

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 sounds to produce a sound which uses oscillator IC 555 which is then amplified by the amplifier amplifier. In making use IC LM386 amplifier. Where the thesis is focused on spending vowel sounds. Using the switch to sound the vowel sounds.

In testing, the greater the use of R1 in the oscillator circuit is used, the greater the gain that occurred at a frequency generated. The waveforms are generated on each oscillator used wave-shaped box. Sound of a voice that has earned the vowels E, while for vocals A, I, U and O have not been successful.

Keywords: Oscillator, IC 555, LM 386, switch