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Linux Interface Specification Device Driver V4L2/VSPM

Release Note: Software

R-Car H3/M3/M3N/E3 Series

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How to Use This Manual

- **[Readers]**

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

- **[Purpose]**

This manual is intended to give users an understanding of the functions of the R-Car H3 / M3 / M3N / E3 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

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

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

→ See the R-Car H3 / M3 / M3N / E3 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 ... 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

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1. Overview

This is a release note for Linux Interface Specification Device Driver V4L2/VSPM of Yocto Recipe Package v5.9.0 release or later. This document explains the following items.

Restriction

- 1) Known issues
- 2) Workaround
- 3) Closed issues
- 4) Known functional limitations of delivered functions
- 5) Non-validated function

Linux Interface Specification Device Driver Renesas V4L2/VSPM/VSPM Error! Use the Home tab to apply
見出し 1 to the text that you want to appear here.. Error! Use the Home tab to apply 見出し 1 to the
text that you want to appear here.

2. Restriction

2.1 Known issues

None

2.2 Workaround

None

2.3 Closed issues

None

2.4 Known functional limitations of delivered functions

None

2.5 Non-validated function

None

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REVISION HISTORY			Linux Interface Specification Device Driver V4L2/VSPM Release Note: Software
Rev.	Date	Description	
		Page	Summary
3.4.0	Jan 29, 2018	—	New version
3.6.0	Mar 28, 2018	-	Add R-Car E3 support
3.13.0	Oct 29, 2018	1	Change yocto version
3.15.0	Dec 25, 2018	1	Change yocto version
		-	Update address list
3.19.0	Apr 17, 2019	1	Change yocto version
		-	Update address list
5.1.0	Apr 21, 2021	1	Change yocto version
		-	Update address list
5.9.0	Dec 10, 2021	1	Change yocto version
5.10.0	Dec 25, 2023	1	Change yocto version

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