

Qwiic Alphanumeric Displays

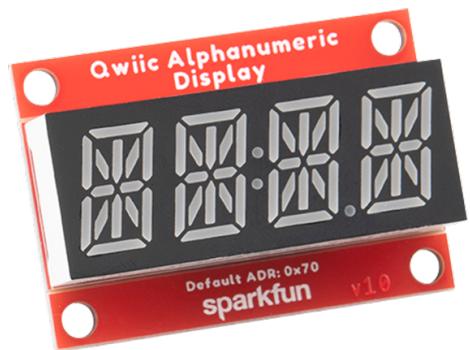
Product Overview

09/28/2022

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

SparkFun Qwiic Alphanumeric Displays are fourteen-segment digits that display all sorts of numbers, characters, and symbols. These displays are available in blue, white, red, and purple colors. The Arduino library makes printing strings to the display as easy as calling the print() function. This library allows the user to send I²C commands to the VK16K33 LED driver chip to light up segments (including the decimal point or colon) and scroll the string across the display. The alphanumeric displays feature a 3.3V operating voltage, 13x3 matrix key scan circuit, integrated RC oscillator, and 16-step dimming circuit.



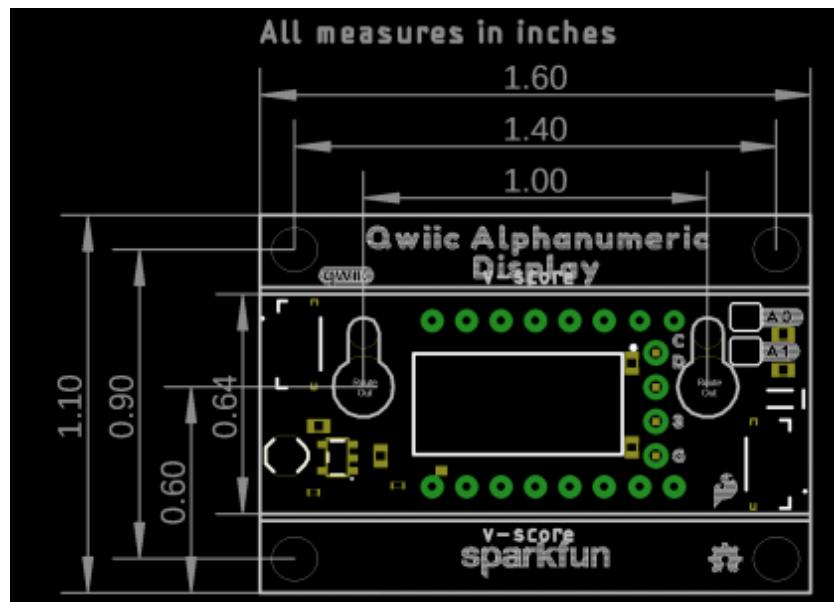
Features

- Blue, white, red, and purple color displays
- 3.3V operating voltage
- Integrated RC oscillator
- Maximum display segment numbers, 128 patterns
- 13x3 matrix key scan circuit
- 16-step dimming circuit
- I²C addresses 0x70 (0x71, 0x72, and 0x73)
- 2x Qwiic connectors
- 2x wall mounting points

Schematic

- [Qwiic Alphanumeric Displays](#)

Board Dimensions



Mouser Part Numbers

[View All Parts](#)

To learn more, visit <https://www.mouser.com/new/sparkfun/sparkfun-qwiic-alphanumeric-display/>