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| REVISION HISTORY | Linux Interface Specification Device Driver Thermal Sensor  User’s Manual: Software |

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| Rev. | Date | Description | |
| Page | Summary |
| 0.1 | Nov. 20, 2015 | ⎯ | New creation. |
| 0.2 | Mar. 18, 2016 | 1 | - Add restriction for interrupt mode.  - Add temperature range to function description. |
| 6 | - Change Thermal threshold.  - Clarify the description for changing thermal threshold. |
| 7 | - Default mode for Thermal sensor driver is changed from Polling to Interrupt.  - Clarify the description for Interrupt/Polling mode switching. |
| 8 | - New directory structure of Thermal sensor driver for R-Car H3.  - Update Figure 5-2 Kernel Configuration. |
| 0.3 | Apr. 15, 2016 | All | - Add R-Car M3 support.  - Improve paragraph description. |
| 8 | - Add new device tree source file for R-Car M3. |
| 0.4 | Aug. 12, 2016 | 1 | - Remove restriction for interrupt mode.  - Update R-Car Series, 3rd Generation User’s Manual: Hardware to Rev 0.52. |
| 6 | - Add "sustainable-power" property in sample thermal configuration. |
| 7 | - Add "sustainable-power" property in sample thermal configuration in device tree. |
| 8 | - Update Figure 5-2 Kernel Configuration. |
| 0.5 | Dec. 16, 2016 | 3 | - Table 3-1: Add hardware specification for M3. |
| 8 | - Figure 5-1: Add r8a7795-es1.dtsi: H3 ES1.x device file |
| 8 | - Figure 5-2: Update kernel configuration. |
| 0.6 | Mar. 15, 2017 | 1 | - Table 1-1. Add R-Car Series, 3rd Generation LSI hardware manual Rev0.53 and R-CarH3-SiP/M3-SiP System Evaluation Board Salvator-XS Hardware Manual Rev2.00. |
| 3 | - Table 3-1. Add R-CarH3-SiP/M3-SiP System Evaluation Board Salvator-XS |
| 8 | - Figure 5-1: Use 'WS' instead of 'ES' in file name description. |
| 0.7 | Jun. 14, 2017 | 1 | - Table 1-1: Change HWM version from “Rev.0.53 Dec.31,2016” to “Rev.0.54 Apr.14, 2017.” |
| 8 | - Figure 5-1: Change H3 WS1.1 to H3 Ver.1.1 and H3 WS2.0 to H3 Ver.2.0. |
| 1.00 | Aug. 8, 2017 | All | -Update document format |
| 1.01 | Oct. 24, 2017 | All | - Add support for M3N (change M3 to M3/M3N.) |
| 8 | - Figure 5-1: Add file directory for M3N. |
| 1.50 | Jan. 29, 2018 | All | Notice: use version 2017 |
| All | Address list: use version 2018 |
| 1 | Table 1-1: Remove reference “R-Car Series, 3rd Generation User’s Manual: Hardware - Rev.0.51”. |
| 6-7 | * Figure 4-1, Figure 4-2:   Change: "thermal-sensors = <&tsc1>;" -> to "thermal-sensors = <&tsc 0>;" |
| 1.51 | Mar. 28, 2018 | All | * Add support for R-Car E3 in description. |
| 1 | * Table 1-1: Add “R-CarE3 System Evaluation Board Ebisu Hardware Manual RTP0RC77990SEB0010S” |
| 3 | * Table 3-1: Add “R-CarE3 System Evaluation Board Ebisu” |
| 4 | * Add footnote 1: “- On R-Car H3/M3/M3N, thermal module supports three channels (THS1/2/3) and three thermal zones. And on R-Car E3, thermal module supports only one channel (THS1) and one thermal zone.” * Figure 3-1: Revise ““X” can be 0, 1, 2 corresponding to THS 1, 2, 3 respectively on H3/M3/M3N; and can be 0 corresponding to THS 1 on E3. (1)” |
| 6-7 | * Add reference to footnote 1 in description of Chapter 4.1, 4.2, 4.3. |
| 8 | * Figure 5-1: Add support for r8a77990 and update the format of description. |
| 1.52 | Jun. 27, 2018 |  | * Change Gen3 to R-Car Series, 3rd Generation |
| 1.53 | Sep. 26, 2018 | 1 | Table 1-1: Change version of R-Car Series, 3rd Generation User’s Manual: Hardware from Rev.0.80 : Oct. 31, 2017 to Rev.1.00 : Apr. 30, 2018 |

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| 2.00 | Dec. 25, 2018 | - | * Update AddressList |
| 1 | * Table 1-3: Change Salvator-XS board information as:   ･R-CarH3-SiP/M3-SiP/M3N-SiP System Evaluation Board Salvator-XS Hardware Manual  ･Rev.2.04  ･Jul. 17, 2018  ・R-CarH3-SiP System Evaluation Board  Salvator-X Hardware Manual  RTP0RC7795SIPB0011S  ・Rev.1.09  ・May. 11, 2017  R-CarM3-SiP System Evaluation Board  Salvator-X Hardware Manual  RTP0RC7796SIPB0011S  ・Rev.0.04  ・Oct. 3, 2016  R-CarE3 System Evaluation Board Ebisu Hardware Manual  RTP0RC77990SEB0010S  ・Rev.0.03  ・Apr. 11, 2018 |
| 3 | * Table 3-1:   + Change Salvator-XS board name as “R-CarH3-SiP/M3-SiP/M3N-SiP System Evaluation Board Salvator-XS”  + Append Ebisu-4D board to Ebisu board type as below:  R-CarE3 System Evaluation Board Ebisu  R-CarE3 System Evaluation Board Ebisu-4D |
| 2.01 | Apr. 17, 2019 | 2 | - Update Related documents |
| - | - Update Address List |
| 2.02 | Jun. 24, 2020 | 1 | Update Related documents  + Change revision of R-Car Series, 3rd Generation HWM from ‘Rev.1.50’ to ‘Rev.2.00’ |
| - | Update Address List |
| 7 | 4.3 Setting for Interrupt or Polling Mode  + This setting is available for H3/M3/M3N only |
| 8 | 5. Integration  + Add SW directory for R-Car E3 source code  + Update kernel configuration for R-Car thermal driver support |
| 2.03 | Jan. 29, 2021 | All | - Add R-Car V3H v2.0 support. |
| 2.50 | Apr. 21, 2021 | - | - Add R-Car D3 support. |
| - | - Add Kernel v5.10 support. |
| 3.00 | Dec. 10, 2021 | - | - Add Kernel v5.10.41 support. |
| 3.1.0 | Dec. 25, 2023 | - | - Add Kernel v5.19.194 support for H3, M3, M3N, E3 |