

To our customers,

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Renesas Electronics website: <http://www.renesas.com>

April 1st, 2010
Renesas Electronics Corporation

Issued by: Renesas Electronics Corporation (<http://www.renesas.com>)

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Renesas Technology Corp.
Customer Support Dept.
April 1, 2003

M16C/80 Series

Converting from Lowercase Alphabet to Uppercase Alphabet

1.0 Abstract

This program converts a lowercase English alphabet in ASCII code into an uppercase English alphabet in ASCII code.

2.0 Introduction

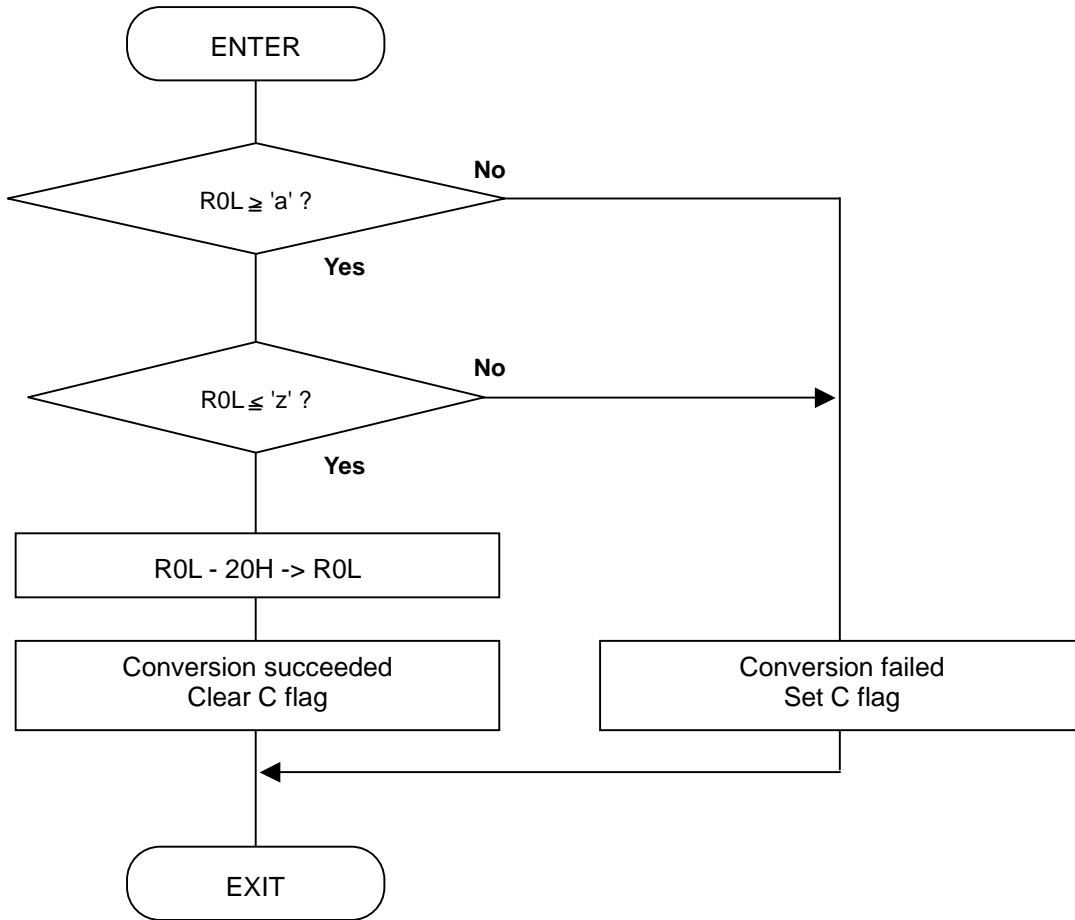
This program converts a lowercase English alphabet in ASCII code into an uppercase English alphabet in ASCII code. Set the lowercase English alphabet in ASCII code in R0L. The converted uppercase English alphabet in ASCII code is output to R0L. Conversion information is output to the C flag.

C	Meaning
0	Lowercase alphabet converted into uppercase alphabet
1	No converted because inconvertible code was input

Subroutine name : TOUPPER	ROM capacity : 16 bytes
Interrupt during execution:Accepted	Number of stacks used : None

Register/memory	Input	Output	Usage condition
R0L	Lowercase alphabet (ASCII)	Uppercase alphabet (ASCII)	←
R0H	-	-	Unused
R1	-	-	Unused
R2	-	-	Unused
R3	-	-	Unused
A0	-	-	Unused
A1	-	-	Unused
C flag	-	Conversion information	←
Usage precautions			

3.0 Flowchart



5.0 Reference

MCU Technical Information Homepage

<http://www.infocom.maec.co.jp/indexe.htm>

(or <http://www.mdece.com/> , <http://www.mitsubishichips.com/products/mcu/index.html> or your local Web Site.)

Technical Support

E-mail: support@apl.maec.co.jp

(or your local support E-mail address. A private e-mail address should NOT be used.)

Data Sheet

M16C/80 group

(Use the latest version on the Homepage: <http://www.infocom.maec.co.jp/indexe.htm>)

User's Manual

M16C/80 group

(Use the latest version on the Homepage: <http://www.infocom.maec.co.jp/indexe.htm>)

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