

RENESAS TECHNICAL UPDATE

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Product Category	MPU/MCU		Document No.	TN-SY*-A0079A/E	Rev.	1.00
Title	Correction of ADC operation in snooze mode		Information Category	Technical Notification		
Applicable Product	S124 Group, S128 Group, S1JA Group, S3A1 Group, S3A3 Group, S3A6 Group, S3A7 Group	Lot No.	Reference Document	Refer table at the end of this document		
		All				

The description of ADC operation in snooze mode is corrected.

Table 10.2 Operating conditions of each low power mode - Note 10 for S124
Table 11.2 Operating conditions of each low power mode - Note 12 for S3A7

[Before]

When using the 14-Bit A/D Converter in Snooze mode, the ADCMPCR.CMPAE or ADCMPCR.CMPBE bit must be 1.

[After]

When using the 14-Bit A/D Converter in Snooze mode, the ADCMPCR.CMPAE **and** ADCMPCR.CMPBE bit must be 1.

Table 10.2 Operating conditions of each low power mode - Note 12 for S128

[Before]

When using the 14-Bit A/D Converter (ADC14) in Snooze mode, the ADCMPCR.CMPAE or ADCMPCR.CMPBE bit must be 1.

[After]

When using the 14-Bit A/D Converter (ADC14) in Snooze mode, the ADCMPCR.CMPAE **and** ADCMPCR.CMPBE bit must be 1.

Table 10.2 Operating conditions of each low power mode - Note 11 for S3A6

Table 11.2 Operating conditions of each low power mode - Note 12 for S3A1, S3A3

[Before]

When using the ADC14 in Snooze mode, the ADCMPCR.CMPAE or ADCMPCR.CMPBE bit must be 1.

[After]

When using the ADC14 in Snooze mode, the ADCMPCR.CMPAE **and** ADCMPCR.CMPBE bit must be 1.

Table 11.2 Operating conditions of each low power mode - Note 12 for S1JA

[Before]

When using the 16-bit A/D Converter (ADC160) in Snooze mode, the ADCMPCR.CMPAE or ADCMPCR.CMPBE bit must be 1.

[After]

When using the 16-bit A/D Converter (ADC160) in Snooze mode, the ADCMPCR.CMPAE **and** ADCMPCR.CMPBE bit must be 1.

Reference Document Table

Product	Document name
S124 Group	S124 Microcontroller Group User's Manual Rev.1.30
S128 Group	S128 Microcontroller Group User's Manual Rev.1.10
S1JA Group	S1JA Microcontroller Group User's Manual Rev.1.40
S3A1 Group	S3A1 Microcontroller Group User's Manual Rev.1.20
S3A3 Group	S3A3 Microcontroller Group User's Manual Rev.1.10
S3A6 Group	S3A6 Microcontroller Group User's Manual Rev.1.20
S3A7 Group	S3A7 Microcontroller Group User's Manual Rev.1.40