

RENESAS TOOL NEWS on December 26, 2011: 111226/tn5

Parameter Files for Flash Memory Programmers PG-FP5 Published and Revised

We have published and revised parameter files used for the PG-FP5 flash memory programmer. These parameter files are text files that contain information about MCUs necessary to program their flash ROMs by using the PG-FP5.

For an overview of the product, visit the Web site at:

http://www.renesas.com/pg_fp5

The above URL is one of our global sites.

1. Parameter Files and Their Versions

1.1 Newly Published Parameter Files

- (1) In RL78 family
 - PR5-R5F102 V1.00 (for RL78/G12 group)
 - PR5-R5F10E V1.00 (for RL78/G1A group)
- (2) In R8C family
 - PR5-R8C3X V1.00 (for R8C/3x series)
 - PR5-R8CLX V1.00 (for R8C/Lx series)
- (3) In SH family
 - PR5-SH7216 V1.00 (for SH7216 series)
 - PR5-SH7146 V1.00 (for SH7146 series)

1.2 Revised Parameter Files

- (1) In RL78 family
 - PR5-R5F104 V1.02 (for RL78/G14 group)
- (2) In V850 family
 - PR5-70F3482 V1.03 (for V850E/Sx3-H)
 - PR5-70F3509 V1.01 (for V850E2/Px4)
 - PR5-70F4012 V1.02 (for V850E2/Fx4)
 - PR5-70F3545 V1.01 (for V850E2/FF4-M)
 - PR5-70F3746 V1.03 (for V850ES/Jx3)
 - PR5-70F3368 V1.01 (for V850ES/Sx3)

2. Support for Revised MCU

The UPD70F4006 MCU (V850E2/FJ4 group) has been revised to device version 1.1. According to this revision, the following parameter file supports this MCU:

- PR5-70F4012 V1.02 (for V850E2/Fx4)

3. Problem Fixed

The following known problem has been fixed:

- With programming flash ROMs of V850ES/Jx3 and V850ES/Sx3 MCUs

For details, see RENESAS TOOL NEWS Document No. 111201/tn3 on the Web page at:

<http://tool-support.renesas.com/eng/toolnews/111201/tn3.htm>

The parameter files in which the above problem has been fixed are as follows:

- PR5-70F3746 V1.03 (for V850ES/Jx3)
- PR5-70F3368 V1.01 (for V850ES/Sx3)

4. Device Support

4.1 Newly Published Parameter Files

Parameter files and their support MCUs are as follows.

(1) In RL78 family

PR5-R5F102 (for RL78/G12 group) supports:

R5F10266, R5F10267, R5F10268, R5F10269, R5F1026A, R5F10277, R5F10278, R5F10279, R5F1027A, R5F102A7, R5F102A8, R5F102A9, R5F102AA, R5F10366, R5F10367, R5F10368, R5F10369, R5F1036A, R5F10377, R5F10378, R5F10379, R5F1037A, R5F103A7, R5F103A8, R5F103A9, and R5F103AA

PR5-R5F10E (for RL78/G1A group) supports:

R5F10E8A, R5F10E8C, R5F10E8D, R5F10E8E, R5F10EBA, R5F10EBC, R5F10EBD, R5F10EBE, R5F10EGA, R5F10EGC, R5F10EGD, R5F10EGE, R5F10ELC, R5F10ELD, and R5F10ELE

(2) In R8C family

PR5-R8C3X (for R8C/3x series) supports:

R5F21346W, R5F21347W, R5F21348W, R5F2134AW, R5F2134CW, R5F21346X,

R5F21347X, R5F21348X, R5F2134AX, R5F2134CX, R5F21346Y, R5F21347Y,

R5F21348Y, R5F2134AY, R5F2134CY, R5F21346Z, R5F21347Z, R5F21348Z, R5F2134AZ, R5F2134CZ, R5F21368W, R5F2136AW, R5F2136CW, R5F21368X, R5F2136AX, R5F2136CX, R5F21368Y, R5F2136AY, R5F2136CY, R5F21368Z, R5F2136AZ, R5F2136CZ, R5F21388W, R5F2138AW, R5F2138CW, R5F21388X, R5F2138AX, R5F2138CX, R5F21388Y, R5F2138AY, R5F2138CY, R5F21388Z, R5F2138AZ, and R5F2138CZ

