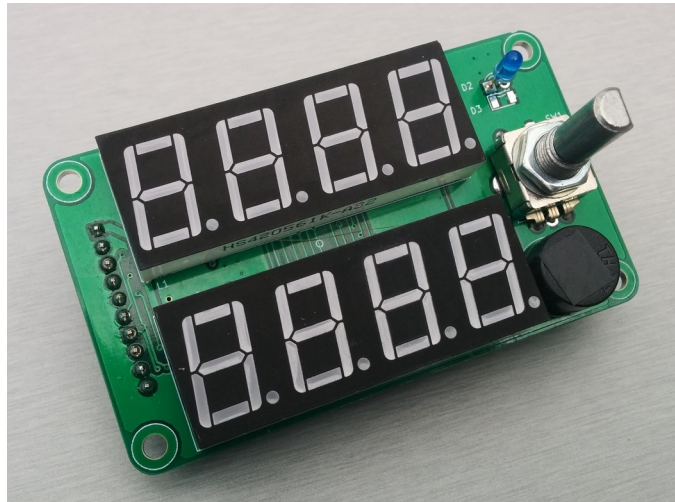# MAX72719 8 Digit LED Display Type B
August 2018

Features

- 8 Digit by 2 line LED Display

- 0.56" Red LED

- Uses the MAX7219 Driver IC

- Included Rotary Encoder

- Speaker for alert tones with driver

Description

The type B display is a two line 8 digit (4 plus 4) display using a MAX7219 display driver. The module is made up of two 4 digit LED displays with the MAX7219 mounted on the rear and a 10 pin 2.54mm header for connections.

Also mounted on the board is a rotary encoder and a speaker with transistor driver. The speaker input is at logic level and active high, it is intended for alert tones only not voice or music.
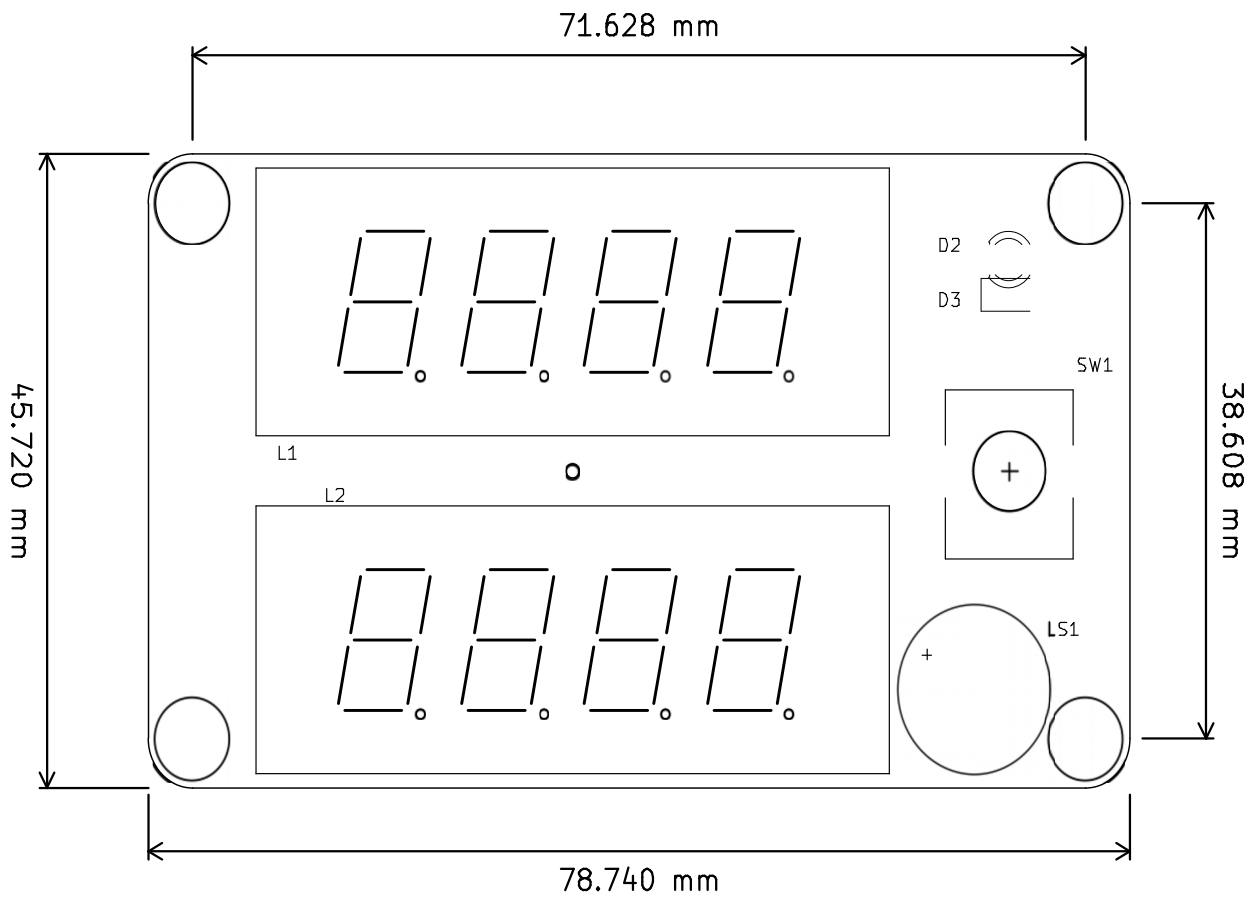
Applications

Typical applications include Voltage and Current readouts for power supply or measuring instruments. Thermostatic control displays or timers. A backing board with ESP8266 and power supply is also available.

10 Way Header Connections (10 pin 2.54mm Header)

Pin - 1	+5V Supply
Pin - 2	GND Supply
Pin - 3	MAX7219 - Data-In
Pin - 4	MAX7219 - CS
Pin - 5	MAX7219 - CLK
Pin - 6	MAX7219 - Data-Out
Pin - 7	Speaker, logic level input active high _Π_
Pin - 8	Rotary Encoder A
Pin - 9	Rotary Encoder B
Pin - 10	Rotary Encoder B

PCB Size and hole positions

71.628 mm

45.720 mm

38.608 mm

78.740 mm

D2
D3
SW1
L1
L2
LS1

Rear view