

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																															
ID	R/W	Field	Value ID	Value	Description																														
A	RW	ENABLE																																	
			Disabled	0	Disable																														
			Enabled	1	Enable																														

8.19.8.40 DMA.RX.BUSERROADDRESS

Address offset: 0x720

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																																	

8.19.8.41 DMA.RX.MATCH

Registers to control the behavior of the pattern matcher engine

8.19.8.41.1 DMA.RX.MATCH.CONFIG

Address offset: 0x724

Configure individual match events

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			H G F E																												D C B A			
Reset 0x00000000			0 0																															
D	R/W	Field	Value ID	Value	Description																													
A-D	RW	ENABLE[i] (i=0..3)			Enable match filter i																													
			Disabled	0	Match filter disabled																													
			Enabled	1	Match filter enabled																													
E-H	RW	ONESHOT[i] (i=0..3)			Configure match filter i as one-shot or sticky																													
					One-shot match filters can be used together with shortcuts to check for continuous data sequences by disabling the filter if the next data is not a match.																													
					<div>Note: The presence of these shorts depends on the configuration of the peripheral integrating this EasyDMA.</div>																													
			Continuous	0	Match filter stays enabled until disabled by task																													
		Oneshot	1	Match filter stays enabled until next data word is received																														

Note: The presence of these shorts depends on the configuration of the peripheral integrating this EasyDMA.

8.19.8.41.2 DMA.RX.MATCH.CANDIDATE[n] (n=0..3)

Address offset: 0x728 + (n × 0x4)

The data to look for - any match will trigger the MATCH[n] event, if enabled.