

Digital Fire Alarm System for General Area Application

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Abstract

A digital fire alarm system is based on heat sensor and hex inverter 4049 UB. The circuit consists of four major portions: the power supply, heat sensor, buffer circuit and alarm unit. This circuit is constructed by using 4049 UB hex inverter, BC 337 transistor, relay, LED and ac bell. The circuit is constructed with components that are locally available. This circuit can be used for fire detection and alarm of fire outbreak.

Key words: 4049 UB hex inverter, heat sensor, relay, AC bell, Power Supply and LED

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