

Bit	7	6	5	4	3	2	1	0
						SAMPNUM[2:0]		
Access						R/W	R/W	R/W
Reset						0	0	0

bits 2:0 SAMPNUM[2:0]: Sample Accumulation Number Select bits

These bits select how many consecutive ADC sampling results are accumulated automatically. When this bit is written to a value greater than 0x0, the according number of consecutive ADC sampling results are accumulated into the ADC Result register (ADC.RES) in one complete conversion.

Value	Name	Description
0x0	NONE	No accumulation.
0x1	ACC2	2 results accumulated.
0x2	ACC4	4 results accumulated.
0x3	ACC8	8 results accumulated.
0x4	ACC16	16 results accumulated.
0x5	ACC32	32 results accumulated.
0x6	ACC64	64 results accumulated.
0x7	-	Reserved.