

Keypad - 16 Button (Alphanumeric)

DD-14881

DESCRIPTION

DOCUMENTS

This is a basic 16 button keypad that has been designed for easy user input and functionality. The buttons are set up in a matrix format which allows a microcontroller to 'scan' the 8 output pins to see which of the 16 buttons is being pressed.

Each of the keypad's 16 buttons has been labeled 1, 2, 3, A, 4, 5, 6, B, 7, 8, 9, C, 0, *, #, and D and has been formatted to into the same layout as a telephone keypad with each keypress resistance ranging between 10 and 625 Ohms. We've also made sure to create an updated pin-out for this keypad since it is different from the 12 button keypad. The pin-out can be found in the Documents tab above.

Note: Since this product belongs to our "Ding & Dent" category, once we are out of stock, we will not carry it again. Get them while you can! We also cannot accept requests/returns/exchanges, provide documentation or provide support on any aspect of these items.

Tags

BUTTON

COMPONENT

KEYPAD

SWITCH

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Keypad - 16 Button (Alphanumeric) Product Help and Resources

SUPPORT TIPS

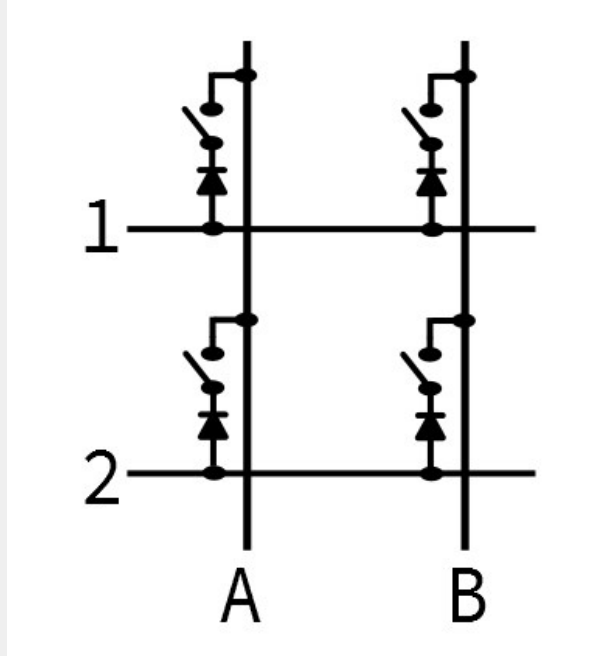
SKILLS NEEDED

Partial Examples to Get Started

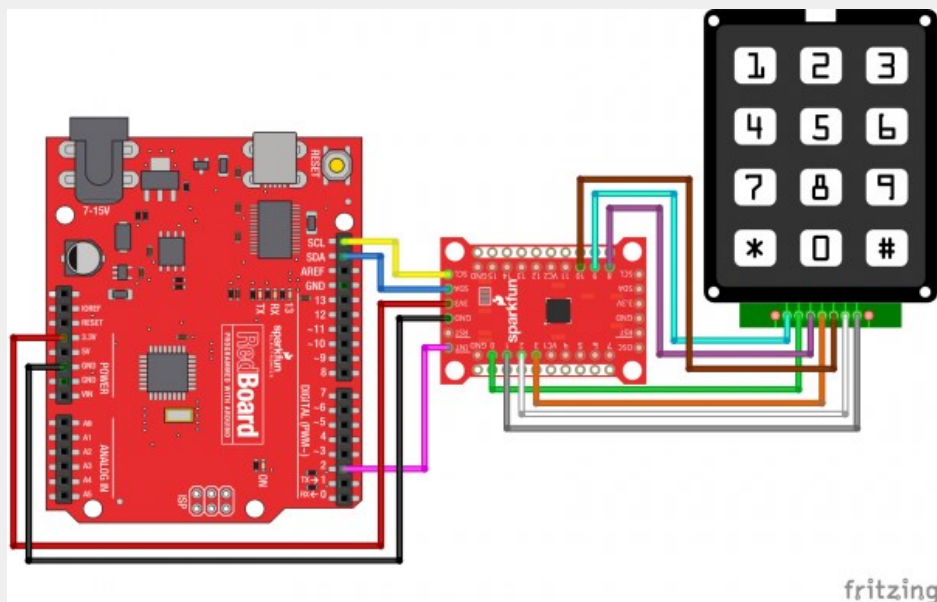
last updated yesterday

Below are a few examples that can be used with the keypad to get started. With some modifications and additions, all keys can be used with the 16 button keypad

- Try looking at the [Turn Your Pro Micro Into a USB Keyboard/Mouse: HID USB Keypad](#) example to get started with the 16 button keypad. You will need to adjust the code for the additional 4 button presses, use input pullup resistors so that the pins are not floating, and ensure that the pinout is connected to the respective pin definitions.
- For additional information on Matrix Scanning, check out the [Button Pad Hookup Guide: Background - An Introduction to Matrix Scanning](#) for an application circuit when using a button matrix.



- There is also an [Arduino.cc keypad library](#) that you can use.
- Try using the [I/O expander](#) to control the LED pins. Here's an example with the 12-button keypad:



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