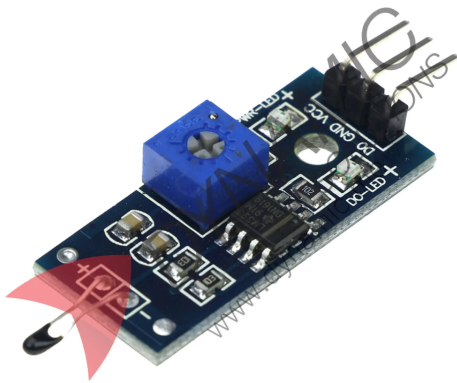


Thermal Thermistor Temperature Sensor Module (3 Pins)



Feature

The Thermal Thermistor Temperature Sensor Module is a compact analog sensor using an NTC thermistor to detect ambient temperature. The module integrates an LM393 comparator to provide clean digital switching output with an adjustable threshold via a potentiometer. It supports both analog and digital outputs, operates from 3.3V to 5V, and is suitable for a wide range of temperature-sensitive applications.

Specifications	
Sensor Type	NTC Thermistor
Temperature Range	-55°C to +126°C
Accuracy	±0.5°C
Supply Voltage	3.3V – 5V
Output Type	Analog and Digital
Comparator	LM393
Digital Output	0V (LOW), 5V (HIGH)
Current Drive Capacity	>15 mA
Threshold Adjustment	Yes, via onboard potentiometer
Board Dimensions	32 mm × 14 mm
Mounting	Fixed bolt holes
Use Cases	Environmental temperature monitoring, thermal control systems, microcontroller projects

Pinouts:

Pin Name	Type	Description
VCC	Power Input	Supply voltage (3.3V–5V)
GND	Power Ground	Common ground
DO	Digital Output	Logic level output based on temperature threshold (set via potentiometer)

Product Pictures:

