

## Register overview

Register	Offset	TZ	Description
TASKS_SEND[n]	0x000		This task is unused, but the PPIB provides the SUBSCRIBE task to connect SEND [n] task.
SUBSCRIBE_SEND[n]	0x080		Subscribe configuration for task SEND[n]
EVENTS_RECEIVE[n]	0x100		This event is unused, but the PPIB provides the PUBLISH event to connect RECEIVE [n] event.
PUBLISH_RECEIVE[n]	0x180		Publish configuration for event RECEIVE[n]
OVERFLOW_SEND	0x400		The task overflow for SEND tasks using SUBSCRIBE_SEND. Write 0 to clear.

### 6.3.5.1 TASKS\_SEND[n] (n=0..31)

Address offset:  $0x000 + (n \times 0x4)$

This task is unused, but the PPIB provides the SUBSCRIBE task to connect SEND [n] task.

Writes to SEND [n] task are ignored.

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_SEND				This task is unused, but the PPIB provides the SUBSCRIBE task to connect SEND [n] task.																													
						Writes to SEND [n] task are ignored.																													
		Trigger		1		Trigger task																													

### 6.3.5.2 SUBSCRIBE\_SEND[n] (n=0..31)

Address offset:  $0x080 + (n \times 0x4)$

Subscribe configuration for task SEND[n]

Writes to SEND [n] task are ignored.

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	A	A	A	A	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
ID	R/W	Field	Value	ID	Value	Description																																																								
A	RW	CHIDX			[0..255]	DPPI channel that task <b>SEND[n]</b> will subscribe to																																																								
B	RW	EN																																																												
			Disabled	0		Disable subscription																																																								
			Enabled	1		Enable subscription																																																								

### 6.3.5.3 EVENTS\_RECEIVE[n] (n=0..31)

Address offset:  $0x100 + (n \times 0x4)$

This event is unused, but the PPIB provides the PUBLISH event to connect RECEIVE [n] event.