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P/N : HY-008 (A) Name : LM35 Temperature Sensor



Product image :

Introduction :

Adopt with LM35 temperature sensor, output voltage is Celsius temperature scale. The basic working principle: LM35 temperature sensor circuit converts the measured temperature signal into a voltage signal and outputs it to the signal amplifying circuit. The voltage signal corresponding to the temperature value is amplified and output to the A/D conversion circuit, and the voltage signal is converted into a digital quantity, sent to the single-chip system, the single-chip system processes the digital quantity according to the display requirements, and then sends it to the temperature display system for display.

Technical Parameters :

Product Name : LM35 Temperature Sensor

Power requirements : +3.0V -5.5V

Signal Type : Analog signal

Interface mode : XH2.54 × 3

Pin definition : S-Signal output , V-Power , G-Ground

Measuring range : -40°C ~ +150°C

Sensitivity : 10mV/°C

Remark : LM35

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