PWM.rar: Configure CCP module to generate 15 KHz PWM output with Duty Cycle 50%

The auto button in Figure 1 should be pressed (ON)





**Capture.rar**: Display the rising edge time on the 1<sup>st</sup> line of the LCD.

Figure 2 illustrate a sample of signal generator input (Use Square wave and 5V always). Number is increasing in that case (1 KHz).





**TMR0.rar**: Start an endless loop that gets interrupted on every TMR0 overflow, where it increases the number on the first display when the its counter reaches 100 (that is 100\*0.01=1sec); and increases the number on the second display when the its counter reaches 1000 (that is 1000\*0.01=10sec).

## [Read the experiment manual for more information]

**Note:** SIGNAL GENERATOR and OSCILLOSCOPE results usually pop-up at simulation time. In case they didn't, you can always display them by clicking on **Debug**, <u>then ticking the devices listed on the bottom of the list</u>. **All this happens only at simulation time**.