

AVR Bitmanipulation

setting some bits	<code>PORTD = (1 << PD1) (1 << PD2)</code>
clearing some bits	<code>PORTD &= ~((1 << PD1) (1 << PD2))</code>
toggling some bits	<code>PORTD ^= (1 << PD1) (1 << PD2)</code>
checking a Bit	<code>PORTD & ((1 << PD1) (1 << PD2))</code>

Timer1

16 bit Timer/Counter

Timer/Counter1 Control Register A	TCCR1A
Timer/Counter1 Control Register B	TCCR1B
Timer/Counter1	TCNT1
Output Compare Register 1 A	OCR1A
Output Compare Register 1 B	OCR1B
Input Capture Register 1	ICR1
Timer/Counter Interrupt Mask Register	TIMSK



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Page 1 of 1.

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