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

bits 5:4 REFSEL[1:0]: Reference Selection bits
These bits select the voltage reference for the ADC.

Value	Name	Description
0x0	INTERNAL	Internal reference
0x1	VDD	V_{DD}
0x2	VREFA	External reference V_{REFA}
Other	-	Reserved.

bits 2:0 PRESC[2:0]: Prescaler bits
These bits define the division factor from the Peripheral Clock (CLK_PER) to the ADC Clock (CLK_ADC).

Value	Name	Description
0x0	DIV2	CLK_PER divided by 2
0x1	DIV4	CLK_PER divided by 4
0x2	DIV8	CLK_PER divided by 8
0x3	DIV16	CLK_PER divided by 16
0x4	DIV32	CLK_PER divided by 32
0x5	DIV64	CLK_PER divided by 64
0x6	DIV128	CLK_PER divided by 128
0x7	DIV256	CLK_PER divided by 256