

[Upgrade to Revision]

R20TS0840EJ0100

Rev.1.00

RX Family

Apr. 16, 2022

Sample Program Using FIR Filter to Perform Frequency Band Judgement Rev.1.01

## Outline

The RX Family Sample Program Using FIR Filter to Perform Frequency Band Judgement has been updated from Rev.1.00 to 1.01. This application note is supplied free of charge.

### 1. Products to Be Updated

- RX Family Sample Program Using FIR Filter to Perform Frequency Band Judgement

Revision: 1.00

Document number: R01AN5982EJ0100

### 2. Description

The main changes are as follows. Refer to the application note for details..

- Fixed the problem of discontinuity of FIR filter output signal (Refer to Figure 1)
- Updated software modules (Firmware Integration Technology, Code Generator)

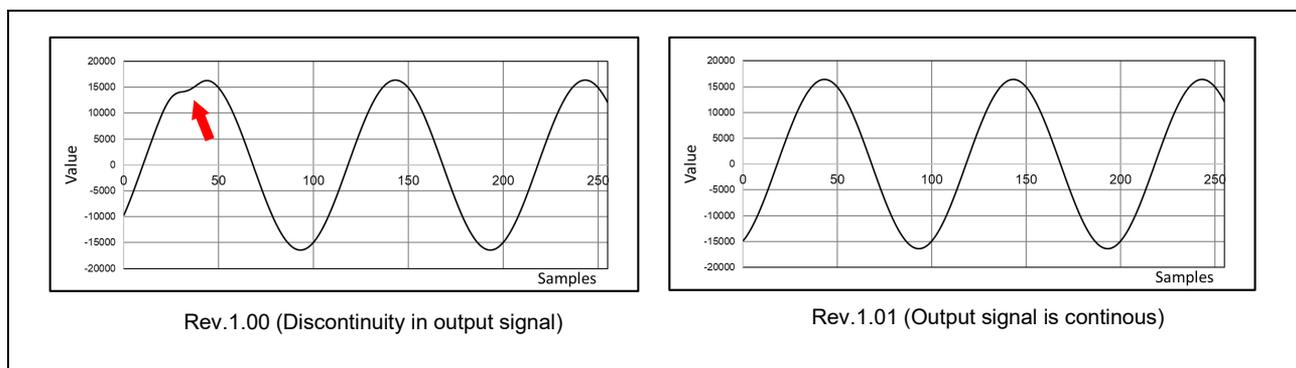


Figure 1 FIR Filter Output Signal (Ch.0 LPF output when feeding 100Hz sine wave)

### 3. Updating the Product

Obtain the program from the URL below. (Released on Mar.2022)

<https://www.renesas.com/search?keywords=R01AN5982>

RX Family Sample Program Using FIR Filter to Perform Frequency Band Judgement Rev.1.01

### 4. Related Web Site

DSP Library for RX Family (Introduction for DSP Library)

<https://www.renesas.com/software-tool/dsp-library-rx-family>

**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	Apr.16.22	-	First edition issued

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**Corporate Headquarters**

TOYOSU FORESIA, 3-2-24 Toyosu,  
Koto-ku, Tokyo 135-0061, Japan  
[www.renesas.com](http://www.renesas.com)

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