RENESAS Tool News

Evaluation Edition of Renesas Flash Programmer Revised to V2.00.00

We have revised the evaluation edition of Renesas Flash Programmer from V1.03.01 to V2.00.00. For an overview of this flash-memory-programming software tool, go to:
https://www.renesas.com/rfp
The above URL is one of our global sites.

1. Descriptions of Revision

1.1 Device Support
The following MCUs have been added to the support line:
(1) In V850
  - UPD70F3550 and UPD70F4000 (V850E2/FG4)
  - UPD70F3553 and UPD70F3554 (V850E2/FJ4)
(2) In RX family
  - R5F562G7A, R5F562G7D, R5F562GAA, and R5F562GAD (RX62G group)
  - R5F5631D and R5F5631E (RX631 group)
  - R5F563ND and R5F563NE (RX63N group)
  - R5F56307 and R5F56308 (RX630 group)

(3) In 78K0
  - UPD78F8071, UPD78F8072, UPD78F8073, UPD78F8074, UPD78F8075, and UPD78F8077D (UPD78F8077)
(4) In RL78 family
  - R5F1096A, R5F1096B, R5F1096C, R5F1096D, R5F109AA, R5F109AB, R5F109AC, R5F109AD, R5F109BA, R5F109BC, R5F109BD, R5F109GA, R5F109GB, R5F109GC, R5F109GD, R5F109LA, R5F109LB, R5F109LC, and R5F109LD (RL78/F12 group)
  - R5F104MF, R5F104MG, R5F104MH, R5F104PF, R5F104PG, and R5F104PH (RL78/G14 group)
  - R5F10RB8, R5F10RBA, R5F10RBC, R5F10RF8, R5F10RFA, R5F10RFC, R5F10RG8, R5F10RGA, R5F10RGC, R5F10RJ8, R5F10RJA, R5F10RJC,

and R5F10RLA (RL78/L12 group)

1.2 Functionality

The following functions and others have been introduced:

(1) Full mode in Writing Operation Windows

The Full mode has been added in the Writing Operation Windows besides the existing Basic mode.
Using the Full mode in a development phase is suitable because management of two or more projects and the check of setting information can be easily performed.

(2) Script execution

You can start the product by a command line or user application and execute the blank check, erasing, and programming.

(3) Unique code embedding

You can program the data of arbitrary size to the addresses set in the unique code file.
As a result, to program the serial number on the target system to the address is made easily.

(4) User Boot area option

The User Boot Area Option drop-down list has been added to the Project Settings dialog box. If True is selected, the user boot area is included in erasure when the flash memories on MCUs of the RX family are programmed.

(5) Setting reset pin to Low state

The Reset Pin as Low drop-down list has been added to the Project Settings dialog box used for programming the flash memories on MCUs of the RL78 family, 78K, and V850 MCUs.
If True is selected, the reset pin is set to Low state when the product ends the communication with the MCU.

For details of the above functions and others, see the product's users manual, which can be downloaded from here.

This site will be updated on July 25, 2012.

2. Updating Your Product

Online update is available free of charge. Download the installer of the revised product from:
https://www.renesas.com/rfp_download

The installer will be published on this site on July 25, 2012.
The above URL is one of our global sites.

Note that on July 25, we launched the commercial edition of Renesas Flash Programmer V2.00.00, which is available on a chargeable basis. For details, see RENESAS TOOL NEWS Document No. 120725/tn2.