	Regs	Access	BE1	BE3	BE9x	ВЦ1901	BE4	BK214	BE234
BaseAddr			-	-	0x4005_0000	0x4005_0000	-	0x4003_0000	-

0x00	PRL	
0..7	PR	Div[7:0]
0x04	**PRH**	
0..7	PR	Div[15:8]
	0x0000	**ResetValue**
	0x00FF	**MaskValue**

0x08	CTR	Status
0..4	-	
5	S_I2C	0: le 400KHz 1: le 1MHz
6	EN_INT	IRQ Enable
7	EN_I2C	1: Enable
	0x0000	**ResetValue**
	0x00E0	**MaskValue**

0x0C	RXD	Received Data
0..7	RXD	Last Received Byte
	0x0000	**ResetValue**
	0x00FF	**MaskValue**

0x10	STA	Status
0	INT	1: IRQ Flag active
1	TR_Prog	1: Transferring 0: Comleted
2..4		
5	Lost_ARB	1: Lost Arbitrage (Collision) 0: No error
6	BUSY	1: Start received, 0: Stop Received - Line status
7	Rx_ACK	0: Ack received, 1: No Ack
	0x0000	**ResetValue**
	0x00E3	**MaskValue**

0x14	TXD	Data to Send
0..7	TXD	Data for transfer. Address b0 - 0: WR, 1: RW
	0x0000	**ResetValue**
	0x00FF	**MaskValue**

0x18	CMD	Command
0	CLR_INT	1 - clear IRQ
1..2	-	
3	ACK	1 - Send Ack
4	WR	1 - Start Write
5	RD	1 - Start Read
6	Stop	1 - Send Stop bit
7	Start	1 - Send Start bit
	0x0000	**ResetValue**
	0x00F9	**MaskValue**

SampleRate = HCLK/(5 * (DIV + 1))