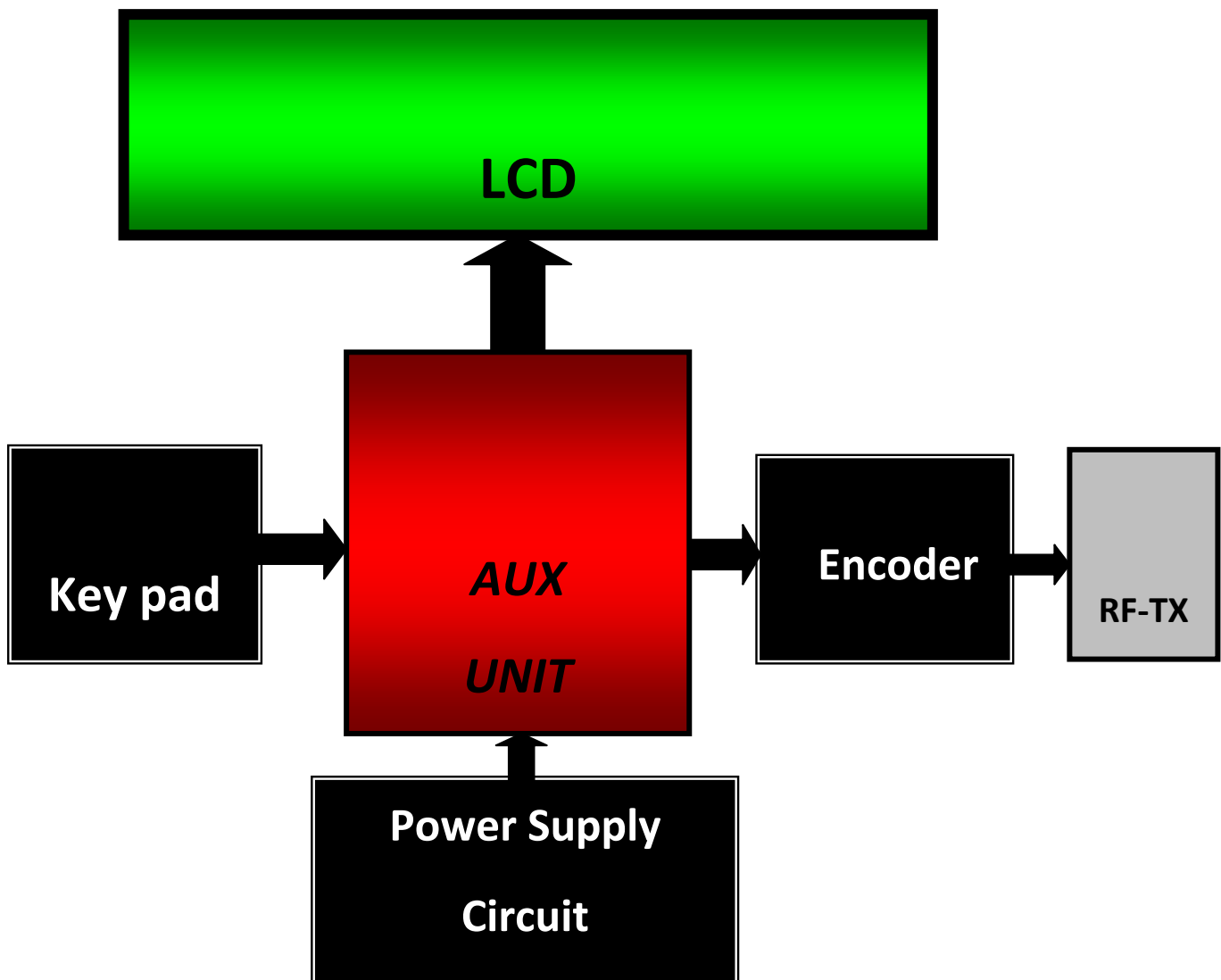


Designing Switching System for AC Powered Appliances Using Microcontroller

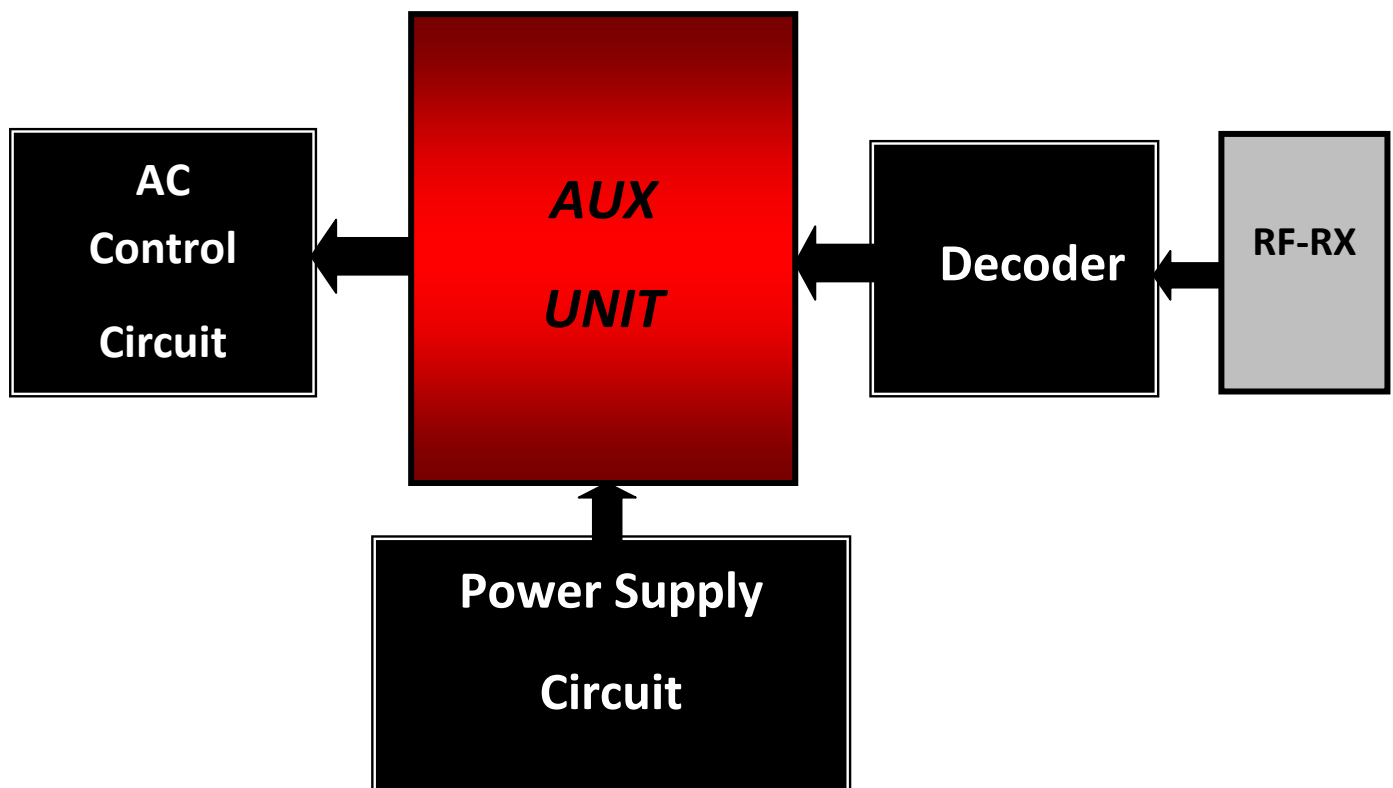
Abstract: This model uses wireless communication.

This model receives data from remote unit through RF tx/rx and control the particular any AC or DC devices. The information status message is displayed on LCD.

Block Diagram of Remote Circuit:



Block Diagram of Receiver Circuit:



DESCRIPTION

In this project, we have two modules:

1. Controller .
2. RF Handset

The remote circuit consists of Microcontroller, LCD, keypad and RF tx. The RF Communication is the heart of the system. This is where the main data processing takes place and the micro controller mainly does it, when anyone wants to control any device in the house. This is done by pressing the remote key control to the appropriate appliances control by the owner of the house who's already having remote control kit with the applicant .The communication takes place when the appliance is on/off. In the initial condition the micro controller is receiving high signal from the device. The microcontroller processes this data and if intrusion has taken place and displayed on lcd.