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RENESAS TECHNICAL UPDATE

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Product Category	System LSI		Document No.	TN-SH7-A0925A/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)		

[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)

“This is empty adjustment page to compare next Current (from) and Correction (to) on facing page. “

(By using two pages view of PDF readers this enables previously and prospectively view on odd and even pages.)

[Correction]

1. A.5.4 Usage Notes, Page 1979

Current (from):

None

Correction (to):

(2) Note on Write to Memory-mapped OC address array or instruction OCBP

When the conditions in Figure A.14 are all satisfied, performance may decline due to L2 cache miss.

If there is a flow of “No”, there is no problem.

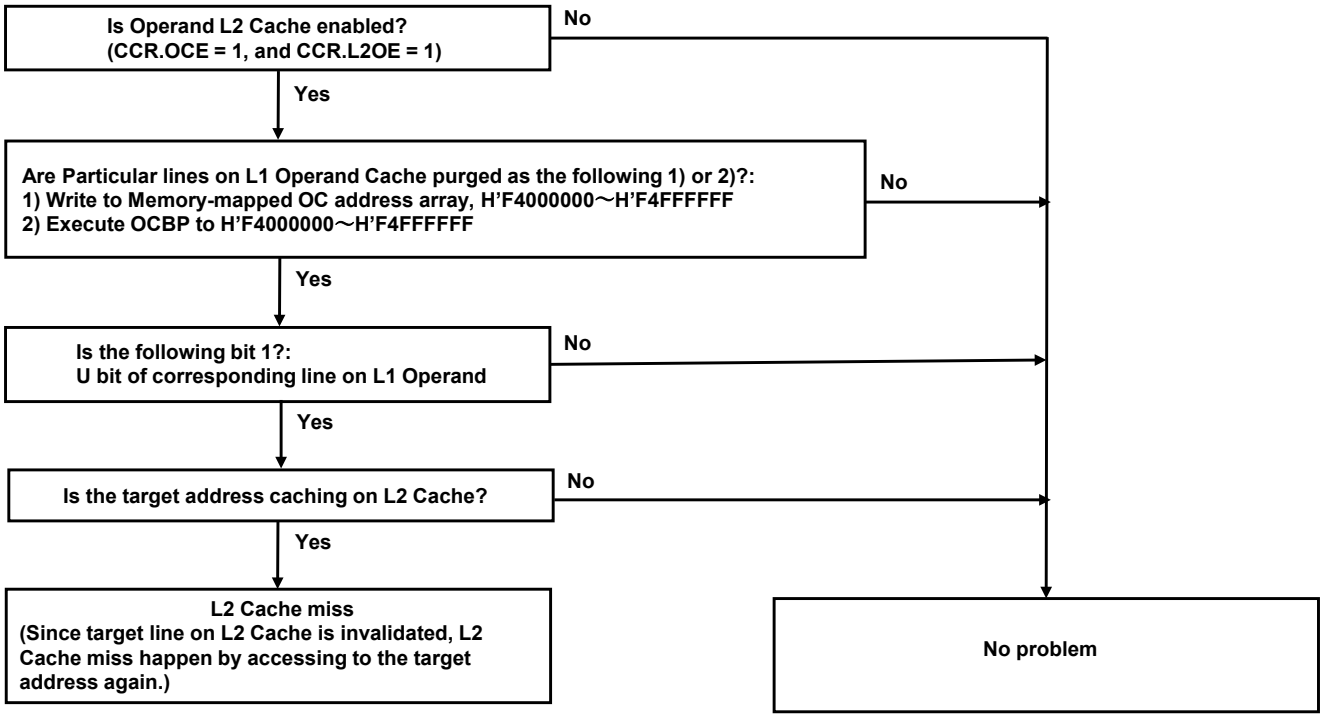

Figure A.14 Conditions in which L2 Cache miss happen

[Description]

Addition for Usage Notes about **Write to Memory-mapped OC address or instruction OCBP.**

[Reason for Correction]

For preventing performance declining due to L2 Cache miss.

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