

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	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	0	0	0	0				
ID	R/W	Field	Value	ID	Value	Description																																	
A	RW	ADDRESS				TWI slave address																																	

### 8.24.10.31 CONFIG

Address offset: 0x594

Configuration register for the address match mechanism

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																															
Reset 0x00000001				0 1																															
ID	R/W	Field	Value ID	Value	Description																														
A-B	RW	ADDRESS[i] (i=0..1)			Enable or disable address matching on ADDRESS[i]																														
			Disabled	0	Disabled																														
			Enabled	1	Enabled																														

### 8.24.10.32 ORC

Address offset: 0x5C0

Over-read character. Character sent out in case of an over-read of the transmit buffer.

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 A A A A A																															
Reset 0x00000000				0 0																															
ID	R/W	Field	Value ID	Value				Description																											
A	RW	ORC						Over-read character. Character sent out in case of an over-read of the transmit buffer.																											

### 8.24.10.33 PSEL.SCL

Address offset: 0x600

Pin select for SCL signal

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				C																								B B B A A A A														
Reset 0xFFFFFFFF				1 1																																						
ID	R/W	Field	Value ID	Value		Description																																				
A	RW	PIN		[0..31]		Pin number																																				
B	RW	PORT		[0..7]		Port number																																				
C	RW	CONNECT				Connection																																				
			Disconnected	1		Disconnect																																				
			Connected	0		Connect																																				

### 8.24.10.34 PSEL.SDA

Address offset: 0x604

Pin select for SDA signal