

RENESAS TOOL NEWS on December 1, 2007: 071216/tn9

## The E10A-USB On-Chip Debugging Emulator for the SH7205 and SH7265 MCU Groups --HS0005KCU04H--Released

The E10A-USB on-chip debugging emulator HS0005KCU04H has been released. This emulator emulates systems designed with MCUs of the SH7205 and SH7265 groups, SH7200 series, SuperH RISC engine family and is going to support Renesas's multi-cored MCUs that will be introduced on the market.\*

\*Here multi-cored MCUs mean those on which dual SH-2A or SH-4A CPU cores are mounted.

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### 1. Outline of the Product

The E10A-USB on-chip debugging emulator HS0005KCU04H is capable of debugging dual SH-2A or SH-4A cores mounted on an MCU synchronously.

Its features are as follows:

- Invokes the debugger and opens its window for each core.
- Controls execution on two cores synchronously.
- Halts and restarts programs at break points simultaneously in two cores.
- Sets break points sequentially core to core.
- Acquires and displays trace information for each core.
- Acquires trace information only on the specified core.
- Acquires time stamps from a common clock/calendar circuit.
- measures the number of occurrences and cycles of events for each core.

For further information, see the product's datasheets on the Web site.

The above URL is that of our global site (in English).

### 2. Contents of the Product Package

- (1) An E10A-USB emulator for multi-cored MCUs (supporting the H-UDI interface and the AUD trace capabilities)

- (2) A 14-pin cable (connecting the emulator to the H-UDI terminal)
- (3) A 38-pin cable (connecting the H-UDI terminal to the AUD terminal)
- (4) A USB cable (1.5 m long)
- (5) An E10A-USB Emulator Software product for multi-cored MCUs  
(High-performance Embedded Workshop included)

### 3. How to Purchase the Product

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

Product Type:	E10A-USB
Type Name:	HS0005KCU04H

For the price of the product, also contact the above.

### 4. Notice

The E10A-USB emulators HS0005KCU01H and HS0005KCU02H cannot be used for developing systems designed with MCUs of the SH7205 and SH7265 groups.

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