

[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)

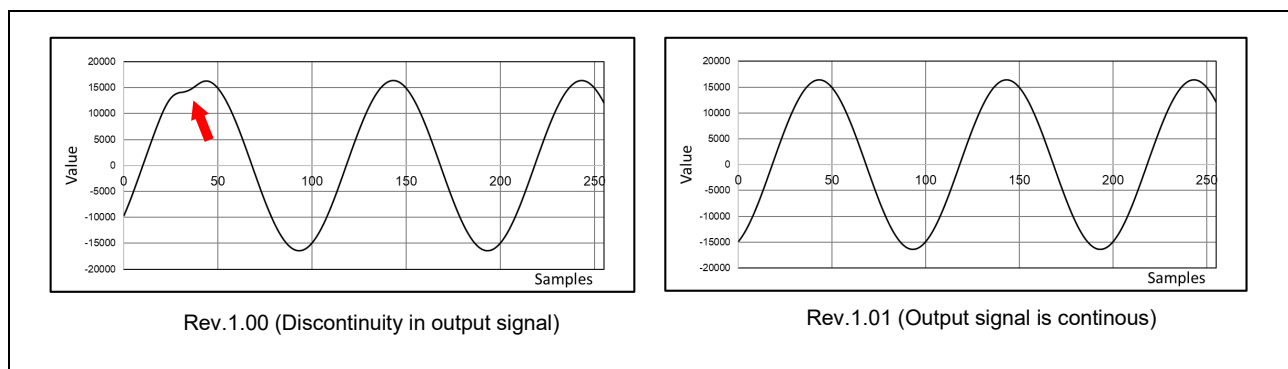


Figure 1 FIR Filter Output Signal (Ch.0 LPF output when feeding 100Hz sine wave)

3. Updating the Product

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

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

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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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