

RENESAS TECHNICAL UPDATE

TOYOSU FORESIA, 3-2-24, Toyosu, Koto-ku, Tokyo 135-0061, Japan
Renesas Electronics Corporation

Product Category	MPU/MCU		Document No.	TN-RX*-A0282A/E	Rev.	1.00
Title	Point to Note on Usage of the Extended Double Trigger Mode of the 12-bit A/D Converter (S12ADHa) of RX26T Group Products		Information Category	Technical Notification		
Applicable Product	RX26T Group	Lot No.	Reference Document	RX26T Group User's Manual: Hardware Rev.1.10 (R01UH0979EJ0110)		
		All				

This document is to notify users of the following point to note regarding usage of the extended double trigger mode of the 12-bit AD converter (S12ADHa) in products of the RX26T Group.

1. Point to Note

When the general PWM timer (GPTW) is selected to provide the triggers for A/D conversion in the extended double trigger mode, the results of the conversions triggered by a GTADTRA compare match and GTADTRB compare match will respectively be stored in A/D data duplication register B (ADDBLDRB) and A/D data duplication register A (ADDBLDRA).

2. Workaround

Read the result of the A/D conversion triggered by a GTADTRA compare match from A/D data duplication register B (ADDBLDRB). Read the result of the A/D conversion triggered by a GTADTRB compare match from A/D data duplication register A (ADDBLDRA).