RENESAS Tool News

The Device File Updater Specific to the C Compiler Package
for the M16C Series and R8C Family of MCUs (M3T-NC30WA)
Revised to V.1.06

We have revised the device file updater specific to the C compiler package for the M16C series and R8C family (M3T-NC30WA) from V.1.05 to V.1.06. For an overview of device file updaters, see:

  https://www.renesas.com/dfu

The above URL is one of our global sites.

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1. Supporting C Compiler and Its Versions
The C compiler package for the M16C series and R8C family (M3T-NC30WA)
V.5.42 Release 00 and later

Note, however, that to install Device File Updater V.1.06 in your PC,
you must install the V.5.45 Release 00 or later product of the above
compiler package in advance.

2. Descriptions of Revision
The following CPUs have been added to the CPU Type list:
  - M16C/5L, M16C/56, M16C/5M, and M16C/57 (M16C/50 series)
And the sfr files of the following CPUs have been updated:
  - M16C/56D and M16C/5LD (M16C/50 series)

The following SFR files have been updated:
- The _TB2SC register name modifier has been deleted from the
  identifier of bits PWCON, IVPCR1, TB0EN, TB1EN, and TB2SEL (b0 to
  b4 in the TB2SC register).
- The _ADTRGCON register name modifier has been deleted from the
  identifier of bits HDTRG0 and HDTRG1 (b2 and b3 in the ADTRGCON
  register).

- The _ADCON2 register name modifier has been deleted from the
  identifier of bits ADGSEL0, ADGSEL1, and CKS2 (b1, b2, and b4 in
  the ADCON2 register).
- The _ADCON0 register name modifier has been deleted from the
  identifier of bits CH0, CH1, CH2, MD0, MD1, TRG, ADST, and CKS0
  (b0 to b7 in the ADCON0 register).
- The _ADCON1 register name modifier has been deleted from the
  identifier of bits SCAN0, SCAN1, SCAN1, and ADSTBY (b0, b1, b4,
  and b5 in the ADCON1 register).
- The _C0CLKR register name modifier has been added to the CCLKS bit
  (b0 in the C0CLKR register). The new identifier is CCLKS_C0CLKR.

3. How to Obtain the Revised Product

Download the device file updater V.1.06 specific to the C compiler
package for the M16C series, and R8C family (M3T-NC30WA) from

  https://www.renesas.com/dfu_download
and then install it. This Web site will be opened from October 20.
The above URL is one of our global sites.