

Q4

My choice of power supply are Batteries.

I prefer using a 9V general purpose battery.

Even the user specification was Battery

powered. This is because the Gas sensor detector is generally fixed on the roof and many other places in the office/home where a switchboard may not be there. So making a battery powered is best idea.

ATMEGA and the MQ-7 Gas Sensor needs

5V regular supply. So, I am using a

LM7805 voltage regulator which takes any input voltage from 8-12V and supplies

constant 5V for the sensor and microcontroller.

