

Register	Offset	TZ	Description
PSEL.CSN	0x610		Pin select for CSN
DMA.RX.PTR	0x704		RAM buffer start address
DMA.RX.MAXCNT	0x708		Maximum number of bytes in channel buffer
DMA.RX.AMOUNT	0x70C		Number of bytes transferred in the last transaction, updated after the END event. Also updated after each MATCH event.
DMA.RX.LIST	0x714		EasyDMA list type
DMA.RX.TERMINATEONBUSERROR	0x71C		Terminate the transaction if a BUSERROR event is detected.
DMA.RX.BUSERRORADDRESS	0x720		Address of transaction that generated the last BUSERROR event.
DMA.RX.MATCH.CONFIG	0x724		Configure individual match events
DMA.RX.MATCH.CANDIDATE[n]	0x728		The data to look for - any match will trigger the MATCH[n] event, if enabled.
DMA.TX.PTR	0x73C		RAM buffer start address
DMA.TX.MAXCNT	0x740		Maximum number of bytes in channel buffer
DMA.TX.AMOUNT	0x744		Number of bytes transferred in the last transaction, updated after the END event. Also updated after each MATCH event.
DMA.TX.LIST	0x74C		EasyDMA list type
DMA.TX.TERMINATEONBUSERROR	0x754		Terminate the transaction if a BUSERROR event is detected.
DMA.TX.BUSERRORADDRESS	0x758		Address of transaction that generated the last BUSERROR event.

8.19.8.1 TASKS_START

Address offset: 0x000

Start SPI transaction

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 SPI transaction																											
			Trigger	1				Trigger task																											

8.19.8.2 TASKS_STOP

Address offset: 0x004

Stop SPI transaction

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	0
ID	R/W	Field	Value ID	Value	Description																																
A	W	TASKS_STOP			Stop SPI transaction																																
			Trigger	1	Trigger task																																

8.19.8.3 TASKS_SUSPEND

Address offset: 0x00C

Suspend SPI transaction