

To our customers,

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>

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Renesas Electronics Corporation

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Send any inquiries to <http://www.renesas.com/inquiry>.

1.2 In on-Demand Data Transfer mode

In DDT-mode, Supported DMA Transfers with External Requests is as follows (Table 2.).

Table 2. Supported DMA Transfers with External Requests (DDT-mode)

	Type of Transfer(Usable Memory Interface)		Address Mode	Usable Channels
	Transfer Source	Transfer Destination		
1	Synchronous DRAM (64bit width)	External device with DACK	Single	0, 1, 2, 3
2	External device with DACK	Synchronous DRAM (64bit width)	Single	0, 1, 2, 3
3	Synchronous DRAM	SRAM*1, MPX, PCMCIA *	Dual	1, 2, 3
4	SRAM*1, MPX, PCMCIA *	Synchronous DRAM	Dual	1, 2, 3
5	SRAM*1, DRAM, PCMCIA, MPX	SRAM*1, MPX, PCMCIA *	Dual	1, 2, 3
6	SRAM*1, MPX, PCMCIA *	SRAM*1, DRAM, PCMCIA, MPX	Dual	1, 2, 3

* : Setting DACK output in Dual Address Mode

SRAM*1: SRAM, Byte control SRAM, Burst-ROM

Usage notes:

(1) Usable Memory Interface with Single Address Mode Transfer is Synchronous DRAM, and Supported Synchronous DRAM bus-width is 64bit.

(2) In Dual Address Mode Transfer, it is possible to set DACK output for the following interface:

SRAM, Byte control SRAM, Burst-ROM, PCMCIA, MPX.