PR5-R8CLX (for R8C/Lx series) supports:

R5F2L357C, R5F2L358C, R5F2L35AC, R5F2L35CC, R5F2L357M, R5F2L358M, R5F2L35AM, R5F2L35CM, R5F2L367C, R5F2L368C, R5F2L36AC, R5F2L36CC, R5F2L367M, R5F2L368M, R5F2L36AM, R5F2L36CM, R5F2L387C, R5F2L388C, R5F2L38AC, R5F2L38CC, R5F2L387M, R5F2L388M, R5F2L38AM, R5F2L38CM, R5F2L3A7C, R5F2L3A8C, R5F2L3AAC, R5F2L3ACC, R5F2L3A7M, R5F2L3A8M, R5F2L3AAM, and R5F2L3ACM

(3) In SH family

PR5-SH7216 (for SH7216 series) supports:

R5F72165, R5F72166, R5F72167, R5F72145, R5F72146, and R5F72147

PR5-SH7146 (for SH7146 series) supports: R5F71494

4.2 Revised Parameter Files

The revised parameter files and the MCUs added to their support lines are as follows.

(1) In RL78 family

PR5-R5F104 (for RL78/G14 group) supports:

R5F104AA, R5F104AC, R5F104AD, R5F104CA, R5F104CC, R5F104CD, R5F104EA, R5F104EC, R5F104ED, R5F104FA, R5F104FC, R5F104FD, R5F104GA, R5F104GC, R5F104GD, R5F104JC, R5F104JD, R5F104LC, R5F104LD, R5F104MJ, and R5F104PJ

(2) In V850 family

PR5-70F3482 (for V850E/Sx3-H) supports:

UPD70F3474B, UPD70F3475B, UPD70F3476B, UPD70F3477B, UPD70F3478B, UPD70F3479B, UPD70F3931B, UPD70F3932B, UPD70F3933B, UPD70F3934B, UPD70F3935B, UPD70F3936B, UPD70F3937B, UPD70F3938B, UPD70F3939B, UPD70F3480B, UPD70F3481B, UPD70F3482B, UPD70F3486B, UPD70F3487B, UPD70F3488B, UPD70F3925B, UPD70F3926B, and UPD70F3927B

PR5-70F3509 (for V850E2/Px4) supports: UPD70F3505A and UPD70F3507M2

PR5-70F4012 (for V850E2/Fx4) supports: UPD70F4009 and UPD70F4012

PR5-70F3545 (for V850E2/FF4-M) supports: UPD70F3543

PR5-70F3746 (for V850ES/Jx3) supports:

UPD70F3739, UPD70F3740, UPD70F3741, UPD70F3742, UPD70F3743,
UPD70F3744, UPD70F3745, and UPD70F3746

PR5-70F3368 (for V850ES/Sx3) supports:

UPD70F3333, UPD70F3334, UPD70F3335, UPD70F3336, UPD70F3340,
UPD70F3341, UPD70F3342, UPD70F3343, UPD70F3350, UPD70F3351,
UPD70F3352, UPD70F3353, UPD70F3344, UPD70F3345, UPD70F3346,
UPD70F3347, UPD70F3348, UPD70F3354, UPD70F3355, UPD70F3356,
UPD70F3357, UPD70F3358, UPD70F3364, UPD70F3365, UPD70F3366,
UPD70F3367, and UPD70F3368

5. How to Obtain the Parameter Files

Download the parameter files you want from the Web site at:

http://www.renesas.com/pg_fp5_download

This site will be updated on this December 26.

For details of update, see the PG-FP5 user's manual.

The above URL is one of our global sites.

6. Necessary Firmware Programs, FGPA Data files, and Programming GUIs

As to the versions of the firmware programs, FGPA data files, and programming GUIs, which are necessary to use the parameter files concerned, see the release note (in PDF) included with each parameter file. Their latest versions can be downloaded from the Web site at:

http://www.renesas.com/pg_fp5_download

The above URL is one of our global sites.

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