
[Upgrade to revision]

R20TS0276EJ0100

Rev.1.00

Feb. 16, 2018

Programming GUI "FP6 Terminal"

for the PG-FP6 Flash Memory Programmer V1.01.00

Outline

We are revising "FP6 Terminal", the programming GUI for the PG-FP6 flash memory programmer from V1.00.00 to V1.01.00. Refer to the URL below for an overview of the PG-FP6.

<https://www.renesas.com/pg-fp6>

1. Items Revised

1.1 Addition of Supported MCUs

Additional support for MCUs is listed below.

(1) RL78 family

- RL78/G11 group
R5F1051A, R5F1054A

(2) RX family

- RX63T group
R5F563TBA, R5F563TBB, R5F563TBD, R5F563TBE, R5F563TCA, R5F563TCB, R5F563TCD,
R5F563TCE, R5F563TEA, R5F563TEB, R5F563TED, R5F563TEE

(3) RH850 family

- RH850/C1H group
R7F701270
- RH850/C1M group
R7F701271
- RH850/D1L group
R7F701401, R7F701402, R7F701421, R7F701422
- RH850/D1M group
R7F701404, R7F701405, R7F701406, R7F701407, R7F701410, R7F701411, R7F701412, R7F701430,
R7F701431, R7F701432, R7F701441, R7F701442, R7F701461, R7F701462
- RH850/E1L group
R7F701205
- RH850/E1M-S2 group
R7F701215
- RH850/F1H group
R7F701501, R7F701502, R7F701506, R7F701507, R7F701511, R7F701512, R7F701526, R7F701528,
R7F701530, R7F701531, R7F701534

- RH850/F1KM group
R7F701644, R7F701645, R7F701646, R7F701647, R7F701648, R7F701649, R7F701650, R7F701651, R7F701652, R7F701653, R7F701684, R7F701685, R7F701686, R7F701687, R7F701688, R7F701689, R7F701690, R7F701691, R7F701692, R7F701693, R7F701694, R7F701695
 - RH850/F1L group
R7F701002, R7F701003, R7F701006, R7F701007, R7F701008, R7F701009, R7F701010, R7F701011, R7F701012, R7F701013, R7F701014, R7F701015, R7F701016, R7F701017, R7F701018, R7F701019, R7F701020, R7F701021, R7F701022, R7F701023, R7F701024, R7F701025, R7F701026, R7F701027, R7F701028, R7F701029, R7F701030, R7F701032, R7F701033, R7F701034
 - RH850/F1M group
R7F701544, R7F701545, R7F701548, R7F701549, R7F701552, R7F701553, R7F701564, R7F701565, R7F701568, R7F701569, R7F701572, R7F701573, R7F701589
 - RH850/P1H-C group
R7F701372, R7F701372A
 - RH850/P1M group
R7F701304, R7F701305, R7F701310, R7F701311, R7F701312, R7F701313, R7F701314, R7F701315, R7F701318, R7F701319, R7F701320, R7F701321, R7F701322, R7F701323
 - RH850/P1M-C group
R7F701373, R7F701373A, R7F701374, R7F701374A
 - RH850 family
R7F701062, R7F701067
- (4) Renesas Synergy Microcontrollers
- S124
R7FS12477
 - S128
R7FS12878
 - S3A3
R7FS3A37A
 - S3A6
R7FS3A678
 - S3A7
R7FS3A77C
 - S5D5
R7FS5D57C
 - S5D9
R7FS5D97C, R7FS5D97E
 - S7G2
R7FS7G27G, R7FS7G27H

(5) 78K family

- 78K0/LE3
UPD78F0445, UPD78F0455, UPD78F0465
- 78K0/LF3
UPD78F0475, UPD78F0485, UPD78F0495
- 78K0/KB2
UPD78F0500, UPD78F0502A
- 78K0/KC2
UPD78F0512A
- 78K0/KD2
UPD78F0522A
- 78K0/KE2
UPD78F0532A
- 78K0/LG3-M
UPD78F8055
- 78K0/KC2-C
UPD78F0761
- UPD78F8019
UPD78F8015A
- UPD78F8032
UPD78F8027
- UPD78F8077
UPD78F8072
- 78K0R/FB3
UPD78F1804, UPD78F1804A, UPD78F1805, UPD78F1805A, UPD78F1806, UPD78F1806A
- 78K0R/FC3
UPD78F1808, UPD78F1808A, UPD78F1809, UPD78F1809A, UPD78F1810, UPD78F1810A,
UPD78F1812, UPD78F1812A, UPD78F1813, UPD78F1813A, UPD78F1814, UPD78F1814A,
UPD78F1816, UPD78F1816A, UPD78F1817, UPD78F1817A, UPD78F1827, UPD78F1827A,
UPD78F1828, UPD78F1828A, UPD78F1829, UPD78F1829A
- 78K0R/FE3
UPD78F1818, UPD78F1818A, UPD78F1819, UPD78F1819A, UPD78F1821, UPD78F1821A,
UPD78F1822, UPD78F1822A, UPD78F1832, UPD78F1832A, UPD78F1833, UPD78F1833A,
UPD78F1834, UPD78F1834A
- 78K0R/FF3
UPD78F1824, UPD78F1824A, UPD78F1825, UPD78F1825A, UPD78F1837, UPD78F1837A,
UPD78F1838, UPD78F1838A, UPD78F1839, UPD78F1839A
- 78K0R/FG3
UPD78F1841, UPD78F1841A, UPD78F1842, UPD78F1842A, UPD78F1843, UPD78F1843A,
UPD78F1844, UPD78F1844A

