HITACHI SEMICONDUCTOR TECHNICAL UPDATE

Classification of Production	Development Environment			No	TN-OS*-063A/E	Rev	1
THEME	HI7700/4 and HI7750/4 Bugs regarding ref_alm		Classification of Information	1. Spec change 2. Supplement of Documents ③. Limitation of Use 4. Change of Mask 5. Change of Production Line			
PRODUCT NAME	See below	Lot No.	Reference Documents	HI7000/4 series User's Manual ADE-702-248 (Rev.1.0)		Effective Date	
		See below				Forever	

The HI7700/4 and HI7750/4 includes following bugs.

We will revise the bugs by the end of this November. And we will announce when the revision will be completed.

1. The "lefttim" which is returned by ref_alm and iref_alm may be illegal.

1.1 Generation Conditions

(1) OS : HI7700/4 V1.0Cr1 and V1.1.00 (Note, this bug don't occur in the V1.0Br1 or less).

　　HI7750/4 V1.0Cr1 (Note, this bug don't occur in the V1.0Br1 or less).

(2) Six or more alarm handlers are used.

(3) There are five or more alarm handlers which will be started before the target alarm handler at issuing ref_alm or iref_alm.

1.2 Countermeasure

If using six or more alarm handlers, the "lefttim" which is returned by ref_alm and iref_alm should not be used.

If using "lefttim", the number of alarm handlers should be five or less.

1.3 Remark

The alarm handlers are executed correctly.

Product Name	Type Number	Release schedule
HI7700/4	HS0770ITI41SRE,　HS0770ITI41SRE-E, HS0770ITI41SRB,　HS0770ITI41SRB-E, HS0770ITI41SRS,　HS0770ITI41SRS-E	End of Dec. 2002
HI7750/4	HS0775ITI41SRE,　HS0775ITI41SRE-E, HS0775ITI41SRB,　HS0775ITI41SRB-E, HS0775ITI41SRS,　HS0775ITI41SRS-E	End of Dec. 2001