

For more Project details visit:

<http://www.projectsof8051.com/android-based-home-security-system-using-bluetooth-technology/>

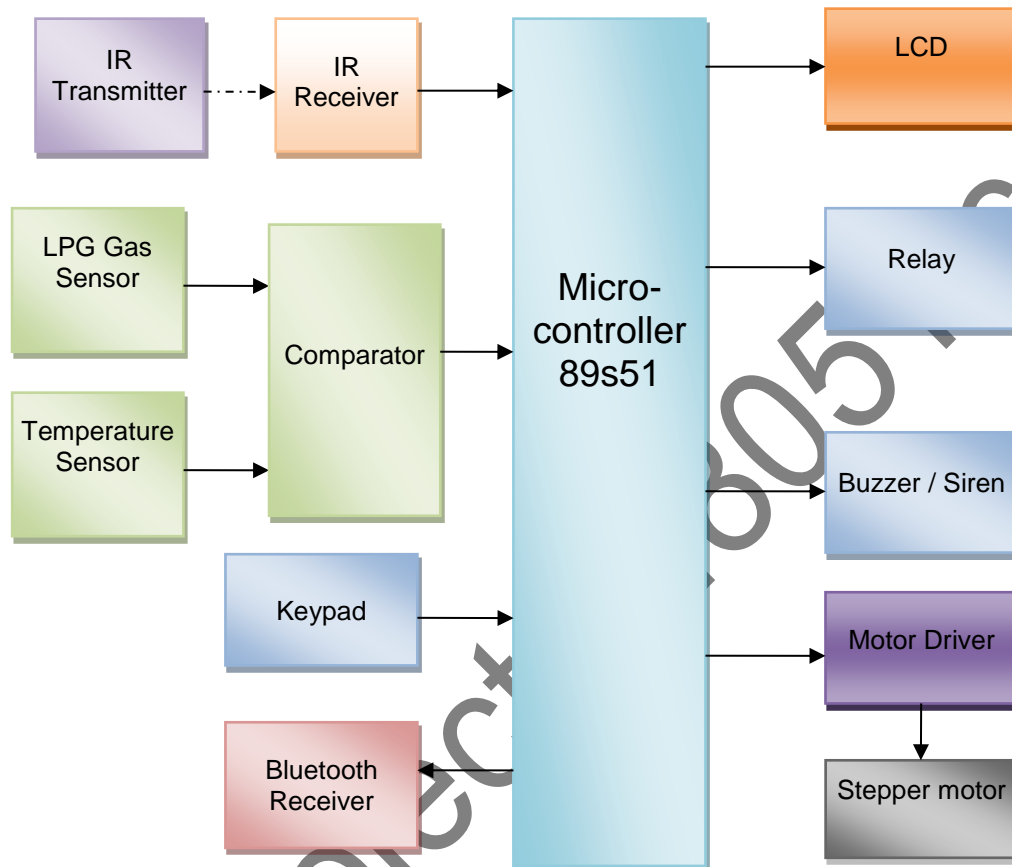
| Code | Project Title |
|------|---|
| 1451 | Android based Home Security System using Bluetooth Technology |

Synopsis for Android based Home Security System using Bluetooth Technology

1. Introduction

Android based Home Security System using Bluetooth Technology has application mainly in security areas. It is designed for Home application however it is also applicable for various areas like Industries, Companies, Offices and even at Shopping malls. Buzzer is turned on whenever any one of 3 sensor crosses a threshold value. An alert is sent to Application installed on user's android mobile. Keypad based door opening is shown using DC motor. Alert is sent for correct password entry as well as for incorrect password.

2. Block Diagram



3. Block Diagram Description

Various important blocks of system are:

- 1) LPG gas sensor
- 2) Temperature sensor
- 3) Comparator
- 4) Microcontroller

- 5) LCD Display
- 6) Bluetooth module
- 7) Buzzer
- 8) DC Motor

Applications:

- 1) This project can be used in Home Industries, Shopping malls, Office.

Advantages

- 1) This project is easy to use.

Future Development:

- 1. We can provide voice feedback system.