Old Company Name in Catalogs and Other Documents

On April 1st, 2010, NEC Electronics Corporation merged with Renesas Technology Corporation, and Renesas Electronics Corporation took over all the business of both companies. Therefore, although the old company name remains in this document, it is a valid Renesas Electronics document. We appreciate your understanding.

Renesas Electronics website: http://www.renesas.com

April 1st, 2010 Renesas Electronics Corporation

Issued by: Renesas Electronics Corporation (http://www.renesas.com)

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HITACHI MICROCOMPUTER TECHNICAL UPDATE

III ACII WICKOCOWI OTEK TECHNICAE OTBATE				
DATE	26 December 2001	No.		TN-SH7-391A/E
ТНЕМЕ	SH7727 usage notice about sleep mode			
CLASSIFICATION	☐ Spec change ☐ Limitation on Use ☐ Supplement of Documents			
PRODUCTNAME		Lot No.etc.		
REFERENCE	SH7727 Hardware manual	Rev.		EffectiveDate Eternity
DOCUMENTS		1		
HD6417727 has the following usage notice.				
1. Phenomenon				
The following phenomenon may happen when CPU is at transition to Sleep Mode				
or cancellation from Sleep Mode, during USB-F or SIOF transmission or receiving				
by DMA operation.				
by DiviA operation.				
(1) Noise may output during SIOF playing the stereo sound.(2) Unexpected duplicated data more than one byte may be created during the data transfer of USB-F or SIOF.				
Work around To avoid this problem, CPU is not to transit to Sleep Mode, during USB-F or SIOF transmission and receiving by DMA operation.				