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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-R5F521A V1.00 (for RX21A group)
MCU support: R5F521A6B, R5F521A7B, and R5F521A8B
- PR5-R5F563T V1.00 (for RX63Tgroup)
MCU support: R5F563T6

(2) For V850 family

- PR5-70F3537 V1.00 (for V850E2/Dx4 and V850E2/Dx4-H)
MCU support: UPD70F3522, UPD70F3523, UPD70F3524, UPD70F3525,
and UPD70F3526
- PR5-70F3589 V1.00 (for V850E2/Fx4-L)
MCU support: UPD70F3573, UPD70F3580, UPD70F3582, UPD70F3583,
and UPD70F3584
- PR5-70F4155 V1.00 (for V850E2/Px4-L)
MCU support: UPD70F4155

(3) For RL78 family

- PR5-R5F10D V1.00 (for RL78/D1A group)
MCU support: R5F10CGB, R5F10CGC, R5F10CGD, R5F10CLD, R5F10CMD,
R5F10CME, R5F10DGC, R5F10DGD, R5F10DGE, R5F10DLD,

R5F10DLE, R5F10DMD, R5F10DME, R5F10DMF, R5F10DMG,
R5F10DMJ, R5F10DPE, R5F10DPF, R5F10DPG, R5F10DPJ,
and R5F10TPJ

- PR5-R5F10J V1.00 (for RL78/G1C group)
MCU support: R5F10JBC, R5F10JGC, R5F10KBC, and R5F10KGC
- PR5-R5F10W V1.00 (for RL78/L13 group)
MCU support: R5F10WLA, R5F10WLC, R5F10WLD, R5F10WLE, R5F10WLF,
R5F10WLG, R5F10WMA, R5F10WMC, R5F10WMD, R5F10WME,
R5F10WMF, and R5F10WMG

2 Revised Parameter Files

The following existing parameter files have been revised.

2.1 Increase in Device Support

(1) For RX family

- PR5-R5F5631 (for RX631 group) revised from V1.00 to V1.01
Increased support: R5F5631D, R5F5631E, R5F5631M, R5F5631N,
and R5F5631P
- PR5-R5F563N (for RX63N group) revised from V1.00 to V1.01
Increased support: R5F563ND and R5F563NE

(2) For V850 family

- PR5-70F4012 (for V850E2/Fx4) revised from V1.04 to V1.05.
Increased support: UPD70F3552 (V850E2/FJ4)
- PR5-70F4018 (for V850E2/Sx4-H) revised from V1.00 to V1.01.
Increased support: UPD70F4013 and UPD70F4014 (in V850E2/SG4-H)
UPD70F4015 and UPD70F4016 (in V850E2/SJ4-H)

(3) For RL78 family

- PR5-R5F104 (for RL78/G14 group) revised from V1.04 to V1.05.
Increased support: R5F104EF, R5F104EG, R5F104JF, R5F104JG,
and R5F104JH

2.2 Correction of error

(1) For RX family

PR5-R5F5210 (for RX210 group) revised from V1.00 to V1.01.
Involved MCUs: R5F52105A, R5F52106A, R5F52107A, and R5F52108A

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

(2) For R8C family

- PR5-R8C3X (for R8C/3x series) revised from V1.02 to V1.03.

Involved MCUs:

