

PC BASED OSCILLOSCOPE

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ABSTRACT

In very short word, my product 'PC Based Oscilloscope' is a simple instrument which we often see in the laboratory but it is not device as the real oscilloscope does.

This project is weight age on the software. The basic concept to design a PC Based Oscilloscope' is using a IC chip called ADC0804 (analog-to-digital converter) communicate with software to get data which obtain during the measurement. The ADC will convert the analog input to digital form in order to computer read the data and plot the waveform within a screen window. The function such as slow speed, terminate which found in the scope is create by the software.