

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																															
Reset 0x00000004				0 1 0 0																															
ID	R/W	Field	Value ID	Value	Description																														
A	RW	REFSEL			Reference select																														
			Int1V2	0	VREF = internal 1.2 V reference																														
			VDD	4	VREF = VDD																														
			AREf	5	VREF = AREF																														

### 8.5.7.24 EXTREFSEL

Address offset: 0x50C

External reference select

The external reference pin is selected based on EXTREFSEL.PORT

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 B B B A A A A																															
Reset 0x00000000				0 0																															
ID	R/W	Field	Value ID	Value				Description																											
A	RW	PIN						External analog reference pin select																											
B	RW	PORT						GPIO Port selection																											

### 8.5.7.25 TH

Address offset: 0x530

Threshold configuration for hysteresis unit

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 B B B B B								A A A A A A			
Reset 0x00002020				0 0																																							

### 8.5.7.26 MODE

Address offset: 0x534

Mode configuration

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				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	0				
ID	R/W	Field	Value ID	Value		Description																																		
A	RW	SP				Speed and power modes																																		
			Low	0	Low-power mode																																			
			Normal	1	Normal mode																																			
			High	2	High-speed mode																																			
B	RW	MAIN				Main operation modes																																		
			SE	0	Single-ended mode																																			
			Diff	1	Differential mode																																			