

Name of product : Low Cost Gas Leak Detector for Safety in Residential Buildings

Researcher details

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Faculty : FSTK

Cluster/Area of study : Electronic

Status of the product : prototype

Product description :

In the recent years, the LP gas is commonly used as the ideal fuel for cooking in the residential buildings of many countries including Malaysia. But sometimes it causes extensive damage for leakage of gases. Hence, the safety of the residential building from gas leakage is of great importance. We developed a low cost gas leak detector with alarm circuit for the safety purposes of the residential building. It is possible to prevent the extensive damage from gas leak by installing our proposed gas detector in residential buildings. When gas leakage occurs, the density of gas in the air is increased. Our proposed device can detect the increased gas density and activate the alarm for taking preventive action immediately.

