

RENESAS TOOL NEWS on Oct 1, 2008: 081001/tn7

## The SH7785-MCU-Mounted Platform for the SuperH Linux System R0P7785LC0011RL Released

We have released the platform for the SuperH Linux system R0P7785LC0011RL, on which the MCU (SH-4A-cored) of the SH7785 group, SH7780 series, SuperH RISC engine family is mounted.

SuperH Linux is our name of the Linux system running on any MCU of the SuperH RISC engine family.

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### 1. Outline of the Product

The R0P7785LC0011RL is the MCU board on which the MCU of the SH7785 group is mounted and suitable for developing systems designed with the SH7785 MCU.

It supports two-dimensional display, the USB2.0 (Host) interface, and others using the peripheral LSIs connected to the SH bus; and SATA, Gbit-LAN, and so on using the controller connected to the on-chip PCI bus of the SH7785 MCU.

In the R0P7785LC0011RL, the standard capacity of NOR Flash memory is 64 MB, and the maximum of DDR2-SDRAM is 512 MB.

If the 29-bit mode is used in the settings of the 32-bit address expansion mode, the effective capacity of DDR2-SDRAM will be reduced to 128 MB.

### 2. The Contents of the Product Package

The R0P7785LC0011RL consists of the following:

- (1) An R0P7785LC0011RL MCU board
- (2) A NOR Flash memory board dedicated to the MCU board
- (3) A board for connecting the MCU board to the emulator
- (4) A cable for the SATA power supply
- (5) An AC adaptor
- (6) A CD-R (containing a user's manual, a circuit diagram, and a sample

program of the boot loader)

### **3. How to Purchase the Product**

When you place an order for the product, supply the following items of information to your local Renesas Technology sales office or distributor:

Product Type: R0P7785LC0011RL

Type Name: As above

For the price of the product, also contact the above sales office or distributor.

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