

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				C																								B				B	B	A	A	A	A
Reset 0xFFFFFFFF				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
ID	R/W	Field	Value ID	Value				Description																													
A	RW	PIN		[0..31]				Pin number																													
B	RW	PORT		[0..7]				Port number																													
C	RW	CONNECT						Connection																													
			Disconnected	1				Disconnect																													
			Connected	0				Connect																													

8.23.10.31 DMA.RX.PTR

Address offset: 0x704

RAM buffer start address

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																															
Reset 0x20000000				0 0 1 0																															
ID	R/W	Field	Value ID	Value								Description																							
A	RW	PTR										RAM buffer start address for this EasyDMA channel. This address is a word aligned Data RAM address.																							

Note: See the memory chapter for details about which memories are available for EasyDMA.

8.23.10.32 DMA.RX.MAXCNT

Address offset: 0x708

Maximum number of bytes in channel buffer

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
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	0	
ID	R/W	Field	Value ID	Value				Description																													
A	RW	MAXCNT		[1..0xFFFF]				Maximum number of bytes in channel buffer																													

8.23.10.33 DMA.RX.AMOUNT

Address offset: 0x70C

Number of bytes transferred in the last transaction, updated after the END event.

Also updated after each MATCH 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																															
Reset 0x00000000				0 0																															
ID	R/W	Field	Value ID	Value				Description																											
A	R	AMOUNT		[1..0xFFFF]				Number of bytes transferred in the last transaction. In case of NACK error, includes the NACK'ed byte.																											