RENESAS Tool News

TCP/IP Protocol Stacks M3S-T4-Tiny for the SH-2A Revised to V.1.06 Release 00

We have revised the TCP/IP Protocol Stacks M3S-T4-Tiny for the SH-2A from V.1.04 Release 00 to V.1.06 Release 00.
In addition, this product includes a sample program allowing you to check operation easily on the CPU board contained in Renesas Starter Kit+ for SH7216 (R0K572167S000BE).
For an overview of the M3S-T4-Tiny, visit our Web site at:
https://www.renesas.com/mw/t4

1. Descriptions of Revision

The main items of the revision are as follows:

(1) The UDP broadcast function has been added.
   - A UDP broadcast packet can be sent to all terminals in the local
     area network by using an argument of udp_snd_dat() for an API
     to send UDP and specifying one of the following examples of
     IP addresses:
       255.255.255.255
       192.168.0.255 (Subnet Mask 255.255.255.0)
       192.168.1.255 (Subnet Mask 255.255.254.0)

   - By using udp_rcv_dat() for an API to receive UDP, a UDP broadcast
     packet can be received.

(2) The following explanations have been added to the application note.
   - How to check operation of a sample program
   - How to connect the CPU board included in Renesas Starter Kits
     to the PC and the setting methods
   - Information on packet monitoring or hubs in use helpful for
     software development

(3) The problems have been fixed.
   For details, refer to the Software update information in the
   following application note:

"SH-2A TCP/IP for Embedded system M3S-T4-Tiny: Introduction Guide"
This application note can be downloaded from the following web site:
https://www.renesas.com/mw/t4_app_notes
This application note will be updated on April 7, 2014.

2. Updating or Ordering

Online updating is unavailable.
For information about how to update your product to the latest one,
contact your local Renesas Electronics marketing office or distributor.

When you place an order for the product, contact the above
and let them know the following product type and type name:
Product type: TCP/IP Protocol Stacks M3S-T4-Tiny for the SH-2A
Type name: R0M02A0PT0020RRC
For the prices of the product, also contact the above marketing office
or distributor.

3. Obtaining Evaluation Version

We provide the try-before-you-buy evaluation version.
To obtain the evaluation version of the M3S-T4-Tiny for the SH-2A,
follow these steps:
(1) Go to the following web page:
https://www.renesas.com/mw/t4_app_notes
You can see the list of titles of Application Notes.
(2) In the list, search for the following application note:
"SH-2A TCP/IP for Embedded system M3S-T4-Tiny: Introduction Guide"
This application note will be updated on April 7, 2014.
(3) Click the hyperlink in the Project Files column to the right of
the above title.
(4) Read through AGREEMENT that appears; then click Agree.
(5) From the Download page, download the product.