

UCSRB - USPI Control and status registers B

UCSRB - USPI Control and status registers B								
address: 0xC1					Defaults: 0x00			
Bit	7	6	5	4	3	2	1	0
Name	RXCIE	TXCIE	UDRIE	RXEN	TXEN	-	-	-
R / W	R / W	R / W	R / W	R / W	R / W	-	-	-
Bit Name description								
7	RXCIE	Receive Complete interrupt enable bit. After setting enabling RXC Interruption, after clearing ban RXC Interrupted. when RXCIE for "1", The global interrupt enable, UCSRA Register RXC for "1" Can generate when USPI Receive Complete interrupt.						
6	TXCIE	End of Transmit Interrupt Enable bit. After setting enabling TXC Interruption, after clearing ban TXC Interrupted. when TXCIE for "1", The global interrupt enable, UCSRA Register TXC for "1" Can generate when USPI Transmit Complete interrupt.						
5	UDRIE	Data Register Empty interrupt enable bit. After setting enabling UDRE Interruption, after clearing ban UDRE Interrupted. when UDRIE for "1", The global interrupt enable, UCSRA Register UDRE for "1" Can generate when USPI Data Register Empty interrupt.						
4	RXEN	Receive Enable bit. After starting set USPI receiver. RxD Universal pin IO Function is USPI Receiving group. Disabling the Receiver will flush the receive buffer.						
3	TXEN	Transmit Enable bit. After starting set USPI Transmitter. TxD Universal pin IO Function is USPI Transmitting the group. TXEN When cleared, only to wait until all the data is sent to truly complete ban USART send.						
2: 0	-	USPI Under Reserved.						

UCSRC- USART Control and status registers C

UCSRC - USART Control and status registers C								
address: 0xC2					Defaults: 0x86			
Bit	7	6	5	4	3	2	1	0
Name UMSEL1 UMSEL0			-	-	-	DORD UCPHA UCPOL		
R / W	R / W	R / W	-	-	- R / W		R / W	R / W
Bit	Name description							
7: 6 UMSEL1: 0		USART Mode Select bit.						
		UMSEL Select synchronous or asynchronous modes of operation.						
		UMSEL		mode				
		0123		USART Asynchronous mode of operation				
				USART Synchronous mode of operation				
5: 3	-	SPI Slave modes of operation						
		SPI The host operating mode						
		USPI Under Reserved.						