How to Use This Manual

* **[Readers]**

This manual is intended for engineers who develop products which use the R-Car H3/M3/M3N/E3/D3/V3U/V3H processor.

* **[Purpose]**

This manual is intended to give users an understanding of the functions of the R-Car H3/M3/M3N/E3/D3/V3U/V3H processor device driver and to serve as a reference for developing hardware and software for systems that use this driver.

* **[How to Read This Manual]**

It is assumed that the readers of this manual have general knowledge in the fields of electrical

* engineering, logic circuits, microcontrollers, and Linux.

→ Read this manual in the order of the CONTENTS.

* To understand the functions of a multimedia processor for R-Car H3/M3/M3N/E3/D3/V3U/V3H

→ See the R-Car H3/M3/M3N/E3/D3/V3U/V3H User’s Manual.

* To know the electrical specifications of the multimedia processor for R-Car H3/M3/M3N/E3/D3/V3U/V3H

→ See the R-Car H3/M3/M3N/E3/D3/V3U/V3H Data Sheet.

* **[Conventions]**

The following symbols are used in this manual.

**Data significance**: Higher digits on the left and lower digits on the right

**Note**: Footnote for item marked with Note in the text

**Caution**: Information requiring particular attention

**Remark**: Supplementary information

**Numeric representation**: Binary ... ××××, 0b××××, or ××××B

Decimal ... ××××

Hexadecimal ... 0x×××× or ××××H

**Data type**: Double word … 64 bits

Word … 32 bits

Half word ... 16 bits

Byte ... 8 bits