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| REVISION HISTORY | Linux Interface Specification Device Driver I2C  User’s Manual: Software |

| Rev. | Date | Description | |
| --- | --- | --- | --- |
| Page | Summary |
| 0.1 | Nov. 20, 2015 | ⎯ | New creation. |
| 0.2 | Mar. 18, 2016 | 2 | Table 1.2 Connected device (R-Car H3)  Add Max SCL Clock Frequency. |
|  |  | 26 | 4.3 Structure  Modify the Linux version.(4.2 -> 4.4) |
|  |  | 31 | Add “5.3.1.1 DT” and “5.3.1.2 Multi-muster” section. |
|  |  | 31 | Figure 5.4 Example of setting I2C transfer speed (R-Car H3)  Modify the “clock-frequency” value of I2C2. (400000 -> 100000) |
| 0.3 | Apr, 15, 2016 | All | Add R-Car M3 support. |
|  |  | 3 | 1.3.2 Related Documents  Update related documents. |
|  |  | 31 | 5.3 Option Setting  Add R-Car M3 Device tree file(r8a7796.dtsi). |
| 0.4 | Aug.5.2016 | 1 | Add “1.2-1 Driver Function” section and Table 1.2.1. |
|  |  | 3 | Table 1.3-2 Related Documents  - H3 Document Update.  - Add M3 Document.  1.5 Notice  Delete “DMA Unsupport”. |
|  |  | 31 | 5.3.1.1 DT  The explanation of F[n] is corrected. |
| 0.5 | Dec. 16, 2016 | 31 | 5.3.1.1 DT  5.3.1.2 Multi-master  Change R-Car H3 device tree file name(r8a7795.dtsi, r8a7795-salvator-x.dts) |
| 0.6 | Mar. 15, 2017 | 2, 6 | 1.2.3 Connected Device  3.2 Module Configuration  Fix “H3/M3 Solution Board” to “H3-Sip/M3-Sip System Evaluation Board”. |
|  |  | 3 | 1.3.2 Related Documents  Add User’s Manual: Hardware Rev0.53. |
|  |  | 30 | Figure 5.1 Directory configuration (R-Car H3/M3)  File i2c.h has been abolished by rebasing the kernel. |
|  |  | 31 | 5.3.1.1 DT  5.3.1.2 Multi-master  Add R-Car H3 device tree file name(r8a7795.dtsi, r8a7795-salvator-x.dts, r8a7795-salvator-xs.dts) |
| 0.7 | Jun. 14, 2017 | 3 | Update User’s Manual: Hardware Rev0.53 to Rev0.54. |
| 1.00 | Aug. 8, 2017 | All | Update document format. |
| 1.01 | Oct. 24, 2017 | All | Add R-Car M3N support. |
|  |  | 1 | Table 1.2 1 Driver Function  Add notice for DMA function. |
|  |  | 3 | 1.5 Notice  Add Usage note for DMA mode of Receive Operation. |
|  |  | 31 | 5.3.1.2 Multi-master  Add R-Car M3 device tree file name(r8a7796-salvator-xs.dts) |
| 1.50 | Jan. 29, 2018 | 3 | Table 1.5 Related documents (R-Car H3/M3/M3N)  - Delete User’s Manual: Hardware Rev.0.51.  - Delete User’s Manual: Hardware Rev.0.55.  - Add User’s Manual: Hardware Rev.0.80. |
|  |  | 32 | 5.3.1 Module Parameters  Change the device tree file name. |
| 1.51 | Mar. 28, 2018 | All | Add R-Car E3 support. |
|  |  | 27-30 | Update I2C structure based on Linux kernel 4.14 |
| 1.52 | Oct. 22, 2018 | 3 | Table 1.5 Related documents (R-Car H3/M3/M3N/E3)  - Delete User’s Manual: Hardware Rev.0.80.  - Add User’s Manual: Hardware Rev.1.00. |
| 1.53 | Oct. 29, 2018 | 29 | Table 4.3 4 struct i2c\_driver (R-Car H3/M3/M3N/E3)  Fix Member Type. |
| 2.00 | Dec. 25, 2018 | 3 | Table 1.3-2 Related documents (R-Car H3/M3/M3N/E3)  - Updated board manual. |
|  |  | 6 | Table 3.1-1 Hardware specification (R-Car H3/M3/M3N/E3)  - Updated board name. |
|  |  | - | Update AddressList. |
| 2.01 | Mar. 11, 2019 | 3 | Table 1.3 2 Related documents (R-Car H3/M3/M3N/E3)  - Updated board manual. |
|  |  | 33, 34 | Add device tree of R-Car E3 Ver.1.0 |
|  |  | - | Update AddressList. |
| 2.50 | Apr. 24, 2020 | All | Add R-Car V3U support. |
|  |  | All | Update for based on Linux kernel 5.4 |
| 2.51 | Dec. 1, 2020 | 1 | Table 1.2-2 Transfer speed  Add fast mode plus for R-Car V3U |
|  |  | 3 | Table 1.2‑5 Connected device  Update connected device |
|  |  | 5 | Table 1.3 2 Related documents  Update reference manual |
|  |  | 11 | Figure 3-2 I2C Driver Module configuration (R-Car V3U)  Update module configuration (R-Car V3U) |
|  |  | 12 | Table 4.1-3 I2C device node (R-Car V3U)  Update device node information |
|  |  | 38 | Add Figure 5-5 Example of setting I2C transfer speed (R-Car V3U) |
| 2.52 | Jan. 29, 2021 | All | Add R-Car V3H support |
| 2.53 | Apr. 21, 2021 | All | Add R-Car D3 support |

| Rev. | Date | Description | |
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| Page | Summary |
| 3.00 | Dec. 10, 2021 | - | Add Kernel v5.10.41 support |
| 35 | Table 4.3-4 struct i2c\_driver  - Update to v5.10.41 |
| 3.1.0 | Dec. 25, 2023 | - | Add Kernel v5.19.194 support for H3, M3, M3N, E3 |