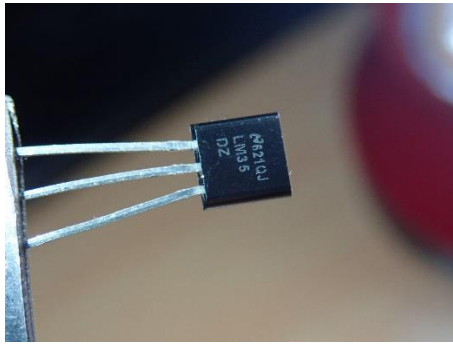


## HARDWARE SPECIFICATION

The LM35 series are accurate optimized temperature circuits with output voltage, which is linearly relative to the temperature in centigrade.



### CO Sensor (MQ-9)

MQ-9 is appropriate for LPG, CO, and CH<sub>4</sub> detection. Owing to its high sensitivity and fast response time, measurements can be taken fast. Using the potentiometer, the sensor sensitivity can be modified.



## Heartbeat sensor

The heartbeat sensor is developed based on the plethysmography theory. It measures the change in blood volume through anybody's organ that causes the light intensity to move through that organ.



## ECG sensor

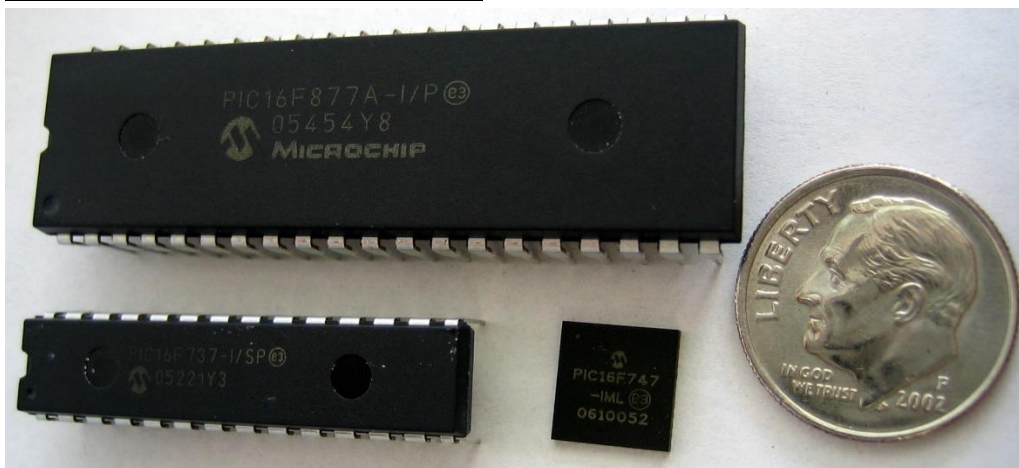


## Power supply



Lipo 11.1 v3200 mAh

## PIC MICROCONTROLLER



## **MONITOR**

An LCD monitor to display vitals and alarms and charts .



## **SPEAKER**

GE Critikon DinaMap Pro Series Patient Monitor Speaker Assembly



