

# RENESAS TECHNICAL UPDATE

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Product Category	MPU/MCU		Document No.	TN-SY*-A021A/E	Rev.	1.00
Title	Note regarding the increase of supply current in Low power mode for S3A7		Information Category	Technical Notification		
Applicable Product	Renesas Synergy™ S3 Series S3A7	Lot No.	Reference Document	S3A7 User's Manual: Microcontrollers, Rev.1.20		
		All lots				

This document provides a note on the supply current in Low speed mode or Software Standby mode for the Renesas Synergy™ S3 Series S3A7.

## 1. Note

A circuit that is not used in user mode might not be reset and might operate in an unstable state because the clocks are not supplied during an MCU reset. Therefore, the supply current can be increased to a value greater than that stated in the User's Manual by up to 600  $\mu$ A when the MCU transition to Low speed mode or Software Standby mode.

## 2. Measure

Perform the following procedure at the initial setting for the MCU to initialize the unused circuit mentioned above.

