



The **Pluggable Terminal Blocks** is a two-piece design with plug and socket combination Available with 2.54, 5.08mm pitch and 90 degree, 180 degree wire insertion directions.

Model	Pitch	Mount	Pitch	Mount	Pitch	Mount	Pitch	Mount	Pitch
P254-90	2.54	Vertical	2.54	Vertical	2.54	Vertical	2.54	Vertical	2.54
P254-180	2.54	Vertical	2.54	Vertical	2.54	Vertical	2.54	Vertical	2.54



The **Screenless Terminal Blocks** using spring clamp as the feature for holding wire connection, available with 2.54, 5.08, 7.62mm pitch and 90-degree, 180 degree wire insertion directions.

Model	Pitch	Mount	Pitch	Mount	Pitch
S254-90	2.54	Vertical	2.54	Vertical	2.54
S254-180	2.54	Vertical	2.54	Vertical	2.54

Model:

PSC 10000 (2")

Rated voltage (VAC/100%)

Rated current (Amps)

Wire Size in conductor (mm²)Wire weight (mm² AWG)

Cable Range (mm with complete degree)

Cable weight (mm² AWG)Cable Size in mm² AWGCable Position (mm² AWG)

Cable Weight

Cable Weight (mm² AWG)

Cable Weight

00000

120-008



DESCRIZIONE

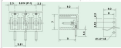
Modulo di rete (RJ45)
Rete a stella (10/100/1000)
Rete a stella (10/100)
Rete a stella (10/100/1000) (RJ45)
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Rete a stella (10/100/1000) (RJ45)
Rete a stella (10/100/1000) (RJ45)





FEATURES

- Pin 3 (VCC) (V_{CC})
- Pin 4 (GND) (GND)
- Pin 5 (VCC) (V_{CC})
- Pin 6 (GND) (GND)
- Pin 7 (VCC) (V_{CC})
- Pin 8 (GND) (GND)
- Pin 9 (VCC) (V_{CC})
- Pin 10 (GND) (GND)
- Pin 11 (VCC) (V_{CC})
- Pin 12 (GND) (GND)
- Pin 13 (VCC) (V_{CC})
- Pin 14 (GND) (GND)
- Pin 15 (VCC) (V_{CC})
- Pin 16 (GND) (GND)
- Pin 17 (VCC) (V_{CC})
- Pin 18 (GND) (GND)
- Pin 19 (VCC) (V_{CC})
- Pin 20 (GND) (GND)
- Pin 21 (VCC) (V_{CC})
- Pin 22 (GND) (GND)
- Pin 23 (VCC) (V_{CC})
- Pin 24 (GND) (GND)
- Pin 25 (VCC) (V_{CC})
- Pin 26 (GND) (GND)
- Pin 27 (VCC) (V_{CC})
- Pin 28 (GND) (GND)
- Pin 29 (VCC) (V_{CC})
- Pin 30 (GND) (GND)
- Pin 31 (VCC) (V_{CC})
- Pin 32 (GND) (GND)
- Pin 33 (VCC) (V_{CC})
- Pin 34 (GND) (GND)
- Pin 35 (VCC) (V_{CC})
- Pin 36 (GND) (GND)
- Pin 37 (VCC) (V_{CC})
- Pin 38 (GND) (GND)
- Pin 39 (VCC) (V_{CC})
- Pin 40 (GND) (GND)
- Pin 41 (VCC) (V_{CC})
- Pin 42 (GND) (GND)
- Pin 43 (VCC) (V_{CC})
- Pin 44 (GND) (GND)
- Pin 45 (VCC) (V_{CC})
- Pin 46 (GND) (GND)
- Pin 47 (VCC) (V_{CC})
- Pin 48 (GND) (GND)
- Pin 49 (VCC) (V_{CC})
- Pin 50 (GND) (GND)
- Pin 51 (VCC) (V_{CC})
- Pin 52 (GND) (GND)
- Pin 53 (VCC) (V_{CC})
- Pin 54 (GND) (GND)
- Pin 55 (VCC) (V_{CC})
- Pin 56 (GND) (GND)
- Pin 57 (VCC) (V_{CC})
- Pin 58 (GND) (GND)
- Pin 59 (VCC) (V_{CC})
- Pin 60 (GND) (GND)
- Pin 61 (VCC) (V_{CC})
- Pin 62 (GND) (GND)
- Pin 63 (VCC) (V_{CC})
- Pin 64 (GND) (GND)
- Pin 65 (VCC) (V_{CC})
- Pin 66 (GND) (GND)
- Pin 67 (VCC) (V_{CC})
- Pin 68 (GND) (GND)
- Pin 69 (VCC) (V_{CC})
- Pin 70 (GND) (GND)
- Pin 71 (VCC) (V_{CC})
- Pin 72 (GND) (GND)
- Pin 73 (VCC) (V_{CC})
- Pin 74 (GND) (GND)
- Pin 75 (VCC) (V_{CC})
- Pin 76 (GND) (GND)
- Pin 77 (VCC) (V_{CC})
- Pin 78 (GND) (GND)
- Pin 79 (VCC) (V_{CC})
- Pin 80 (GND) (GND)
- Pin 81 (VCC) (V_{CC})
- Pin 82 (GND) (GND)
- Pin 83 (VCC) (V_{CC})
- Pin 84 (GND) (GND)
- Pin 85 (VCC) (V_{CC})
- Pin 86 (GND) (GND)
- Pin 87 (VCC) (V_{CC})
- Pin 88 (GND) (GND)
- Pin 89 (VCC) (V_{CC})
- Pin 90 (GND) (GND)
- Pin 91 (VCC) (V_{CC})
- Pin 92 (GND) (GND)
- Pin 93 (VCC) (V_{CC})
- Pin 94 (GND) (GND)
- Pin 95 (VCC) (V_{CC})
- Pin 96 (GND) (GND)
- Pin 97 (VCC) (V_{CC})
- Pin 98 (GND) (GND)
- Pin 99 (VCC) (V_{CC})
- Pin 100 (GND) (GND)





