To our customers,

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Old Company Name in Catalogs and Other Documents

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

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April 1\textsuperscript{st}, 2010
Renesas Electronics Corporation

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M16C/60 Series and M16C/20 Series
General-purpose Program for Special Page Jump

1. Abstract

This program is an example for using a special page jump.

2. Introduction

Control jumps to an address that is set in one of the special page vector tables (in 2 bytes each) plus F000H. The area within which control can jump is from address F000H to address FFFFFFFH. The special page vector tables are located in an area ranging from address FFE00H to address FFFDBH. The special page number at address FFE00H is 255 and that at address FFFDAH is 18. A label can be used in place of a special page number. Shown in this program are an example where labels are used for special page numbers 255 and 18 and an example where a special page number (254) is used directly.
3. The example of a reference program

```assembly
VromTOP .EQU 0F0000H ; Declares start address of ROM

;==============================================
; Title : Special page jump
; Outline : Description example of special page jump
; Input : ------------------------------> Output:
; R0 ( ) R0 ( )
; R1 ( ) R1 ( )
; R2 ( ) R2 ( )
; R3 ( ) R3 ( )
; A0 ( ) A0 ( )
; A1 ( ) A1 ( )
; Stack amount used: None
;==============================================

.MAIN:
Jmps $SUB1 ; Jumps to LABEL_1
Jmps #254 ; Jumps to LABEL_2
Jmps $SUB238 ; Jumps to LABEL_238

;(Here is your program.)

LABEL_1:
;(Here is your program.)

LABEL_2:
;(Here is your program.)

LABEL_238:
;(Here is your program.)

;==============================================
; SPECIAL,ROMDATA
.ORG 0FFE00H ; Special page area
;==============================================

SUB1: .WORD LABEL_1&0FFFFH ; Special page number 255
       .WORD LABEL_2&0FFFFH ; Special page number 254
       .ORG 0FFFD0H
SUB238: .WORD LABEL_238&0FFFFH ; Special page number 18
```

...(Here is your program.)
4. Reference

SOFTWARE MANUAL
M16C/60 M16C/20 Series SOFTWARE MANUAL
(Acquire the most current version from Renesas web-site)

5. Web-site and contact for support

Renesas Web-site
http://www.renesas.com

Contact for Renesas technical support
Mail to: support_apl@renesas.com
## REVISION HISTORY

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<th>Rev.</th>
<th>Date</th>
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<td>1.00</td>
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