[Notification]
Procedure for Using Temperature Sensor of
RX Family ADC Module Using Firmware Integration Technology
and RX Driver Package

Outline

This document provides information on the procedure for using the temperature sensor of the products listed in the title.

1.   Details

For RX family ADC module using Firmware Integration Technology (ADC FIT module) Rev 2.30 or earlier, the procedure for using the temperature sensor is not the same as the procedure in the User's Manual: Hardware listed in "Section 3. Applicable MCUs." [Note] Note, however, that using the temperature sensor in the procedure of the Rev 2.30 or earlier would not affect the operation of the temperature sensor.

Although the performance of the temperature sensor would not be affected, we will be updating the procedure of Rev 2.30 or earlier in the next revision update to Rev 3.00 to standardize the procedure to the steps listed in the User's Manual: Hardware. For details, refer to the section 4.

Note: The procedures for using the temperature sensor before (Rev 2.30 or earlier) and after the update (to be released) are shown in the figure below. Steps that are changed from before to after the update are highlighted in yellow.
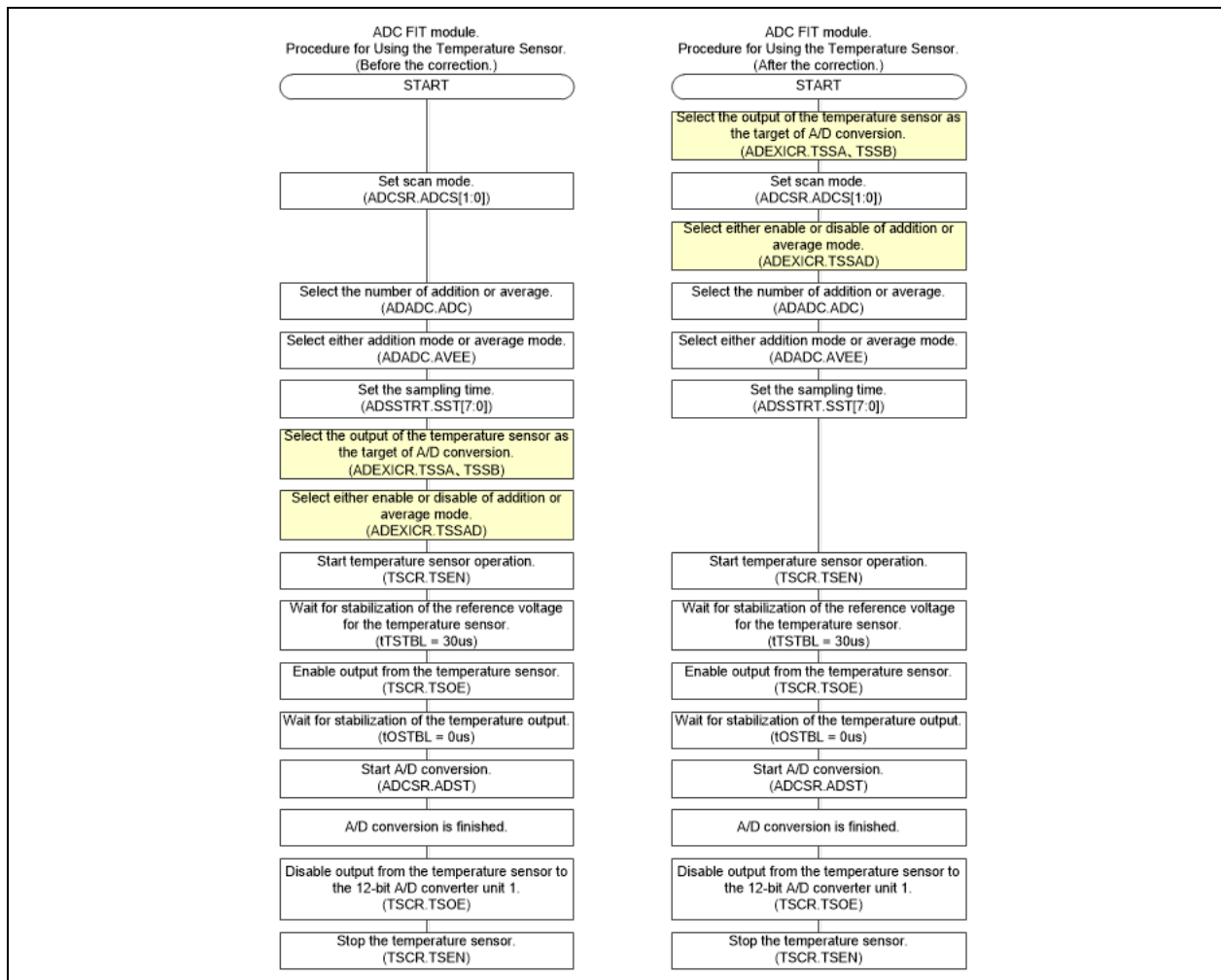

Figure 1 Procedures for Using the Temperature Sensor

2. Applicable Products

(1) RX family ADC module using Firmware Integration Technology (ADC FIT module)

The applicable revision and document number are as listed in "Table 1.1, ADC FIT Module Applicable Products."

Table 1.1 ADC FIT Module Applicable Products

Revision of ADC FIT Module	Document Number
Rev.1.00	R01AN2182EU0100
Rev.2.00	R01AN1666EU0200
Rev.2.10	R01AN1666EU0210
Rev.2.11	R01AN1666EJ0211
Rev.2.20	R01AN1666EJ0220
Rev.2.30	R01AN1666EJ0230

(2) RX Driver Package

ADC FIT modules in (1) are also included in the following RX Driver Package as r_s12ad_rx_v*.**.zip (*.** indicates the revision number.)
The product name and revision number of the applicable RX Driver Package as well as the revision number of the included ADC FIT module are as listed in "Table 1.2 Products which include the ADC FIT Module."

Table 1.2 Products which include the ADC FIT Module

Product Name of RX Driver Package	Revision of RX Driver Package	Document number	Revision of included ADC FIT module
RX64M group RX Driver Package Ver 1.01	Rev.1.01	R01AN2460EJ0101	Rev.1.00
RX64M, RX71M groups RX Driver Package Ver 1.02	Rev.1.02	R01AN2606EJ0104	Rev.2.10
RX family RX Driver Package Ver.1.10	Rev.1.10	R01AN3345EJ0100	Rev.2.11
RX family RX Driver Package Ver.1.11	Rev.1.11	R01AN3467EJ0111	Rev.2.11
RX family RX Driver Package Ver.1.12	Rev.1.12	R01AN3651EJ0112	Rev.2.20
RX family RX Driver Package Ver.1.13	Rev.1.13	R01AN3859EJ0113	Rev.2.30
RX family RX Driver Package Ver.1.14	Rev.1.14	R01AN4191EJ0114	Rev.2.30
RX family RX Driver Package Ver.1.15	Rev.1.15	R01AN4372EJ0115	Rev.2.30

3. Applicable MCUs

RX64M, RX65N, and RX71M groups

4. Schedule for Releasing Updated Products

The updated products of the ADC FIT module and RX Driver Package are schedule to be released at the end of November 2018.

Revision History

Rev.	Date	Description	
		Page	**Summary**
1.00	Nov. 01, 2018	-	First edition issued

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