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RENESAS TECHNICAL UPDATE

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Product Category	MPU/MCU		Document No.	TN-V85-A022A/E	Rev.	1.00
Title	V850E/SV2 Usage Restriction about bus control function.		Information Category	Usage Restriction		
Applicable Product	V850E/SV2 series	Lot No. All lots	Reference Document	* Preliminary User's Manual V850EV2 32-Bit Single-Chip Microcontroller Hardware v1.00 (the 1st edition) U16384JJ1V1UD00		

A restriction matter of a bus control function was revealed about V850E/SV2.

1. Detail of restriction

When using a bus control function, AD0-AD15 terminal becomes unsettled at idle State.

User's manual are corrected as follows.

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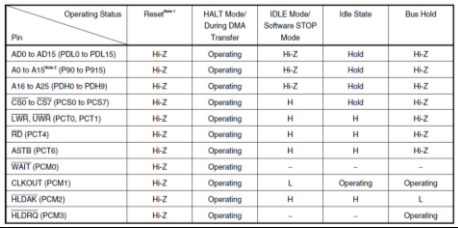
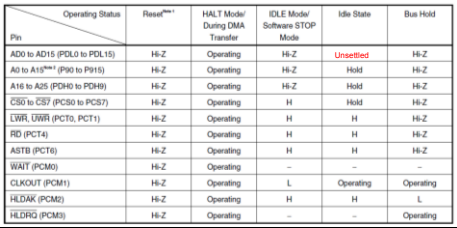
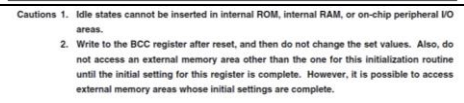
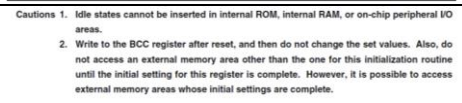
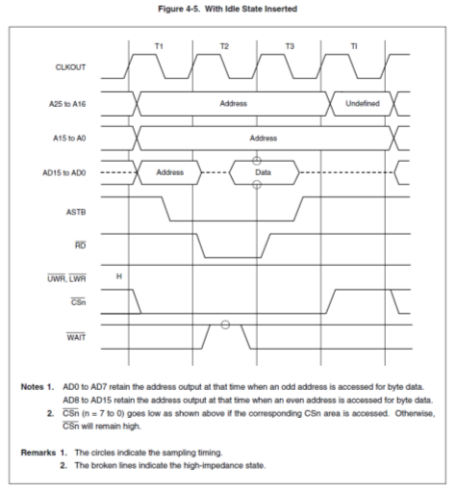
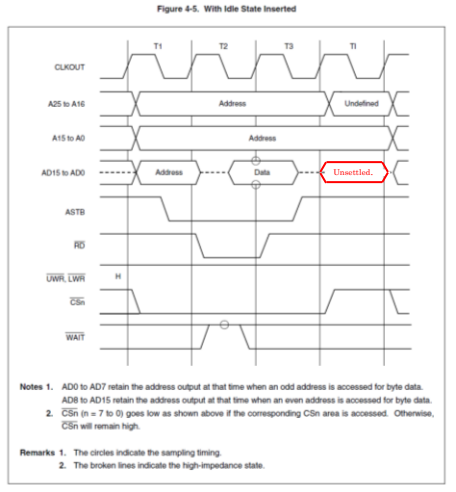
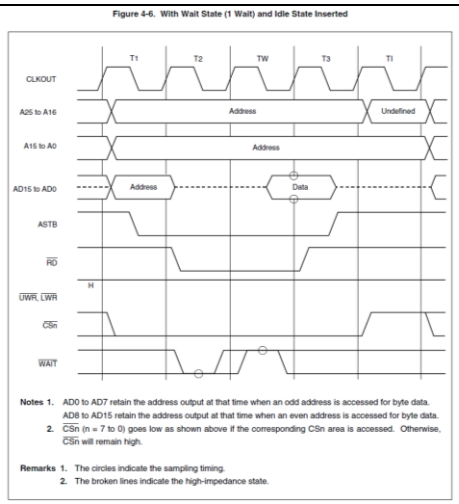
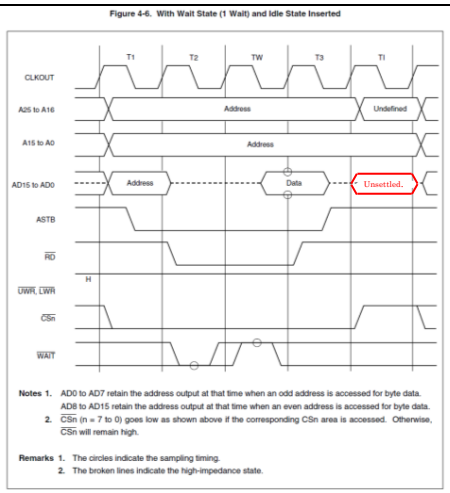
Item	Page	Correction point	Current state.	After restriction
1.	53	2.2 Pin status (Table)		
2.	134	(1) Bus cycle control register (BCC)		
3.	142	Fig 4-5. With Idle State Inserted		

Item	Page	Correction point	Current state.	After restriction
4.	143	Fig 4-5. With Wait State (1 Wait) and Idle State Inserted		

2. Workaround

When using the bus function, be careful so that a signal of AD0-AD15 terminal doesn't collide with idle state.

This issue is not planned for correction. It will be made usage restriction.

Please inquire to our salesperson about details.