

RENESAS TOOL NEWS on December 16, 2012: 121216/tn12

Sound Playback System and Compression Library (Original ADPCM CODEC) M3S-S2-Tiny for the RX Family Revised to V.3.01 Release 00

We have revised the sound playback system and compression library M3S-S2-Tiny for the RX Family (original ADPCM CODEC) from V.1.00 Release 00 to V.3.01 Release 00. We supply the product free of charge. For an overview of the M3S-S2-Tinys, see:

<https://www.renesas.com/mw/s2>

The above URL is one of our global sites.

1. Descriptions of Revision

1.1 Device Support

The RX200 series of MCUs have been added to the support line.

1.2 Problem Fixed

The following problem has been fixed:

When sound is played back at a sampling rate of 22.05 kHz, decoded data becomes incorrect, and a small quantity of noise is produced in the wave forms of sound output.

1.3 Sample Programs Introduced

The following two sample programs have been introduced:

- (1) The sample program for evaluating the sound playback system
This program operates on the RX610 CPU board included with the Renesas Starter Kit for RX610.
- (2) The sample program for evaluating the sound playback system
This program operates on the RX210 CPU board included with the Renesas Starter Kit for RX210.

2. Application Note Published

We have published the following application note which provides the circuit diagrams and connections of the sound playback system necessary to evaluate the system on actual devices.

"RX600 Series Usage of Renesas Starter Kit for RX610 Middleware

Evaluation Board"

It can be downloaded from:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=R21AN0004>

The above URL is one of our global sites.

3. Obtaining Product

To obtain the revised product, follow these steps:

(1) Go to the following Web page:

<https://www.renesas.com/products/software-tools/software-os-middleware-driver/renesas-software-library/m3s-s2-tiny.html#sampleCodes>

You see the list of titles of application notes.

(2) Search the list for the following application note:

"RX Family ADPCM Encoder/Decoder M3S-S2-Tiny: Introduction Guide"

(3) Click the Hyperlink in the Project Files column on the right of the title of the application note searched for.

(4) Read through AGREEMENT and click Agree.

(5) From the download page, download the sample program.

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