Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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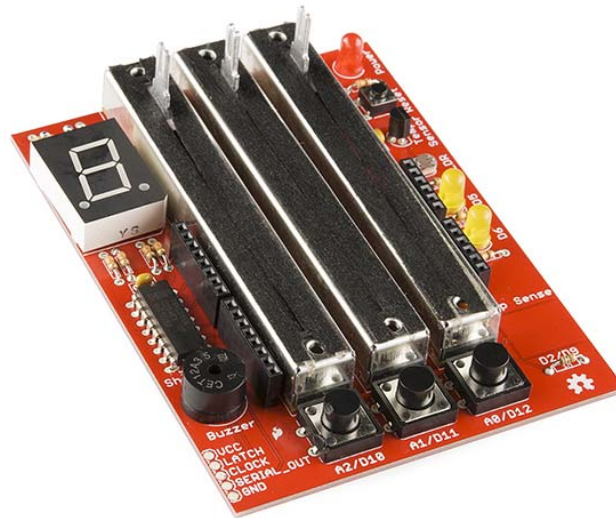Email & Skype: info@chipsmall.com Web: www.chipsmall.com
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SparkFun Danger Shield

DEV-11649 RoHS

Description: The SparkFun Danger Shield mounts on top of your Arduino or Arduino Pro and equips it with a variety of fun and useful inputs and outputs. The Danger Shield has so much potential; we can't wait to see what you're able to do with it! The shield's features include:

- Three linear slide potentiometers connected to the Arduino's analog pins 0 through 2.
- Red and yellow LEDs connected to digital pins 5 and 6 - PWM pins - so you can easily vary their brightness.
- Three momentary push buttons connected up to the Arduino's digital pins 10 through 12. Those lines will go low when the buttons are pressed.
- A photocell and a temperature sensor, both with analog outputs, are connected to the analog pins 3 and 4, respectively.
- An 8-bit shift register set up to control a blue 7-segment LED.
- A buzzer - so you can get sound out of your Arduino
- Capacitive Touch pad - Using the CapSense library to sense touch.

This product comes as a kit of parts, which you'll have to solder into the included PCB. All parts are through-hole so it should go together relatively easily; but always check your component orientation before soldering!

Kit Includes:

- 1x PCB Danger Shield Kit
- 3x Slide Potentiometers - 10K
- 1x 7-Segment LED - Blue
- 1x 8-bit Shift Register - 74HC595
- 1x Temperature Sensor - TMP36
- 1x Miniature Photocell
- 1x Piezo Speaker
- 1x Basic LED - Red
- 2x Basic LEDs - Yellow
- 1x Mini Push Button
- 3x Momentary Push Buttons - 12mm Square
- 11x Resistors - 330 Ohm
- 1x Resistors - 10K Ohm
- 1x Resistor 1M Ohm 1/6W
- 2x 8-pin Arduino Stackable Headers
- 2x 6-pin Arduino Stackable Headers