8.19.8.45 DMA.TX.LIST

Address offset: 0x74C

EasyDMA list type

Bit number				31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0
ID				A A A
Reset 0x00000000				**0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0**
ID	R/W	Field	Value ID	Value	Description
A	RW	TYPE			List type
			Disabled	0	Disable EasyDMA list
			ArrayList	1	Use array list

8.19.8.46 DMA.TX.TERMINATEONBUSERROR

Address offset: 0x754

Terminate the transaction if a BUSERROR event is detected.

Bit number				31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0
ID				A
Reset 0x00000000				**0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0**
ID	R/W	Field	Value ID	Value	Description
A	RW	ENABLE			
			Disabled	0	Disable
			Enabled	1	Enable

8.19.8.47 DMA.TX.BUSERRORADDRESS

Address offset: 0x758

Address of transaction that generated the last BUSERROR event.

Bit number				31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0
ID				A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A
Reset 0x00000000				**0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0**
ID	R/W	Field	Value ID	Value	Description
A	R	ADDRESS			

8.20 SPIS — Serial peripheral interface target with EasyDMA

The SPI target peripheral (SPIS) with EasyDMA provides a full duplex, 4-wire synchronous serial communication interface.

The main features of SPIS are the following:

- EasyDMA direct transfer to and from RAM
- SPI mode [0..3]
- Individual selection of I/O pins
- Hardware-based semaphore mechanisms for synchronizing access to data buffers by SPIS and CPU