

RENESAS TOOL NEWS on October 1, 2007: 071001/tn2

The Real-Time OS--HI7200/MP V.1.00 Release 01-- for the SH2A-DUAL MCU, SuperH Family Released

We have released the real-time OS HI7200/MP V.1.00 Release 01, which is used for the SH2A-DUAL MCU, SuperH family.

1. Features

HI7200/MP is a real-time OS designed for the SH2A-DUAL multi-cored MCU. The SH2A-DUAL is equipped with two SH2A-FPUs, high-performance CPU cores for real-time systems, on which the kernels conforming to uITRON 4.0 operate, and the user is able to distribute the functions of an application over the two kernels.

Because the specifications of the kernels are upward compatible with that of the HI7000/4 real-time OS, every application running on HI7000/4 can easily be ported to your system designed with HI7200/MP.

To facilitate this function distribution, HI7200/MP supports the following capabilities:

(1) Remote Service Call

Service calls are made to the kernel on the other core by using service call APIs running on HI7000/4.

(2) Remote Procedure Call (RPC)

This makes the other core perform functions.

For details of HI7200/MP, see the Web site at

http://www.renesas.com/hi7200_mp

This site will be opened from October 4 on.

2. How to Purchase the Product

If you place an order for the product, please supply the following items of information to your local Renesas Technology sales office or distributor (for the price of the product, also contact them):

Product	
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Type:	HI7200/MP
Type Name:	R0R50720MXW01w
Version No.:	V.1.00
Release No.:	Release 01
Host OS:	Windows XP or Windows 2000

NOTICE:

Lower-case letter w in the Type Name denotes the type of license. It shall be replaced with any of the following numerals or letters according to the type of license you want:

1	License for evaluation; a real-time OS can be installed only to one host computer.
5	License for evaluation; a real-time OS can be installed up to 5 host computers.
A	License for evaluation; a real-time OS can be installed up to 10 host computers.
K	Mass-production license; a real-time OS can be embedded up to a total of 1,000 productions of product model(s) with the source code not disclosed.
U	Mass-production license; a real-time OS can be embedded up to unlimited productions of product model(s) with the source code not disclosed.
Z	Mass-production license; a real-time OS can be embedded up to unlimited productions of product model(s) with the source code disclosed.

Example:

For mass-production license up to a total of 1,000 productions with the source code not disclosed, the lower-case letter is K.

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