

RENESAS TOOL NEWS on December 16, 2012: 121216/tn13

## SHA Hash Function Library for the RL78 Family V.1.00 Release 00 Published

We have published the SHA Hash Function Library for the RL78 Family V.1.00 Release 00, which we supply free-of-charge.

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### 1. Overview of the SHA Hash Function Library

The SHA Hash Function Library is a unified SHA1 and SHA256 hash functions. Because the product is assembler-tuned for Renesas MCUs, it can perform operation more efficiently than ordinary SHA hash libraries.

### 2. Supported MCUs

The MCUs of RL78 family are supported.

### 3. Obtaining the Product

To obtain the product, follow these steps:

(1) Go to the following Web page:

<https://www.renesas.com/products/software-tools/software-os-middleware-driver/security-software/crypto-library.html#sampleCodes>

You see the list of titles of Application Notes.

The above URL is one of our global sites.

(2) In the list, search for the application note of the product.

Its name is:

"RL78 Family M3S-SHA-LIB: SHA-1/SHA-256 Library Introduction Guide"

(3) Click the hyperlink to Sample Program next to the application note.

(4) Read through AGREEMENT that appears; then click Agree.

(5) The product can be downloaded.

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