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PROJECT 2 KEU 380

**FINAL REPORT
VARIABLE FREQUENCY ULTRASONIC
PEST REPELLER**

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ABSTRACT

In today's world, the term digital has become part of our everyday vocabulary because of dramatic way that digital techniques has become so widely used in almost all area of life. This project known as VARIABLE FREQUENCY ULTRASONIC PEST REPELLER We can on or off our switch at home or others It is suitable for every one and it easy to use. For the time being, insect can be found in every house. So we decided to create this project to prevent the insect.

INTRODUCTION

Variable Frequency Ultrasonic Pest Repeller is the simple circuit. We take this circuit for our project because it is easy to built and not expensive It can use at home ,office or other place. When we switch on the switch, pets like rats ,mice etc are repelled by ultrasonic frequency in the range of 30 kHz to 50 kHz But human being s can't hear these frequency.

In these circuit, we used four IC , the IC are 555 timer ,D-type flip-flop , Op-amp and Decade counter. We hope this project can make our life more flexible and easy.