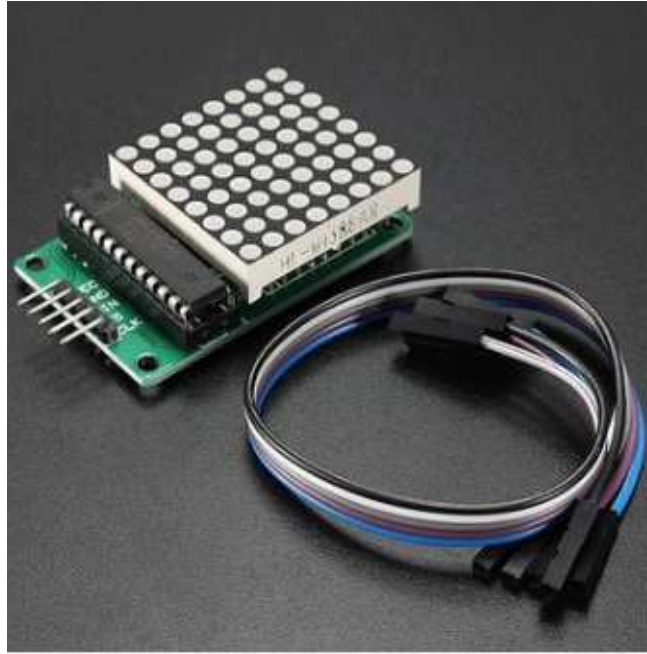


**MATRIZ DE LEDS CON CONTROLADOR INCLUIDO, COMPATIBLE CON ARDUINO, PIC, ETC....**



**MAX7219 Dot Matrix Module MCU LED Control Module Kit For Arduino**

**Specifications:**

A single module can drive an 8 x 8 common cathode lattice

Operating voltage: 5V

Size: 5 x 3.2 x 1.5 cm (L x W x H)

LED color: red

With four screws hole, aperture 3mm

With input and output interfaces, supports multiple modules cascade

**Wiring instructions:**

1. The module left side as an input port and the output port on the right
2. To control a single module, just connect the input port to the CPU
3. When cascading multiple modules, the input port of the first module connect to the CPU, the output port connect to the input port of the second one, and so on.

In the case of 51 MCU:

VCC → 5V

GND → GND

DIN → P22

CS → P21

CLK → P20

Note:

1. VCC and GND is not reversed, it would burn the chip!
2. When the 51 microcontroller P0 port controlling, must be connected to the pull-up resistor, it is recommended that the resistance of 4.7K--10K
3. Please install lattice into the round hole first, and then insert the round hole to PCB board and weld. Face the side of lattice with words, from left to right pin order is 123456. PCB board 1st pin is square pad!
4. Electrolytic capacitors long-pin as positive, short-pin as negative; ceramic capacitor has no positive and negative points

Package included:

1 x LED module

5 x Dupont line (20cm)

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