

CONFIDENTIAL

How to Use This Manual

- **[Readers]**

This manual is intended for engineers who want to automate the development on R-Car M3/H3/V3M/V3H Starter Kit and V3U Falcon board.

- **[Purpose]**

This manual is intended to give users an understanding of the functions of the CPLD control tool and to serve as a reference for developing other automation systems later.

- **[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 know the electrical specifications of R-Car M3/H3/V3M/V3H Starter Kit and V3U Falcon.

→ See the R-Car M3/H3/V3M/V3H Starter Kit and V3U Falcon Schematic and Hardware Manual.

- **[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 ... xxxx, 0bxxxx, or xxxxB

Decimal ... xxxx

Hexadecimal ... 0xxxxx or xxxxH

Data type: Double word ... 64 bits

Word ... 32 bits

Half word ... 16 bits

Byte ... 8 bits