

<b>AVR Calculator</b>		<b>Rev 1.0 – Feb 2008</b>				
Written by Priyend Somaroo of Vardaan Enterprises ( <a href="http://www.vardaan.com">www.vardaan.com</a> )						
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<b>Type in your values here</b>						
Frequency of CPU (Hz)	14745600	<-----	Type in desired values			
Clock Prescaler	1024	<-----	In these			
Desired Time (sec)	0,010000	<-----	Three blocks			
<b>Nothing to edit calculations are below this point</b>						
<i>Using 16-bit timer in CTC mode using OCRxA to generate an interrupt on Output Compare A</i>						
OCRxA Needed	144					
OCRxA Usable (Decimal)	144	Actual time (sec)	01,00000E-2	Error	0,000%	
OCRxA Usable (Hex)	0090					
<i>Using 16-bit timer in Normal mode using Timer Overflow to generate an interrupt</i>						
Timer Reload TCNTx (Decimal)	65392	Actual time (sec)	01,00000E-2	Error	0,000%	
Timer Reload TCNTx (Hex)	FF70					
<i>Using 8-bit timer in CTC mode using OCRxA to generate an interrupt on Output Compare A</i>						
OCRxA Needed	144					
OCRxA Usable (Decimal)	144	Actual time (sec)	01,00000E-2	Error	0,000%	
OCRxA Usable (Hex)	0090					
<i>Using 8-bit timer in Normal mode using Timer Overflow to generate an interrupt</i>						
Timer Reload TCNTx (Decimal)	112	Actual time (sec)	01,00000E-2	Error	0,000%	
Timer Reload TCNTx (Hex)	70					
<i>Maximum time (in secs) with no reset overflow</i>						
Using 8 bit Timer (overflow 256)	01,78E-2					
Using 16 bit timer (overflow 65536)	04,55E+0					
<i>Minimum time/Resolution (in secs)</i>						
Using 8 bit Timer	69,44E-6					
Using 16 bit timer	69,44E-6					