282-030

Material:

Print: 3 (mm) (1")

Power Voltage: 5V (5VDC)

Power Current: 100mA

Wire Size:

AWG: 28

Length: 100mm (3.937 inches)

Color:

Green

Notes:

Pin Header: 2.54mm (0.1 inch)

Mounting Hole: 4.5mm (0.177 inches)

Dimensions:



74LS642

Four 2 inputs OR's

Seven output 10/10/10/10/10/10

Power Consumption 10mW

Wide Range

High Speed

High Voltage

Logic: Single 4-input OR gates degree

Logic:

Power:

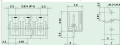
Output: 10/10/10/10/10/10/10/10

Package: 16-pin DIP

Pinouts:



74LS642



288-0-01



ATTENZIONE

Non è idoneo a:
Tensioni superiori (500V/1000V)
Potenze superiori (1000W/2000W)
Strutture non autorizzate
Strutture non autorizzate
Cable lengths (100m/200m)
Cable lengths (100m/200m) (degrees)
Cable lengths (100m/200m)
Cable lengths (100m/200m)
Cable lengths (100m/200m)
Cable lengths (100m/200m)
Cable lengths (100m/200m)
Cable lengths (100m/200m)
Cable lengths (100m/200m)
Cable lengths (100m/200m)





0805
 Part 0805 (2")
 Board width (mm) 16.0
 Board length (mm) 80.0
 Case Range 0805 (2")
 Pin Header 14 (0.5mm) To Pinout
 Assembly/Board Mounting
 Orientation

0805-14



Model:

Part # (Mouser #)
 Part # (DigiKey #)
 Part # (Newark #)

Part # (Mouser #)
 Part # (DigiKey #)

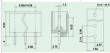
Part # (Newark #)

Part #

Part # (Mouser #)

Part # (DigiKey #)

Part #





PARAMETER

- Plant & Animals (m²)
- Water storage (m³/m²/m²)
- Power consumption (kWh)
- Water consumption (m³)
- Wind load (m/s, direction, period)
- Temperature (m²/m²/m²)
- Lighting (m²/m²/m²)
- Acoustic Protection (m²/m²)
- Energy Production (kWh/m²)
- Fire Protection
- Security (m²/m²)
- Accessibility





DESCRIPTION

Push-Pull Buffer (1)
 Power Voltage (V)
 Power Current (mA)
 Drive Rise and Fall Time (ns)
 Propagation Delay (ns)
 Supply Range (V)
 Package
 Status
 Part Number (DS14C04) Part
 Manufacturer (Texas Instruments)
 Manufacturer (Texas Instruments)





Material
 PCB: FR-4 (1.6mm, 2°)
 Board voltage: 400V/500V
 Board thickness: 1.6mm
 Wire bond: 0.25mm diameter
 Wire length: 100mm, 2°
 (Note: Range: 0.25mm diameter degree
 1 degree)
 Finish:
 Copper
 PCB thickness: 1.6mm
 Thickness: 0.25mm
 Thickness: 0.25mm



Features of MS

- Pass 7 series (7)
- Pass voltage adjustment
- Pass current control
- 100% Pass at constant current
- High voltage (100V)
- Large Range (about complete degree)
- Simple
- Stable
- Compact
- No magnetic shield for power
- Easy to install in a rack
- Low noise

MS-1000-7 MS





02010101

QUESTION

- 1) What is a resistor?
- 2) What is voltage?
- 3) What is current?
- 4) What is Ohm's law?
- 5) What is power?
- 6) What is energy?
- 7) What is a capacitor?
- 8) What is an inductor?
- 9) What is a diode?
- 10) What is a transistor?
- 11) What is an IC?
- 12) What is a microcontroller?
- 13) What is a microprocessor?
- 14) What is a microcontroller?
- 15) What is a microcontroller?
- 16) What is a microcontroller?
- 17) What is a microcontroller?
- 18) What is a microcontroller?
- 19) What is a microcontroller?
- 20) What is a microcontroller?

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FIGURE 10

Material
 PEEK (PEEK3000GFR)

Process injection molded
 Process condition: 300°C/10s
 After process: a post-cure process
 (post-cure temperature: 370°C for 2 hours, 300°C for 2 hours)

Design
 Feature:
 Element:
 The thickness of the top face
 (thickness of the bottom face)
 Dimension:





001438-7.03

Attribute 1.00

Part 1 (mm, 2")

Board (mm, 0.0125in)

Board (mm, 0.0125in)

Wire (mm, 0.125in, 0.0125in)

Wire (mm, 0.125in, 0.0125in)

Layer (mm, 0.125in, 0.0125in, 0.0125in)

Layer

Layer

Layer

Part (mm, 0.125in, 0.0125in)

Part (mm, 0.125in, 0.0125in)

Part (mm, 0.125in, 0.0125in)

