

Thermocouple Module

BM42S3021-1

Characteristics

- Integrated regulated power supply, 2.6V ~ 5V wide operating voltage range
- Low standby current consumption: <math>< 3\mu\text{A}</math>
- Directly outputs the temperature value without conversion
- Factory calibrated, can directly used
- Supports standard I²C interface
- Support for BMduino (Arduino) development

Applications

Thermocouple thermometers, electric grills, industrial boiler thermostats, etc.

Block Diagram

