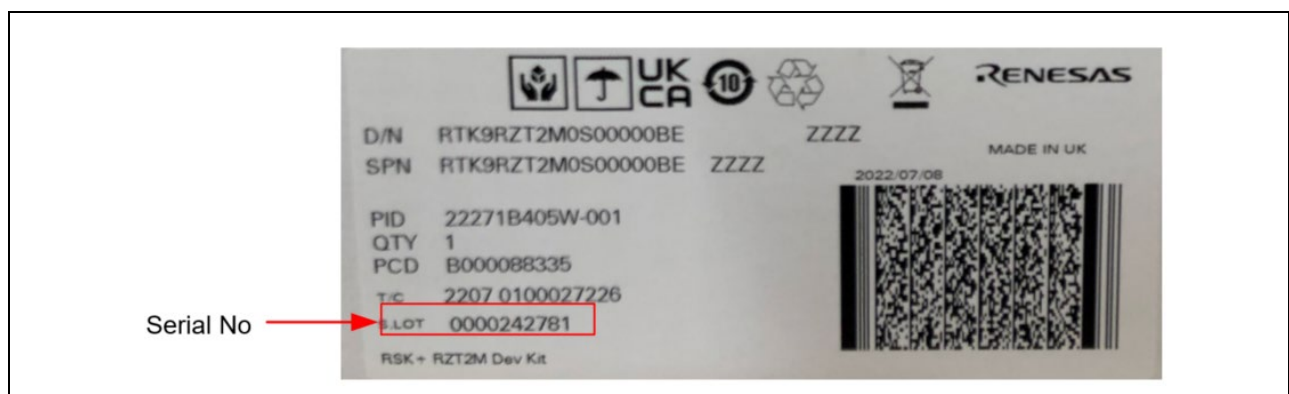


Figure 2: Serial No. location (side of the product box)

1.2 Details

The Renesas Starter Kit+ for RZ/T2M has the RZ/T2M and RL78/G1C connected by UART. The RL78/G1C performs USB/serial conversion to support input/output using terminal software.

During the power on sequence, the RL78/G1C firmware discards ~106 bytes of UART data, and this data is not output to the terminal software.

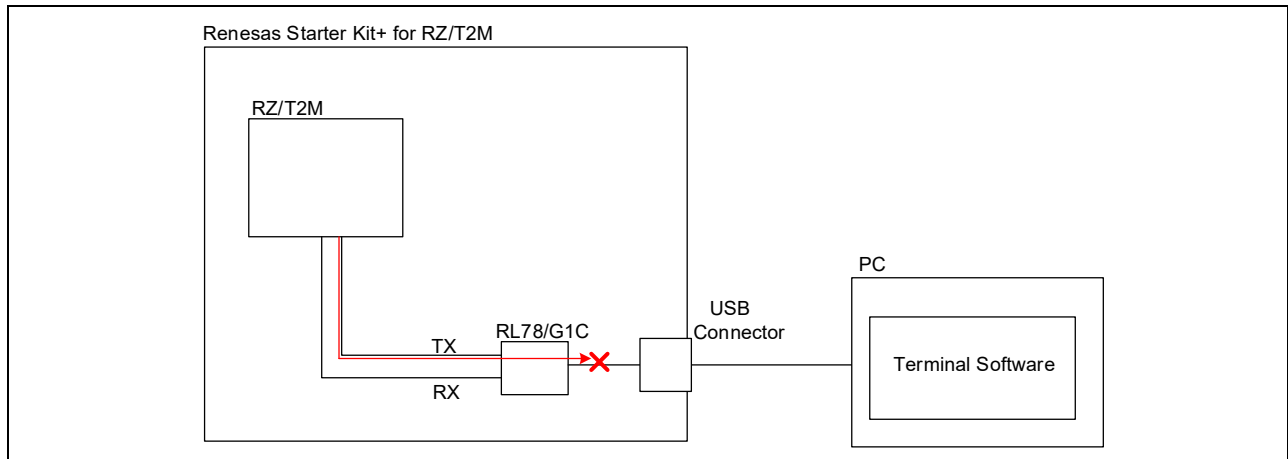


Figure 3: Diagram of USB serial conversion

1.3 Workaround

After turning on the power, please send dummy data of 106 bytes or more from the RZ/T2M to RL78/G1C.

When using SCI boot mode, press the reset switch of the Renesas Starter Kit+ for RZ/T2M three times or more. This will display the message in the terminal software, ready to transfer the loader program.

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Dec.16.22	-	First edition issued

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