

RENESAS TOOL NEWS on March 16, 2013: 130316/tn3

Parameter Files for Flash Memory Programmer PG-FP5 Released

We have published new parameter files as well as having revised several of the existing ones for flash memory programmer PG-FP5. These parameter files, written in text format, contain the information about MCUs that is necessary when you program the flash memories on those MCUs.

For an overview of PG-FP5, go to:

https://www.renesas.com/pg_fp5

The above URL is one of our global sites.

1. Newly Published Parameter Files

The following parameter files have newly been published:

(1) For RX family

- PR5-R5F5220 V1.00 (for RX220 group)
MCU support: R5F52201B, R5F52203B, R5F52205B, and R5F52206B

(2) For RL78 family

- PR5-R5F10Y V1.00 (for RL78/G10 group)
MCU support: R5F10Y14 and R5F10Y16

2. Revised Parameter Files

The following existing parameter files have been revised.

2.1 Increase in Device Support

(1) For RX family

- PR5-R5F5210 (for RX210 group) revised from V1.01 to V1.02.
Increased support: R5F52103B, R5F52104B, R5F52105B, R5F52106B,
R5F52107B, R5F52108B, R5F5210AB, R5F5210BB,
R5F52107C, and R5F52108C
- PR5-R5F5630 (for RX630 group) revised from V1.00 to V1.01.
Increased support: R5F5630A and R5F5630B
- PR5-R5F5631 (for RX631 group) revised from V1.01 to V1.02.
Increased support: R5F56316, R5F56317, and R5F56318
- PR5-R5F563T (for RX63T group) revised from V1.00 to V1.01.

Increased support: R5F563T4, R5F563T5, R5F563TB, R5F563TC,
and R5F563TE

(2) For V850 family

- PR5-70F4012 (for V850E2/Fx4) revised from V1.05 to V1.06.

Increased support: UPD70F4003, UPD70F4004, and

UPD70F4005 (V850E2/FJ4)

UPD70F3555 (V850E2/FK4)

- PR5-70F3592 (for V850E2/Fx4-G) revised from V1.00 to V1.01.

Increased support: UPD70F4177 and UPD70F4178 (V850E2/FF4-G)

UPD70F4179 and UPD70F4180 (V850E2/FG4-G)

- PR5-70F3585 (for V850E2/Fx4-L) revised from V1.00 to V1.01.

Increased support: UPD70F3570, UPD70F3571, and

UPD70F3572 (V850E2/FE4-L)

UPD70F3574 and UPD70F3575 (V850E2/FF4-L)

UPD70F3576, UPD70F3577, UPD70F3578,

and UPD70F3579 (V850E2/FG4-L)

UPD70F3585 (V850E2/FJ4-L)

Note: The parameter file name was changed from PR5-70F3589 to
PR5-70F3585.

- PR5-70F3545 (for V850E2/Fx4-M) revised from V1.01 to V1.02.

Increased support: UPD70F3544 (V850E2/FF4-M)

(3) For R8C family

- PR5-R8C3X (for R8C/3x series) revised from V1.03 to V1.04.

Increased support: R5F21368S, R5F2136AS, R5F2136CS, R5F21388S,
R5F2138AS, and R5F2138CS

2.2 Correction of error

(1) For RX family

- PR5-R5F5610 (for RX610 group) revised from V1.00 to V1.01.

Involved MCUs: R5F56104, R5F56106, R5F56107, and R5F56108

The following problem has been fixed:

When using these MCUs in boot mode, the communications
between MCU and PG-FP5 may not be synchronized correctly.

As a result the following error may arise:

ERROR(E012): Connection or synchronisation failed

- PR5-R5F5621 (for RX621 group) revised from V1.00 to V1.01.

Involved MCUs: R5F56216, R5F56217, and R5F56218

The following problem has been fixed:

When using these MCUs in boot mode, the communications

between MCU and PG-FP5 may not be synchronized correctly.

As a result the following error may arise:

ERROR(E012): Connection or synchronisation failed

- PR5-R5F562G (for RX62G group) revised from V1.00 to V1.01.

Involved MCUs: R5F562G7A, R5F562G7D, R5F562GAA, and R5F562GAD

The following problem has been fixed:

When using these MCUs in boot mode, the communications between MCU and PG-FP5 may not be synchronized correctly.

As a result the following error may arise:

ERROR(E012): Connection or synchronisation failed

- PR5-R5F562N (for RX62N group) revised from V1.00 to V1.01.

Involved MCUs: R5F562N7 and R5F562N8

The following problem has been fixed:

When using these MCUs in boot mode, the communications between MCU and PG-FP5 may not be synchronized correctly.

As a result the following error may arise:

ERROR(E012): Connection or synchronisation failed

- PR5-R5F562T (for RX62T group) revised from V1.00 to V1.01.

Involved MCUs: R5F562T6A, R5F562T6B, R5F562T6D, R5F562T6E,

R5F562T7A, R5F562T7B, R5F562T7D, R5F562T7E,

R5F562TAA, R5F562TAB, R5F562TAD, and R5F562TAE

The following problem has been fixed:

When using these MCUs in boot mode, the communications between MCU and PG-FP5 may not be synchronized correctly.

As a result the following error may arise:

ERROR(E012): Connection or synchronisation failed

- PR5-R5F5630 (for RX630 group) revised from V1.00 to V1.01.

Involved MCUs: R5F56307, R5F56308, R5F5630D, and R5F5630E

The following problem has been fixed:

When using these MCUs in boot mode, the communications between MCU and PG-FP5 may not be synchronized correctly.

As a result the following error may arise:

ERROR(E012): Connection or synchronisation failed

- PR5-R5F5631 (for RX631 group) revised from V1.01 to V1.02.

Involved MCUs: R5F5631D, R5F5631E, R5F5631M, R5F5631N, and R5F5631P

The following problem has been fixed:

When using these MCUs in boot mode, the communications between MCU and PG-FP5 may not be synchronized correctly.

As a result the following error may arise:

ERROR(E012): Connection or synchronisation failed

- PR5-R5F563N (for RX63N group) revised from V1.01 to V1.02.

Involved MCUs: R5F563ND and R5F563NE

The following problem has been fixed:

When using these MCUs in boot mode, the communications between MCU and PG-FP5 may not be synchronized correctly.

As a result the following error may arise:

ERROR(E012): Connection or synchronisation failed

- PR5-R5F563T (for RX63T group) revised from V1.00 to V1.01.

Involved MCUs: R5F563T6

The following problem has been fixed:

When using these MCUs in boot mode, the communications between MCU and PG-FP5 may not be synchronized correctly.

As a result the following error may arise:

ERROR(E012): Connection or synchronisation failed

3. Obtaining Parameter Files

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

https://www.renesas.com/pg_fp5_download

The above-mentioned parameter files will be published on this site on March 21, 2013. For details of how to install them, see Chapter 3 of PG-FP5 Flash Memory Programmer User's Manual.

The above URL is one of our global sites.

4. Firmware Products, FPGA Data Items, and Programming GUIs

For the versions of the firmware products, FPGA data items, and programming GUIs necessary to use the above-mentioned parameter files, see the Parameter Files Release Note at here.

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