

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 C C C B B B B A A A A																										
Reset 0x00000EEE			0 1 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0																										
ID	R/W	Field	Value ID																									Description	
C	RW	DARCACHE																									Memory type for data loads		
			DEVNONBUFF																								Device Non-Bufferable		
			DEVBUFF																								Device Bufferable		
			NNONCACHENONBU																								Normal Non-cacheable Non-bufferable		
			NNONCACHEBUFF																								Normal Non-cacheable Bufferable		
			WRITETHNALLOC																								Write-through No-allocate		
			WRITETHRALLOC																								Write-through Read-allocate		
			WRITETHWALLOC																								Write-through Write-allocate		
			WRITETHRWALLOC																								Write-through Read and Write-allocate		
			WRITEBACKNALLOC																								Write-back No-allocate		
			WRITEBACKRALLOC																								Write-back Read-allocate		
			WRITEBACKWALLOC																								Write-back Write-allocate		
			WRITEBACKRWALLO																								Write-back Read and Write-allocate		

### 8.26.3.39 NORDIC.CACHE.CTRL

Address offset: 0x7C8

## Cache control

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																															B	A
<b>Reset 0x00000000</b>																																
ID	R/W	Field	Value ID	Value	Description																											
A	RW	ENABLE			Enable cache																											
			Disabled	0	Cache disabled																											
			Enabled	1	Cache enabled																											
B	RW	CACHECLR			Cache clear																											
					Writing this bit writes the tag cache region to 0. This should be done before enabling the cache. The CPU stalls until the operation is complete. Interrupts must be disabled when performing the cache clear operation.																											
			NoOperation	0	No Operation																											
			Clear	1	Cache clear																											

8.26.3.40 NORDIC.CACHE.CFG

Address offset: 0x7C9

## Cache configuration

Configures the cache region size and line size