

RoHS  
Compliant

## Wire, PVC, Red, 22AWG, 0.33mm<sup>2</sup>, 7.6m (25ft)



33AC0214

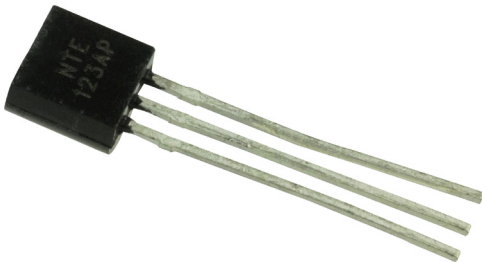
### Features

- 22AWG (7 x 30) stranded tinned copper wire
- Red colour jacket and colour coded PVC insulation
- Temperature of -40°C to +105°C
- Stranded tinned copper wire conductor per ASTM B-33
- Colour coded PVC insulation
- Passes UL VW-1 flame test standards

### Specifications

|                                  |                             |
|----------------------------------|-----------------------------|
| Jacket Material                  | : PVC                       |
| Jacket Colour                    | : Red                       |
| Wire Gauge                       | : 22AWG                     |
| Conductor Area CSA               | : 0.33mm <sup>2</sup>       |
| Reel Length                      | : 7.6m (25ft)               |
| No. of Max Strands × Strand Size | : 7 × 30AWG                 |
| Voltage Rating                   | : 600V                      |
| Conductor Material               | : Tinned Copper             |
| Approval Specification           | : CSA TEW, UL 1028, UL 1015 |

## Temperature Sensor IC, Voltage, ± 0.6°C, 0°C, +100°C, TO-92, 3 Pins



41K4849

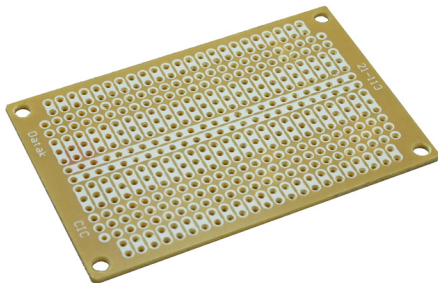
### Features

- Calibrated directly in Celsius
- Linear +10mV/°C scale factor
- 0.5°C ensured accuracy (at +25°C)
- Suitable for remote applications
- Less than 60-μA current drain
- Low Impedance output, 0.1Ω for 1mA load

### Specifications

|                           |                     |
|---------------------------|---------------------|
| IC Output Type            | : Voltage           |
| Sensing Accuracy Range    | : ± 0.6°C           |
| Sensing Temperature Range | : 0°C to +100°C     |
| Sensor Case Style         | : TO-92             |
| No. of Pins               | : 3Pins             |
| Supply Voltage Range      | : 4V to 30V         |
| MSL                       | : MSL 1 - Unlimited |

## Prototyping Board, Small PC, 25 Rows



38C9100

### Specifications

|                 |                   |
|-----------------|-------------------|
| Board Type      | : Prototype Board |
| Hole Diameter   | : 1mm             |
| External Height | : 72mm            |
| External Width  | : 47mm            |
| Board Thickness | : 1.6mm           |

## Operational Amplifier, Dual, 2 Amplifier, 1MHz, 0.6V/μs, 1.8V to 6V, DIP, 8 Pins



96K3734

### Applications

Automotive, Portable Devices, Industrial, Signal Processing, Consumer Electronics

### Features

- Rail-to-rail input and output
- Extended temperature range

### Specifications

|                                   |                  |
|-----------------------------------|------------------|
| No. of Amplifiers                 | : 2 Amplifier    |
| Bandwidth                         | : 1MHz           |
| Slew Rate                         | : 0.6V/μs        |
| Supply Voltage Range              | : 1.8V to 6V     |
| Amplifier Case Style              | : DIP            |
| No. of Pins                       | : 8 Pins         |
| Operating Temperature Range       | : -40°C to +85°C |
| Automotive Qualification Standard | : AEC-Q100       |

## 9V, 1A Arduino Compatible Power Supply Adapter, 110V AC



57AJ6104

### Features

- 2-flat-pin plug
- 110V input voltage
- 9V 1A output voltage
- Connector size: 5.5 x 2.1mm
- Centre or Tip is positive, sleeve is negative

## Arduino Power Supply Splitter, 5.5mm x 2.1mm



### Features

- 5.5×2.1mm female socket to two male plugs on 6inch leads
- Designed for use with the Arduino UNO R3, MEGA 2560 1260
- Powers Arduino board or Raspberry Pi and PS-MB102 board
- Also for use with Arduino expansion shields with 5.5× 2.1mm power jacks

## DAYKIT 10 Pairs 12V Male+Female 2.1×5.5mm DC Power Jack Plug Adapter Connector for CCTV Camera



### Description

This 2.1 x 5.5mm Power Plug features one power connector end DC plug male to another end terminal for CCTV camera connected. It is a perfect solution for those who want to make custom power cable. This CCTV Camera DC Power Connector will provide a great connection. Maximum 5A Current, 3-36V.

### Features

- Female Jack Description:
- No electrical tap, No splicing, no crimping, but only a small screw driver.
- Easier for camera installation, save time and more securer cable connection.
- 5.5mm × 2.1mm Female power plug connector.
- External diameter of the plug: 5.5mm.
- Internal diameter of the plug: 2.1mm.
- Dimension: 38mm(L) × 14mm(W) × 13mm(H).

## Kit Contents

| Order Code | Description  | Quantity |
|------------|--|----------|
| 33AC0214   | Wire, PVC, Red, 22AWG, 0.33mm <sup>2</sup> , 7.6m (25ft)                                       | 1        |
| 38C9100    | Prototyping Board, Small PC, 25 Rows   |          |
| 41K4849    | Temperature Sensor IC, Voltage, ± 0.6°C, 0°C, +100°C, TO-92, 3 Pins                            |          |
| 96K3734    | Operational Amplifier, Dual, 2 Amplifier, 1MHz, 0.6V/μs, 1.8V to 6V, DIP, 8 Pins               | 4        |
| 57AJ6104   | 9V, 1A Arduino Compatible Power Supply Adapter, 110V AC  | 1        |
| 57AJ6105   | Arduino Power Supply Splitter, 5.5mm x 2.1mm   |          |
| 57AJ6106   | DAYKIT 10 Pairs 12V Male+Female 2.1x5.5mm DC Power Jack Plug Adapter Connector for CCTV Camera |          |

## Part Number Table

| Description        | Part Number |
|--------------------|-------------|
| Assortments & Kits | EK210 PACK  |

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