

ABSTRACT

The development of electronic circuits has been encountered. One is the oscillator. This oscillator signal box serves as producer. Oscillator transform the direct current (dc) power supply from alternating current (ac) in the load. An oscillator can generate waveforms at a frequency in the range of a few cycles per hour to several hundred million cycles per second. Oscillator is commonly used in the transmitter and receiver of radio and television, in radar and in a variety of communication systems.

In this Final Task designed Electronic Typewriter which can be used to teach an Indonesian people whom cant read and write. This device build using some circuits, they are noise generator, filter block, wien bridge osilator, and astable multivibrator. Human voice signal is approached by making sinusoidal waves generator.

This device produce “S” and “M” consonant character. Accoustic test by volunteer is used to test this device. They decide how is the output of the electronic typewriter. The survey methods also been used to show the output sound of “S” and “M” character are match with the real consonant character.

Keywords: *Oscillator, Noise generator, Filter*