

Product Lineup (IE850 for RH850) and Option Products

Each link on product number is set with the URL for the product page or User's manual document.
[Click here for information about \[QB-V850E2-PW-xx\] \(optional\).](#)

MCU	Package	IE850 main unit	Pod	Exchange Adapter	Emulator Connector	Target Connector	Mount Adapter	Space Adapter	Trace Option
RH850/D1M2H	484-pin BGA (27x27)	QB-V850E2	RTE7701460EPA00000R	RTE7701412CBF484T000R	-	BSSOCKET484Z2627RE21N ^{Note1}	LSPACK484Z2627RE01 ^{Note1}	CSSOCKET484Z2627RE03 ^{Note1 Note2} CSSOCKET484Z2627RE04 ^{Note1 Note2}	
			RTE7701412EPA00000R Note5						
RH850/D1M2	376-pin BGA (23x23)		RTE7701460EPA00000R	RTE7701410CBF376T000R	-	BSSOCKET376Z2223RE21N ^{Note1}	LSPACK376Z2223RE01 ^{Note1}	CSSOCKET376Z2223RE03 ^{Note1 Note2} CSSOCKET376Z2223RE04 ^{Note1 Note2}	
			RTE7701412EPA00000R Note5						
RH850/D1M1A	272-pin BGA (21x21)		RTE7701460EPA00000R	RTE7701461CBF272T000R	-	BSSOCKET272Z2021RE21N ^{Note1}	LSPACK272Z2021RE11 ^{Note1 Note4} LSPACK272Z2021RE12 ^{Note1 Note4}	CSSOCKET272Z2021RE03 ^{Note1}	
RH850/D1M1H	272-pin BGA (21x21)		RTE7701460EPA00000R	RTE7701461CBF272T000R	-	BSSOCKET272Z2021RE21N ^{Note1}	LSPACK272Z2021RE11 ^{Note1 Note4} LSPACK272Z2021RE12 ^{Note1 Note4}	CSSOCKET272Z2021RE03 ^{Note1}	
			RTE7701427EPA00000R Note5	RTE7701407CBF272T000R					
RH850/D1M1			RTE7701460EPA00000R	RTE7701463CFK176T000R					
			RTE7701427EPA00000R Note5	RTE7701405CFK176T000R					
RH850/D1M1-V2	176-pin QFP (24x24)		RTE7701460EPA00000R	RTE7701463CFK176T000R	QB-176GM-YQ-01T	QB-176GM-NQ-01T	QB-176GM-HQ-01T	QB-176GM-YS-01T*1 YQSOCKET176SDN*2	QB-V850E2-SP
RH850/D1L2H			RTE7701427EPA00000R Note5	RTE7701405CFK176T000R					
RH850/D1L2	144-pin QFP (20x20)		RTE7701460EPA00000R	RTE7701422CFK144T000R					
RH850/D1L1 ^{Note3}			RTE7701427EPA00000R Note5	RTE7701401CFK144T000R	QB-144GJ-YQ-01T	QB-144GJ-NQ-01T	QB-144GJ-HQ-01T	QB-144GJ-YS-01T*1 YQSOCKET144SDN*2	
			RTE7701460EPA00000R	RTE7701421CFK144T000R					
			RTE7701427EPA00000R Note5	RTE7701401CFK144T000R					
R7F701417, R7F701437			RTE7701460EPA00000R	RTE7701421CFK144T000R					
RH850/E1L	252-pin BGA (17x17)			RTE7701202CBG252T000J	-	BSSOCKET252A2017RE21N ^{Note1}	LSPACK252A2017RE01 ^{Note1}	CSSOCKET252A2017RE03 ^{Note1 Note2} CSSOCKET252A2017RE04 ^{Note1 Note2}	
	176-pin QFP (24x24)			RTE7701201CFK176T000J	QB-176GM-YQ-01T	QB-176GM-NQ-01T	QB-176GM-HQ-01T	QB-176GM-YS-01T*1 YQSOCKET176SDN*2	
	144-pin QFP (20x20)			RTE7701202EPA00000J	RTE7701201CFK144T000R	QB-144GJ-YQ-01T	QB-144GJ-NQ-01T	QB-144GJ-HQ-01T	QB-144GJ-YS-01T*1 YQSOCKET144SDN*2
RH850/E1M-S	304-pin BGA (19x19)			RTE7701202CBG304T000J	-	BSSOCKET304A2219RE21N ^{Note1}	LSPACK304A2219RE01 ^{Note1}	CSSOCKET304A2219RE03 ^{Note1 Note2} CSSOCKET304A2219RE04 ^{Note1 Note2}	
	252-pin BGA (17x17)			RTE7701202CBG252T000J	-	BSSOCKET252A2017RE21N ^{Note1}	LSPACK252A2017RE01 ^{Note1}	CSSOCKET252A2017RE03 ^{Note1 Note2} CSSOCKET252A2017RE04 ^{Note1 Note2}	
RH850/E1M-S2	304-pin BGA (19x19)		RTE7701216EPA00000R	RTE7701202CBG304T000J	-	BSSOCKET304A2219RE21N ^{Note1}	LSPACK304A2219RE01 ^{Note1}	CSSOCKET304A2219RE03 ^{Note1 Note2} CSSOCKET304A2219RE04 ^{Note1 Note2}	
	252-pin BGA (17x17)			RTE7701202CBG252T000J	-	BSSOCKET252A2017RE21N ^{Note1}	LSPACK252A2017RE01 ^{Note1}	CSSOCKET252A2017RE03 ^{Note1 Note2} CSSOCKET252A2017RE04 ^{Note1 Note2}	

*1 Discontinued product

*2 Buy the product : manufactured by Tokyo Eletech Corporation

Notes:

1: made by Tokyo Eletech Co., Ltd.

2: When you use a space adapter, either for the MCU package is available. However, both of them should be used together in combination when you use two space adapters.

3: When you use the RH850/D1L1 in combination with RTE7701427EPA00000R, the buffers of port P21 cannot be used at 5 V. Attempting to use them at 5 V will result in the emulation pod emitting smoke or catching fire.

Contact us if you had intended to use the buffers of port P21 at 5 V.

4: Contact Tokyo Eletech Corporation and select the adapter to use according to how you will be placing components on the target system.

5: Non Promotion