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# RENESAS TECHNICAL UPDATE

1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 Japan
Renesas Electronics Corporation

| Product Category | MPU/MCU | | Document No. | TN-SH7-A809A/E | Rev. | 1.00 |
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| Title | SH7786 PCIEC User's Manual Correction | | Information Category | Technical Notification | | |
| Applicable Product | SH7786 Group | Lot No. | Reference Document | SH7786 Group User's Manual: Hardware Rev.1.00 Nov. 30, 2010 (REJ09B0501-0100) | | |
| | | All lots | | | | |

There are some corrections about the SH7786 PCIEC user's manual.

Gray part (abc) is newly added and cancelation line part (~~abc~~) is deleted.


[Correction]

1. Reference document p574 Note

   1) The following description is newly added to the "Note" (i.e. not supported function is added).

   • Multiple virtual channels (VC); Transaction is performed only using virtual channel 0 (VC0).


2. Reference document p818 2nd Paragraph

 1) The following description is added as the new 2nd paragraph.

 The VC0 and VCX transfer cannot be multiplexed in a command chain transfer. Specify the command that executes in VC0 for following transfer of the VC0.

 2) The former 2nd paragraph is changed as follows.

 ~~PCIEC-DMAC read the DMAC command via SuperHyway by using 32-byte access. Put DMAC command on the memory, which is accessible from SuperHyway by 32-byte access.~~

 Allocate that commands on the area of the DDR3-SDRAM, LBSC, IL memory, OL memory or shared memory that specified by the L2CR.


3. Reference document p818 TC field

 • TC field

 – Set the TC (traffic field) field of the DMAC command in memory to the value ~~that selects~~ of the same ~~VC~~ virtual channel VC0 as that specified ~~by~~ to the TC field of the PCIEC-DMAC control register. The ~~VC~~ virtual channel to be used cannot be changed during command chain execution.

- End of correction -

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