- 78K0R/HC3
UPD78F1032, UPD78F1033, UPD78F1034
 - 78K0R/HE3
UPD78F1037, UPD78F1038, UPD78F1039
 - 78K0R/HF3
UPD78F1042, UPD78F1043, UPD78F1044
 - 78K0R/HG3
UPD78F1047, UPD78F1048, UPD78F1049
- (6) R8C family
- R8C/LA6A group
R5F2LA6AA, R5F2LA6CA
 - R8C/LA8A group
R5F2LA8AA, R5F2LA8CA
 - R8C/LAPS group
R5F2LAP6S, R5F2LAP7S, R5F2LAP8S, R5F2LAPAS, R5F2LAPCS
- (7) SuperH family
- SH7214 group
R5F72145, R5F72146, R5F72147
 - SH7216 group
R5F72165, R5F72166, R5F72167
 - SH7253 group
R5F72533
 - SH72A0 group
R5F72A06x2, R5F72A06x3, R5F72A08xA
 - SH72A2 group
R5F72A26x2, R5F72A26x3, R5F72A28xA

1.2 Items to be Newly Supported

The new functions described below are to be added.

(1) Addition of the import function

[Import] is to be added to [Setup] on the [File] menu. You can open the setting file (ESF file) created with PG-FP5 or PG-FP6 by selecting [Import], and update the parameters to the same as those of the latest parameter file (PR5 file).

(2) Addition of a function to apply the flash option information to the ESF file

You can save the flash option information obtained by executing [Get Flash Options] on the [Target] menu as a new ESF file.

(3) Addition of a function to write an RPI file to MCUs

A function to write an RPI file to MCUs is to be added. An RPI file is an image file that integrates data for programming in flash memory and flash options and can be managed as a single program file including flash options. An RPI file can be generated by V3.01.00 and later versions of Renesas Flash Programmer, a software tool for programming flash memory.

(4) Support for Renesas Synergy Microcontrollers

FP6 Terminal V1.01.00 supports SCI boot mode connection of Renesas Synergy microcontrollers.

(5) Change of the block setting function

The setting method of [Block Setting] in the [Setup] dialog box is to be changed from specification by [start block] and [end block] to specification by block.

Applicable MCUs: RH850 family
RX64M, RX65N, RX651, and RX71M groups

1.3 Problem Fixed

The problem regarding the point below will be fixed.

Applicable version: FP6 Terminal V1.00.00

Applicable MCUs: Power management, battery management IC: RAJ240045

Details: The error below occurs and connection fails when commands are executed for the applicable MCU.

“ERROR(E024): Invalid signature code.”

2. Updating Your Product

For FP6 Terminal, online updating is available free of charge. Download the installer from the URL below to install the program. The installer is scheduled for posting on February 20.

<https://www.renesas.com/pg-fp6#downloads>

3. Remarks

The PG-FP5 is to be discontinued, with final orders being accepted until May 2018.

Addition of supported MCUs for the PG-FP5 will be continued until September 2018.

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Feb. 16, 2018	-	First edition issued

TOYOSU FORESIA, 3-2-24 Toyosu, Koto-ku, Tokyo 135-0061 Japan
 Renesas Electronics Corporation

■Inquiry

<https://www.renesas.com/contact/>

Renesas Electronics has used reasonable care in preparing the information included in this document, but Renesas Electronics does not warrant that such information is error free. Renesas Electronics assumes no liability whatsoever for any damages incurred by you resulting from errors in or omissions from the information included herein.

The past news contents have been based on information at the time of publication. Now changed or invalid information may be included.

The URLs in the Tool News also may be subject to change or become invalid without prior notice.

All trademarks and registered trademarks are the property of their respective owners.