



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!



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Mini Analog Joystick – 10K Potentiometers

PRODUCT ID: 3102



Description

Sometimes a simple analog control device can be the perfect tactile solution for your project, but they can be surprisingly hard to come by. Luckily we've found a low cost, quality **Mini Analog Joystick** to fill your directional analog input needs!

Unlike most arcade-style joysticks which come with four clicking switches, this product has two 10K Ω potentiometers and a spring-back system. You can get a full 50 degrees in both X and Y directions. Connect one side of each potentiometer to ground, and the other side to a higher voltage and read the analog voltage off the middle. Great for robotics and other control interfaces. This joystick is durable and has a great feel to it. You could replace the springs if you want a stronger or weaker spring-back force.

Technical Details

Resistance Value: 10 Kohm

Resistance Tolerance: $\pm 10\%$

Independent Linearity: $\pm 1\%$

Temperature Coefficient Resistance: $\pm 400\text{ppm}/^\circ\text{C}$

Output Smoothness: 0.5% max

X and Y Axis range: $\pm 25^\circ$

Mechanical Lifecycle: 500,000 cycle

Operating Temperature Range: $-10\sim 80^\circ\text{C}$

Product Dimensions: 67.4mm x 52.7mm x 52.7mm / 2.7" x 2.1" x 2.1"

Product Weight: 55.9g / 2.0oz

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