# **RENESAS TECHNICAL UPDATE**

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Product Category	System LSI	Document No.	TN-SH7-A0924A/E	Rev.	1.00	
Title	Usage Notes for SH7786 Secondary Cache	Information Category	Technical Notification			
Applicable Product	SH7786 Group	Lot No. All Lots	Reference Document	SH7786 Group User's Manual: Hardware Rev.1.00 November 30, 2010 (REJ09B0501-0100)		.00

## [Summary]

Addition of Usage Notes for "SH7786 Group User's Manual: Hardware Rev.1.00".

## [Priority level]

Importance: "Normal"

Urgency: "Normal"

#### [Web publication]

N/A (for specific users only)





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[Correction]

1. A.5.4 Usage Notes, Page 1979

Current (from):

None



Correction (to):

# A.5.4 Usage Notes

## (1) L2 Cache control

Table A.12 below shows operational conditions of register setting and address restrictions of Operand and Instruction about L2

Cache control. The combination in Table A.12 should be followed so that L2 Cache can operate properly.

No	Used number of CPU	CPU0		CPU1		CPU0	CPU1	
		L2OE	L2IE	L2OE	L2IE	Address restriction of Operand and Instruction		
1	2	0	0	0	0	x	x	
2		0	0	0	1	x	x	
3		0	0	1	0	x	Figure A.13(1)	
4		0	0	1	1	x	Figure A.13(1)	
5		0	1	0	0	x	x	
6		0	1	0	1	Figure A.13(2) Figure A.13(2) Figure A.13(2)		
7		0	1	1	0			
8		0	1	1	1			
9		1	0	0	0	Figure A.13(1)	х	
10		1	0	0	1	Figure A.13(2)		
11		1	0	1	0	x	x	
12		1	0	1	1	Figure A.13(2)		
13		1	1	0	0	Figure A.13(1)	x	
14		1	1	0	1	Figure A.13(2) Figure A.13(2) Figure A.13(2)		
15		1	1	1	0			
16		1	1	1	1			
17	1	0	0	-	-	x	-	
18		0	1	-	-	x	-	
19		1	0	-	-	x	-	
20		1	1	-	-	Figure A.13(1)	-	
21		-	-	0	0	-	x	
22		-	-	0	1	-	x	
23		-	-	1	0	-	x	
24		-	-	1	1	-	Figure A.13(1)	

Table A.12 Operational conditions of L2 Cache control

x: Don't care

-: Excluded



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