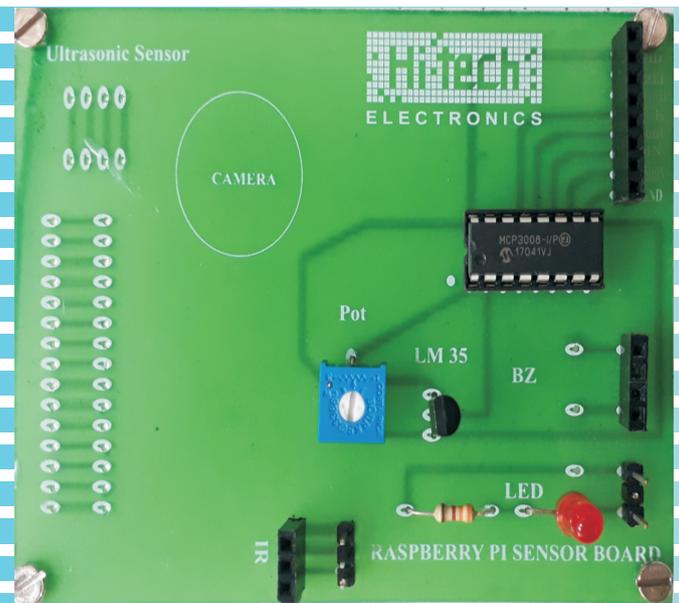


# IOT Lab - Raspberry Pi Board



## MAIN BOARD

## INTERFACEBOARD



### Main board:-

- 1) SoC: Broadcom BCM2837.
- 2) CPU: 4× ARM Cortex-A53, 1.2GHz.
- 3) GPU: Broadcom Video Core IV.
- 4) RAM: 1GB LPDDR2 (900 MHz).
- 5) Networking: 10/100 Ethernet, 2.4GHz 802.11n wireless.
- 6) Bluetooth: Bluetooth 4.1.
- 7) Storage: microSD
- 8) GPIO: 40-pin header.
- 9) Ports: HDMI, 3.5mm analogue audio-video jack, 4× USB 2.0, Ethernet, Camera Serial Interface (CSI), Display Serial Interface (DSI)

### Interface Card:-

- 1) Ultrasonic Sensor Interface
- 2) Temperature Sensor LM 35
- 3) IR Sensor.
- 4) LED Interface
- 5) Buzzer Interface.
- 6) 15 Pins for Extra Sensor Interface.
- 7) Camera Module Interface

**NOTE:-Other Sensor Interface are also available.**

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