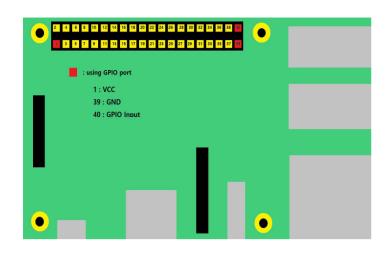
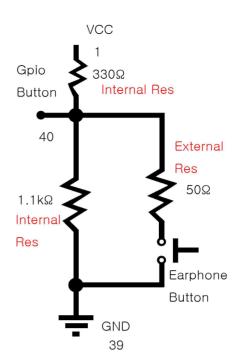
Raspberry Pi 3 B model Board Image



We used GPIO 1(VCC), 39(GND), 40(GPIO Input) terminals.

| Device      | Sleeve | Ring 2 | Ring 1 | Tip  | OK? |
|-------------|--------|--------|--------|------|-----|
|             |        |        |        |      | )   |
|             |        |        |        |      |     |
|             | 4      | 3      | 2      | 1    |     |
| Model B+    | Video  | Ground | Right  | Left | V   |
| Apple       | Video  | Ground | Right  | Left | 4   |
| Zune        | Video  | Ground | Right  | Left | 4   |
| Camcorders  | Right  | Ground | Video  | Left | A   |
| MP3 Players | Ground | Video  | Right  | Left | ×   |

This picture shows the corresponding jacks for each earphone type.



This image is a Raspberry pi 3 GPIO circuit with an earphone Button.

Raspberry Pi 3 Internal GPIO has  $330\Omega$  and  $1.1k\Omega$  resistors. Connect the earphone jack to the Raspberry Pi 3 with  $50\Omega$  external resistors.

We used LG QuadBeat HSS-F730 earphone.

