

[Upgrade to revision]

R20TS0131EJ0100

Rev.1.00

Feb. 1, 2017

C Source Code Converters,
CcnvCA78K0R, CcnvCA78K0, CcnvNC30

Outline

The C source code converters in the title were revised and their version numbers were changed as follows.

- (1) CcnvCA78K0R: V1.00.01 to V1.00.02
- (2) CcnvCA78K0: V1.00.00 to V1.00.01
- (3) CcnvNC30: V1.00.00 to V1.00.01

1. What Is C Source Code Converter?

C source code converter CcnvCA78K0R is software to convert C source files for C compiler CA78K0R (CC78K0R) for the RL78 family and 78K0R to ones for RL78 family compiler CC-RL; C source code converter CcnvCA78K0 to convert C source files for C compiler CA78K0 (CC78K0) for 78K0 to ones for RL78 family compiler CC-RL; and C source code converter CcnvNC30 to convert the C source files for C compiler NC30 for the M16C series and the R8C family to ones for RL78 family compiler CC-RL.

By using the C source code converter, existing C source files can be reused to save time to create C source files for the CC-RL compiler.

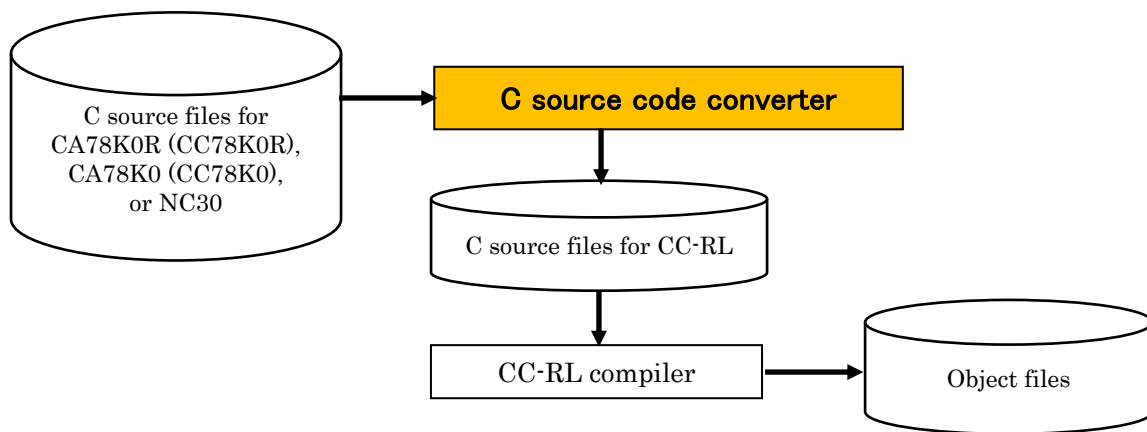
Run the C source code converter from the command line.

Example of execution:

```
> CcnvCA78K0R sample.c -o=output.c
```

CcnvCA78K0R: CcnvCA78K0R execution command
 sample.c: Name of input file
 output.c: Name of generated file

When C source files for CA78K0R(CC78K0R), CA78K0(CC78K0), or NC30 are input, each C source code converter converts extended specifications for each compiler into extended specifications for CC-RL. The converter then outputs C source files for CC-RL.



Notes

- Device-dependent statements such as assembler instructions and those related to the memory map or SFRs cannot be converted.
- Before using a program which is converted by one of the C source code converters, make sure to verify the operation.

Refer to the following Web page for the details about the C source code converters.

https://www.renesas.com/convert_cc_compiler

2. Products and Versions to Be Updated

- CcnvCA78K0R V1.00.00 to V1.00.01
- CcnvCA78K0 V1.00.00
- CcnvNC30 V1.00.00

3. Items Revised

The major revision points are as follows.

3.1 Improvement in Specification of List File

Multi-byte characters can be used to specify a path to a list file.

3.2 Modification of the Introductory Comment of an Output File (Only for CcnvNC30)

The introductory comment of an output file was modified.

Before modification

```
/* CcnvNC30 C Source Converter Vx.xx.xx.xx [dd Mmm yyyy] */
```

After modification

```
/* NC30 C Source Converter Vx.xx.xx.xx [dd Mmm yyyy] */
```

x.xx.xx.xx denotes the version number, and dd Mmm yyyy denotes the date, month, and year.

3.3 Modification of the Conversion Result Output Form (Only for CcnvNC30)

The first line of the conversion result output form was modified.

Before modification

```
CcnvNC30 C Source Converter Vx.xx.xx.xx [dd Mmm yyyy]
```

After modification

```
NC30 C Source Converter Vx.xx.xx.xx [dd Mmm yyyy]
```

x.xx.xx.xx denotes the version number, and dd Mmm yyyy denotes the date, month, and year.

4. Obtaining the Converters

Obtain the converters from the URL below.

<https://www.renesas.com/convert-cc-compiler>

- Downloadable executable file for CcnvCA78K0R: CcnvCA78K0R.exe
- Downloadable executable file for CcnvCA78K0: CcnvCA78K0.exe
- Downloadable executable file for CcnvNC30: CcnvNC30.exe

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Feb. 1, 2017	-	First edition issued

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