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REVISION HISTORY

Linux Interface Specification Device Driver MSIOF
User's Manual: Software

Rev.	Date		Description
		Page	Summary
0.1	Sep. 25, 2015	_	New creation.
		2	1.5 Restrictions DMA was supported.
0.2	Nov. 20, 2015	7	Figure 4.3 Kernel configuration (R-Car H3) Remove the DMA item.
		7	Notes: Remove.
0.3	Mar. 18, 2016	1	1.2 Function Usage of DMA. Table 1.1 Driver Function
		1	Add transfer size.
0.4	Apr. 15, 2016	All	Add R-Car M3 support.
		2	Table 1.5 Related document (R-Car H3/M3) Update related documents.
		6	4.2 Integration Procedure Add R-Car M3 Device tree file(r8a7796.dtsi).
0.5	Aug. 5, 2016	1	Table 1.1 Add "Module Clock", "The biggest transfer clock"
			Table 1.3-2 Related Documents
		2	- H3 Document Update.
		F 6	- Add M3 Document. Add "3.1 IPMMU Setting"
		5, 6	3.1 IPMMU Setting
0.6	Dec. 16, 2016	5, 7	4.2 Integration Procedure
0.0	Dec. 10, 2010	5, 7	Change R-Car H3 Device tree file name (r8a7795.dtsi, r8a7795-salvator-x.dts)
0.7	M 45 0047	1	1.3 Connected device
0.7	Mar. 15, 2017	l	Fix "R-Car H3/M3 System" to "R-Car H3-Sip/M3-Sip System"
		2	Table 1.5 Related document (R-Car H3/M3)
			- Add User's Manual: Hardware Rev.0.53. - Add Salvator-XS Hardware Manual Rev.2.00.
		3	Table 2.1 Hardware specification
			Add Evaluation Board Salvator-XS. 3.1 IPMMU Setting
			- Add R-Car H3 WS2.0 Device tree file(r8a7795.dtsi).
		5, 6	- Add hardware revision to the description of device tree file name (r8a7795-es1.dtsi,
			r8a7795-es1.dtsi) Change the Figure and description for Figure 3.1 and Figure 3.2
			4.2 Integration Procedure
			- Add R-Car H3 WS2.0 Device tree file(r8a7795-salvator-x.dts) Add Salvatore-XS Device tree file(r8a7795-salvator-xs.dts).
		8	- Add hardware revision to the description of device tree file name (r8a7795-salvator-
			x.dts, r8a7795-salvator-xs.dts, r8a7795-es1-salvator-x.dts) Change the Figure 4.2
0.8	Apr. 14, 2017	1	Table 1.1 Driver Function
		6	Add the biggest transfer clock for R-Car H3 WS2.0. 3.1 IPMMU Setting
			Add DMA channel to use for each channel. 1.2 Function
0.9	Jun. 14, 217	1, 5, 8	3.1 IPMMU Setting
0.9	Juli. 14, 217	1, 5, 8	4.2 Integration Procedure
		2	Change of version notation. Update User's Manual: Hardware Rev0.53 to Rev0.54.
1.00	Aug. 8, 2017	All	Update document format.
1.00	Aug. 0, 2017	7(11	opaate document format.

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Rev.	Date		Description
		Page	Summary
1.0.1	Oct. 24, 2-17	All	Add R-Car M3N support.
		8	4.2 Integration Procedure Add Salvatore-XS Device tree file(r8a7796-salvator-xs.dts).
1.50	Jan. 29, 2018	2	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.
		6	Delete 3.1 IPMMU Setting
		7	Add 4.2.1 Device tree setting
		10	Add 4.2.2 Add userspace interface
		11	Update 4.2.3 Kernel configuration
1.51	Mar. 28, 2018	All	Add R-Car E3 support.
		1,2	Table 1.1 Driver Function - Update "Module Clock ", "Max transfer frequency" 1.4 Related documents - Add "R-Car Series, 3rd Generation Additional Document for User's Manual: Hardware
		8	4.2.1 Device tree setting
			- Update "aliases " Figure 4 4 Clock setting
		9	- Update "clock-frequency"
1.52	Jun. 27, 2018	8	Notice Add notice for R-Car H3 Ver.3.0.
		8	4.2.1 Device tree setting - Update the target file.
1.53	Oct. 22, 2018	2	 1.4 Related documents - Delete User's Manual: Hardware Rev.0.80. - Delete "R-Car Series, 3rd Generation Additional Document for User's Manual: Hardware " - Add User's Manual: Hardware Rev.1.00.
2.00	Dec. 25, 2018	2	Table 1.5 Related documents (R-Car H3/M3/M3N/E3) - Updated board manual.
		4	Table 2.1 Hardware specification (R-Car H3/M3/M3N/E3) - Updated board name.
		-	Update AddressList.
2.01	Mar. 11, 2019	8, 11,12	Fix typo.
2.50	Apr. 24, 2020	All	Add R-Car V3U support
		All	Update for based on kernel v5.4
2.51	Dec. 1, 2020	2	Table 1.4 Update connected device
		3	Table 1.5 Related documents (R-Car H3/M3/M3N/E3/V3U) Fix Edition and Data of H/W manual for V3U/Falcon
		10	Figure 4-4 Pin Add pin setting for V3U falcon
2.52	Jan. 29, 2021	-	Add R-Car V3H v2.0 support.
2.53	Apr. 21, 2021	•	- Add R-Car D3 support. - Add Kernel v5.10 support
2.54	Aug. 16, 2021	10	Figure 4-4 Update Pin function setting for D3 Draak
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