

Calculadora

Timer size(bits)	8			
System Clock Frequency(Hz)	16000000			
System Clock Prescaler	16			
Clock I/O Frequency (Hz)	1000000	$0.25 * 4 =$	1 segundo	
Clock I/O Prescaler	8		4	
Desired delay (s)	<u>0.001</u>	0.25	60	
		250	240	
Timer Frequency (Hz)		$0.001 * 250$	$* 240 =$	60 segundos
Tick (s)				
Maximum time (s)	0.0020			
Minimum prescaler needed	3.9063			

OCR0A	125 CTC MODE
TCNT0	131 NORMAL MODE
TCNT1	65411

	7	6	5	4	3	2
Numero	B	A	C	E	D	
0	1	1	1	1	1	1
1	1	1	0	1	0	0
2	1	1	1	0	1	1
3	1	1	1	1	0	1
4	1	1	0	1	0	0
5	0	1	1	1	0	1
6	0	1	1	1	1	1
7	1	1	1	1	0	0
8	1	1	1	1	1	1
9	1	1	1	1	0	0

CS02	CS01	CS00	D
0	0	0	N
0	0	1	cl
0	1	0	cl
0	1	1	cl
1	0	0	cl
1	0	1	cl
1	1	0	E
1	1	1	E

	1	0	
G	F		
	0	1 7D	
	0	0	50
	1	0 6E	
	1	0	76
	1	1	53
	1	1	37
	1	1 3F	
	0	0	70
	1	1 7F	
	1	1	73

description
no clock source (Timer/Counter stopped)
$k_{I/O}/(No \text{ prescaling})$
$k_{I/O}/8$ (From prescaler)
$k_{I/O}/64$ (From prescaler)
$k_{I/O}/256$ (From prescaler)
$k_{I/O}/1024$ (From prescaler)
external clock source on T0 pin. Clock on falling edge.
external clock source on T0 pin. Clock on rising edge.