RENESAS Tool News

Original File System Library
M3S-TFS-Tiny Published

We have published original file system library M3S-TFS-Tiny. Its version number starts from V.1.01 Release 00. We supply the product free of charge.

1. Outline of the Product

M3S-TFS-Tiny is a memory-saving type of original file system library.
It supports your requirements about developing systems designed with MCUs
of the R8C family, the H8/300H Tiny series, and the M16C/Tiny series.
It also allows you to save measurement and history data, for example, and
to reprogram on-chip ROM via memory cards.
Though M3S-TFS-Tiny is an original system optimized to its support MCUs,
it comes with a wrapping function for maintaining compatibility with
the FAT file system and can exchange data with the host PC. So it enables
you to manage and analyze data by using applications on your PC.
For the overview of M3S-TFS-Tiny, go to:
http://www.renesas.com/mw/tfs

2. Features of the Product

Key features of M3S-TFs-Tiny are as follows:
- Compactly designed for embedded systems.
- Can be built in on-chip ROM.
- Consumes about 8.9 Kilobytes of ROM and about 300 bytes of RAM
  (in the R8C family, for example).
- Requires no OSes.
- Configures file systems in an original format.
- Provides a wrapping function for maintaining compatibility with
  the FAT file system.
- Includes sample programs built in the workspace of High-performance
  Embedded Workshop.
- Supports directory structures and arbitrary file names (only in the
  advanced, function-extended version, which is under development).

3. How to Obtain the Product

To obtain the product, follow these steps:

(1) Click "Application Notes and Sample code" on the left side of the product page of M3S-TFS-Tiny in the Web site at:

http://www.renesas.com/mw/tfs

The above URL is one of our global sites.

(2) If you accept the terms of the license agreement, proceed to download the product.

The above Web site will be opened from November 20.