

## HOME AUTOMATION & CONTROL SYSTEM USING DTMF

### ABSTRACT :

The paper presents an approach of the designing of a home automation system using DTMF. DTMF stands for Dual Tone Multi Frequency. The system allows users to send commands from their cell phones to control various home appliances such as bulb, fan etc. Commands are sent via a cell phone's numeric code dialling capability. The system is equipped with DTMF decoder and relay module for controlling any appliance. The program code is fed onto the micro-controller. The main advantage of the circuit is its vast range. We can track the status and control our home appliances from anywhere. In our system we have used four bulbs to represent AC loads and a 12V transformer to power the circuit..

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