

RENESAS TECHNICAL UPDATE

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Product Category	MPU/MCU		Document No.	TN-RH8-B0565A/E	Rev.	1.00
Title	RH850/U2C Flash Option Byte 15 (OPBT15) changing value at shipping		Information Category	Technical Notification		
Applicable Product	RH850/U2C8-EVA, U2C8	Lot No.	Reference Document	R01UH1018EJ0080 (User's Manual: Hardware)		
		Refer below				

[Overview]

The Flash Option Byte 15 (OPBT15) value at shipping will change.

[Applicable Product]

The Flash Option Byte 15 (OPBT15) value at shipping will change from following sample.

RH850/U2C8-EVA : From sample shipped after May 25, 2025

RH850/U2C8 : From ES sample

For RH850/U2C8-EVA samples shipped before the date informed above, or for RH850/U2C8 samples before the sample status, which is informed above, please use the new value at the shipping that is shown below in "Changepoint", if SGMII1 of Ethernet TSN (ETND) is used.

[Change point]

The following description will be changed in the User's Manual (Red character)

Section 53 Flash Memory

53.13 Configuration Setting Area (Option Bytes, Reset Vector)

53.13.21 OPBT15 — Option Byte 15

<Before>

Value at the shipping: FFFF 8E0C_H (valid area)

Erased (invalid area)

<After>

Value at the shipping: RH850/U2C8-EVA, RH850/U2C8: FDBC 8F94_H (valid area)

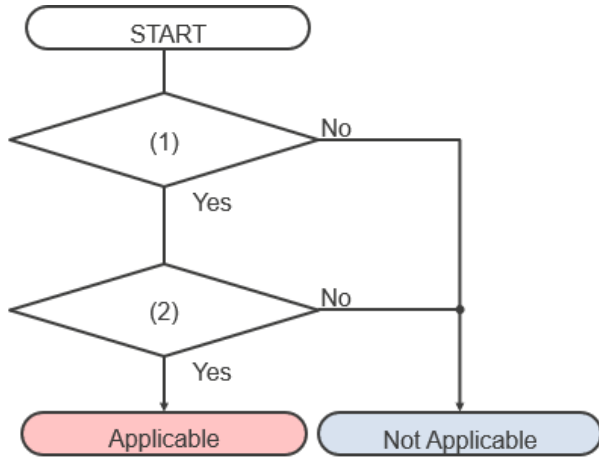
RH850/U2C4, RH850/U2C2: FFFF 8E0C_H (valid area)

Erased (invalid area)

[Judgement Flow]

For samples which are informed above in "Applicable Product".

(1)	Is the Ethernet TSN (ETND) used?	
(2)	Is the SGMII1 used?	



END