

ADCH - ADC High Byte Data Register

ADCH - ADC High Byte Data Register								
address: 0x79					Defaults: 0x00			
Bit	7	6	5	4	3	2	1	0
Name0	-	-	-	-	ADC11 ADC10 ADC9			ADC8
Name1	ADC11 ADC10 ADC9			ADC8	ADC7	ADC6	ADC5	ADC4
R / W	R / W	R / W	R / W	R / W	R / W	R / W	R / W	R / W
Initial	0	0	0	0	0	0	0	0
Bit	Name	description						
7: 0	ADC [11: 8] / ADC [11: 4]	<p>ADC Data low byte register. when ADLAR Bit "0" Time, ADC Output data are aligned in the low storage register, i.e., ADCH Low 4 Bit ADC [11: 8] ,high 4 Bit meaningless, as Name0</p> <p>Shown; if ADLAR Bit "1" Time, ADC High output data are stored in the register are aligned, i.e., ADCH for ADC [11: 4] ,Such as Name1 Fig.</p>						

ADCSRA - ADC Control and status registers A

ADCSRA - ADC Control and status registers A								
address: 0x7A					Defaults: 0x05			
Bit	7	6	5	4	3	2	1	0
Name	ADEN	ADSC	ADATE	ADIF	ADIE	ADPS2 ADPS1 ADPS0		
R / W	R / W	R / W	R / W	R / W	R / W	R / W	R / W	R / W
Initial	0	0	0	0	0	0	1	0
Bit	Name	description						
7	ADEN	<p>ADC Enable control bit. When set ADEN Bit "1" Time, ADC It is enabled. When set ADEN Bit "0" Time, ADC Prohibited.</p>						
6	ADSC	<p>ADC Start the conversion. In the CPA mode, ADSC Set to start a conversion. In continuous conversion mode, ADSC Set to start the first conversion.</p>						
5	ADATE	<p>ADC Automatically trigger enable control bit. When set ADATE Bit "1" When the automatic trigger function is enabled. The rising edge of the selected trigger signal to open a conversion. Select the trigger source from ADCSRB Register</p> <p>ADTS To control. When set ADATE Bit "0" When the automatic trigger function is disabled.</p>						
4	ADIF	<p>ADC Interrupt flag. when ADC After completion of the conversion and update the data register setting ADIF . If the ADC Interrupt enable bit ADIE for "1" And Global Interrupt set, ADC An interrupt is generated. carried out ADC</p> <p>Interrupt cleared ADIF Bits can also be written to the bit "1" Cleared.</p>						
3	ADIE	<p>ADC Interrupt enable control bit. When set ADIE Bit "1" And the Global Interrupt When set, ADC Interrupt is enabled. When set ADIE Bit "0" Time, ADC Interrupts are disabled.</p>						