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 / V3M 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 / V3M 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 / V3M

  → See the R-Car H3 / M3 / M3N / E3 / D3 / V3U / V3H / V3M User's Manual.

  — To know the electrical specifications of the multimedia processor for R-Car H3 / M3 / M3N / E3 / D3 / V3U / V3H / V3M

  → See the R-Car H3 / M3 / M3N / E3 / D3 / V3U / V3H / V3M 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