



TEMPERATURE SENSORS:

- LM335
- Platinum RTD Resistance
- N.T.C. Thermistor
- Thermocouple

HAVING STUDIED THIS MODULE (Temperature Sensors) :

- Describe the characteristics of an IC temperature sensor
- Describe the construction and characteristics of a platinum RTD resistance
- Describe the construction and characteristics of an n.t.c. Thermistor
- Discuss the characteristics of n.t.c. thermistor bridge circuits.
- Describe the construction and characteristics of a thermocouple
- Reduce temperature from a voltage reading across a transducer

LIGHT MEASUREMENT:

- Filament Lamp
- Photovoltaic Cell
- Phototransistor
- Photoconductive Cell
- PIN Diode

HAVING STUDIED THIS MODULE (Temperature Sensors) :

- Discuss the characteristics of a filament lamp
- Describe the construction and characteristics of a Photovoltaic Cell
- Describe the construction and characteristics of a Photo transistor
- Describe the construction and characteristics of a Photo conductive Cell
- Describe the construction and characteristics of a PIN photodiode

ON BOARD POWER SUPPLIES:

- -5V, +5V 1A precision supply
- -12V, +12V 1A regulated supply

Note: Specifications are subject to change.

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