

# Sensors & Transducers

## Temperature Sensors I.Cs

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

| Part No. | Product No. | Manufacturer | Description   | Pins/Package |
|----------|-------------|--------------|---|--------------|
| 33025    | DS18S20     | DALLAS       | High Precision 1-Wire Digital Thermometer                               | 3P/TO-92     |
| 43993    | LM135AH     | N.S          | Precision Temperature Sensors   | TO-46        |
| 34658    | LM135H      | N.S          | Precision Temperature Sensors   | TO-46        |
| 40798    | LM235AH     | N.S          | Precision Temperature Sensors   | 3P/TO-46     |
| 43995    | LM235H      | N.S          | Precision Temperature Sensors   | 3P/TO-46     |
| 18502    | LM335AH     | N.S          | Precision Temperature Sensors   | 3P/TO-46     |
| 6562     | LM335Z      | N.S          | Volt. Mode temperature sensor   | 3/TO-92      |
| 44026    | LM34CH      | N.S          | Prec. F temp. sensor  | TO-46        |
| 44024    | LM34DH      | N.S          | Prec. F temp. sensor  | TO-46        |
| 4007     | LM34DZ      | N.S          | Prec. F temp. sensor (-40°F to +230°F)                                  | 3P/TO-92     |
| 44027    | LM35CAH     | N.S          | Precision Centigrade Temperature Sensors                                | TO-46        |
| 34436    | LM35CZ      | N.S          | Precision Centigrade Temperature Sensors                                | TO-92        |
| 44028    | LM35DH      | N.S          | Precision Centigrade Temperature Sensors                                | TO-46        |
| 16165    | LM35DZ      | N.S          | Precision Centigrade Temperature Sensor                                 | 3/TO-92      |
| 7360     | LM3911N     | N.S          | Temperature controller  | 8/DIP        |
| 41126    | LM75CIMM-3  | N.S          | Digital Temperature Sensor and Thermal Watchdog with Two-Wire Interface | MSOP-8       |
| 11557    | LT1025CN8   | Linear-Tech. | Micropower Thermocouple Cold Junction Compensator                       | 8/DIP        |

## Temperature Switches

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



- Isolated material: colophony
- Contact material: silver meta Thick: 0.3mm
- Insolated resistance: >DC 500V 100M Ω

| Part No. | Product No.    | Description      | Y/N          | Endure Voltage(V)     | endure current(A) | OFF temperature | ON temperature |
|----------|----------------|------------------|--------------|-----------------------|-------------------|-----------------|----------------|
| 12080    | 3PN234-85A     | Thermal Switches |              | AC120V/AC240V         | 15A/10A           | 85              | 75             |
| 14428    | 3PN244-80A     | Thermal Switches | Y(Automatic) | AC120V AC240V         | 15A 10A           | 80              | 70             |
| 14429    | 3PN244-91A     | Thermal Switches | Y(Automatic) | AC120V AC240V         | 15A 10A           | 91              | 81             |
| 14427    | 3PN265-090-60A | Thermal Switches | Y(Automatic) | AC120V 15A/AC240V 10A | 15A/10A           | 60              | 50             |



| Part No. | Product No. | Description      | Y/N | OFF temperature | ON temperature |
|----------|-------------|------------------|-----|-----------------|----------------|
| 11290    | 5112E       | Thermal Switches | NO  | 90°C            | 80°C           |
| 11291    | 5112F       | Thermal Switches | NO  | 100°C           | 90°C           |
| 12885    | 5112G       | Thermal Switches | NO  | 110°C           | 90°C           |



| Part No. | Product No. | Description      | Y/N | OFF temperature | ON temperature |
|----------|-------------|------------------|-----|-----------------|----------------|
| 48340    | 5112I       | Thermal Switches | NO  | 130°C           | 110°C          |
| 38930    | 5112L       | Thermal Switches | NO  | 50°C            | 60°C           |



- Isolated material: colophony
- Contact material: silver meta Thick: 0.3mm
- Insolated resistance: >DC 500V 100M Ω

| Part No. | Product No.     | Description      | Y/N       | Endure Voltage(V) | endure current(A) | OFF temperature | ON temperature |
|----------|-----------------|------------------|-----------|-------------------|-------------------|-----------------|----------------|
| 14443    | 5N235-090-105/M | Thermal Switches | Y(Manual) | AC120V AC240V     | 15A 10A           | 115             | 105            |
| 14444    | 5N255-090-110/M | Thermal Switches | Y(Manual) | AC120V AC240V     | 15A 10A           | 125             | 110            |



- Act temperature: 50°C~175°C (UL/CUL 205°C)
- Inner resistance: <50mΩ
- Working temperature: 220°C (PPS)
- Weight: 5.2g MAX

| Part No. | Product No.      | Description      | Y/N          | Endure Voltage(V)    | endure current(A) | OFF temperature | ON temperature |
|----------|------------------|------------------|--------------|----------------------|-------------------|-----------------|----------------|
| 33115    | T24A050ABF2-15   | Thermal Switches | Y(Automatic) | AC250V AC125V AC250V | 16A 15A 10A       | 50              | 35             |
| 28881    | T24A091ASR2-10-U | Thermal Switches | Y(Automatic) | AC120V AC240V        | 15A 10A           | 91              | 81             |
| 29396    | T24M105BBF2-M7   | Thermal Switches | Y(Automatic) | AC250V AC125V AC250V | 16A 15A 10A       | 105+2-3         | -5 +- 15       |

