CONFIDENTIAL

Table of Contents

1. Overv	/iew	1
1.1 Ov	verview	
1.2 Fu	nction	1
1.2.1	Supported pin	
1.2.2	Connected device	
1.3 Re	eference	4
1.3.1	Standard	4
1.3.2	Related document	4
1.4 Res	estrictions	4
2. Termi	inology	5
3. Opera	nting Environment	6
3.1 Ha	ardware Environment	6
3.2 Mo	odule Configuration	7
3.3 Sta	ate Transition Diagram	9
4. Extern	nal Interface	10
4.1 sys	sfs interface	10
4.2 Into	terface specification	
4.2.1	Setting GPIO pin	16
4.2.2	GPIO pin is set as input pin	16
4.2.3	GPIO pin is set as output pin	17
4.2.4	The state of GPIO pin get high or low	17
4.2.5	The state of GPIO pin is set as high or low	18
4.2.6	Get number of irq in GPIO pin	18
4.3 De	efinitions	19
4.3.1	Definitions of the GPIO Pins (R-Car H3/M3/M3N)	19
4.3.2	Definitions of the GPIO Pins (R-Car E3)	19
4.3.3	Definitions of the GPIO Pins (R-Car V3U)	19
4.3.4	Definitions of the GPIO Pins (R-Car V3H)	
4.3.5	Definitions of the GPIO Pins (R-Car D3)	20
4.3.6	Get definitions of the GPIO Pins	20
5. Integra	ration	21
5.1 Dir	rectory Configuration	21
5.2 Into	tegration Procedure	21
5.2.1	Kernel configuration	21
5.3 Op	otion Setting	21
5.3.1	Module parameters	21
5.3.2	Kernel parameters	