RENESAS TECHNICAL UPDATE

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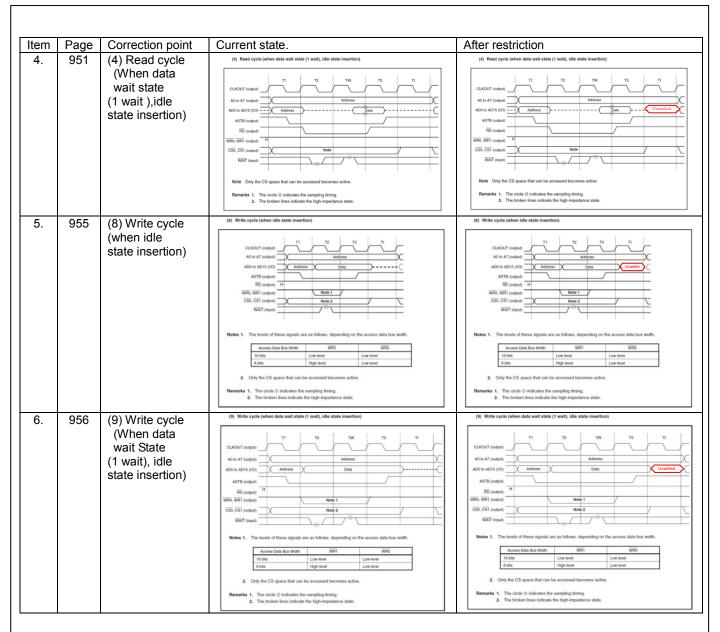| Product Category	MPU/MCU			Document No.	TN-V85-A017A/E	Rev.	1.00
Title	V850E/IG3 Usage Restriction about bus control function.			Information Category	Usage Restriction		
Applicable Product	V850E/IG3 series	Lot No.		Reference Document	* 32 bits of user's manual V850E/IF3,V850E/IG3 and single chip micro controller The hardware volume (the 3rd edition) U18279EJ3V0UD00		
		All lots					

A restriction matter of a bus control function was revealed about V850E/IG3.

1. The detail of restriction

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

User's manual are corrected as follows.

Item	Page	Correction point	Current state.	After restriction
1.	54.	Table 2-2 Pin Operation status in Operation Modes.		
2.	946	(1) bus cycle control register (BCC)		
3.	950	(3) Read cycle (When idle state insertion)		

Item	Page	Correction point	Current state.	After restriction
4.	951	(4) Read cycle (When data wait state (1 wait),idle state insertion)		
5.	955	(8) Write cycle (when idle state insertion)		
6.	956	(9) Write cycle (When data wait State (1 wait), idle state insertion)		

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.