R5F21321C, R5F21322C, R5F21324C, R5F21324G, R5F21326G,
R5F21324H, R5F21326H, R5F21321M, R5F21322M, R5F21324M,
R5F21331C, R5F21332C, R5F21334C, R5F21335C, R5F21336C,
R5F21334G, R5F21336G, R5F21334H, R5F21336H, R5F21331M,
R5F21332M, R5F21334M, R5F21335M, R5F21336M, R5F21334T,
R5F21335T, R5F21336T, R5F21344C, R5F21345C, R5F21346C,
R5F21348K, R5F2134CK, R5F21344M, R5F21345M, R5F21346M,
R5F21344P, R5F21346P, R5F21344R, R5F21346R, R5F21346U,
R5F21348U, R5F21346W, R5F21347W, R5F21348W, R5F2134AW,
R5F2134CW, R5F21346X, R5F21347X, R5F21348X, R5F2134AX,
R5F2134CX, R5F21346Y, R5F21347Y, R5F21348Y, R5F2134AY,
R5F2134CY, R5F21346Z, R5F21347Z, R5F21348Z, R5F2134AZ,
R5F2134CZ, R5F21354C, R5F21355C, R5F21356C, R5F21357C,
R5F21358C, R5F2135AC, R5F2135CC, R5F21354M, R5F21355M,
R5F21356M, R5F21357M, R5F21358M, R5F2135AM, R5F2135CM,
R5F21364C, R5F21365C, R5F21366C, R5F21367C, R5F21368C,
R5F2136AC, R5F2136CC, R5F21364M, R5F21365M, R5F21366M,
R5F21367M, R5F21368M, R5F2136AM, R5F2136CM, R5F21368W,
R5F2136AW, R5F2136CW, R5F21368X, R5F2136AX, R5F2136CX,
R5F21368Y, R5F2136AY, R5F2136CY, R5F21368Z, R5F2136AZ,
R5F2136CZ, R5F21386C, R5F21387C, R5F21388C, R5F2138AC,
R5F2138CC, R5F21386M, R5F21387M, R5F21388M, R5F2138AM,
R5F2138CM, R5F21388W, R5F2138AW, R5F2138CW, R5F21388X,
R5F2138AX, R5F2138CX, R5F21388Y, R5F2138AY, R5F2138CY,
R5F21388Z, R5F2138AZ, R5F2138CZ, R5F213G1C, R5F213G2C,
R5F213G4C, R5F213G5C, R5F213G6C, R5F213G2M, R5F213G4M,
R5F213G5M, R5F213G6M, R5F213J2C, R5F213J4C, R5F213J5C,
R5F213J6C, R5F213J2M, R5F213J4M, R5F213J5M, R5F213J6M,
R5F213J4T, R5F213J5T, R5F213J6T, R5F213M8K, R5F213MCK,
R5F213M6Q, R5F213M7Q, R5F213M8Q, R5F213MAQ, R5F213MCQ,
R5F213M6U, R5F213M8U, R5F213N7T, R5F213N8T, R5F213NAT,
and R5F213NCT

The following problem has been fixed:

While erasing MCU, when the communication between the MCU and PG-FP5 is not continued due to the noise or the unplugging a cable, time until an error message is displayed is long more than needed.

- PR5-R8C5X (for R8C/5x series) revised from V1.00 to V1.01.

Involved MCUs:

R5F21546E, R5F21547E, R5F21548E, R5F2154AE, R5F2154CE,
R5F21546F, R5F21547F, R5F21548F, R5F2154AF, R5F2154CF,
R5F21546G, R5F21547G, R5F21548G, R5F2154AG, R5F2154CG,

R5F21546H, R5F21547H, R5F21548H, R5F2154AH, R5F2154CH, R5F21566E, R5F21567E, R5F21568E, R5F2156AE, R5F2156CE, R5F21566F, R5F21567F, R5F21568F, R5F2156AF, R5F2156CF, R5F21566G, R5F21567G, R5F21568G, R5F2156AG, R5F2156CG, R5F21566H, R5F21567H, R5F21568H, R5F2156AH, and R5F2156CH

The following problem has been fixed:

While erasing MCU, when the communication between the MCU and PG-FP5 is not continued due to the noise or the unplugging a cable, time until an error message is displayed is long more than needed.

- PR5-R8CLX (for R8C/Lx series) revised from V1.01 to V1.02.

Involved MCUs:

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, R5F2L3ACM, R5F2LA32A, R5F2LA34A, R5F2LA36A, R5F2LA38A, R5F2LA52A, R5F2LA54A, R5F2LA56A, R5F2LA58A, R5F2LA64A, R5F2LA66A, R5F2LA67A, R5F2LA68A, R5F2LA6AA, R5F2LA6CA, R5F2LA84A, R5F2LA86A, R5F2LA87A, R5F2LA88A, R5F2LA8AA, R5F2LA8CA, R5F2LAP6S, R5F2LAP7S, R5F2LAP8S, R5F2LAPAS, and R5F2LAPCS

The following problem has been fixed:

While erasing MCU, when the communication between the MCU and PG-FP5 is not continued due to the noise or the unplugging a cable, time until an error message is displayed is long more than needed.

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 December 20, 2012. 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 supplemental documents (in PDF) included with each parameter file.

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