

Register	Offset	TZ	Description
EVENTS_READY	0x100		LPCOMP is ready and output is valid
EVENTS_DOWN	0x104		Downward crossing
EVENTS_UP	0x108		Upward crossing
EVENTS_CROSS	0x10C		Downward or upward crossing
PUBLISH_READY	0x180		Publish configuration for event <a href="#">READY</a>
PUBLISH_DOWN	0x184		Publish configuration for event <a href="#">DOWN</a>
PUBLISH_UP	0x188		Publish configuration for event <a href="#">UP</a>
PUBLISH_CROSS	0x18C		Publish configuration for event <a href="#">CROSS</a>
SHORTS	0x200		Shortcuts between local events and tasks
INTEN	0x300		Enable or disable interrupt
INTENSET	0x304		Enable interrupt
INTENCLR	0x308		Disable interrupt
INTPEND	0x30C		Pending interrupts
RESULT	0x400		Compare result
ENABLE	0x500		Enable LPCOMP
PSEL	0x504		Input pin select
REFSEL	0x508		Reference select
EXTREFSEL	0x50C		External reference select
ANADETECT	0x520		Analog detect configuration
HYST	0x538		Comparator hysteresis enable

### 8.12.4.1 TASKS\_START

Address offset: 0x000

Start comparator

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																															
ID	R/W	Field	Value ID	Value				Description																											
A	W	TASKS_START						Start comparator																											
			Trigger	1				Trigger task																											

### 8.12.4.2 TASKS\_STOP

Address offset: 0x004

Stop comparator

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	W	TASKS_STOP						Stop comparator																											
			Trigger	1				Trigger task																											

### 8.12.4.3 TASKS\_SAMPLE

Address offset: 0x008

Sample comparator value. This task requires that LPCOMP has been started by the START task.