**IOT Modem**

**Petrochemical fire detection Sensor 1**

**VOLTAGE REGULATOR**

**PIC**

**MICROCONTROLLER**

**LCD**

**DISPLAY**

**Petrochemical fire detection Sensor 2**

**GSM Modem**

**Petrochemical fire detection Sensor 4**

**Relay Driver**

**Petrochemical fire detection Sensor 3**

**Relay**

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