8.25.13.40 DMA.RX.TERMINATEONBUSERROR

Address offset: 0x71C

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

8.25.13.41 DMA.RX.BUSERRORADDRESS

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			

8.25.13.42 DMA.RX.MATCH

Registers to control the behavior of the pattern matcher engine

8.25.13.42.1 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 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-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 continous
					One-shot operation will disable the filter on a match, while Continous operation will keep it enabled until explicitly disabled.
			Continuous	0	Match filter stays enabled until disabled by task
			Oneshot	1	Match filter stays enabled until next data word is received

8.25.13.42.2 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.

NORDIC
SEMICONDUCTOR