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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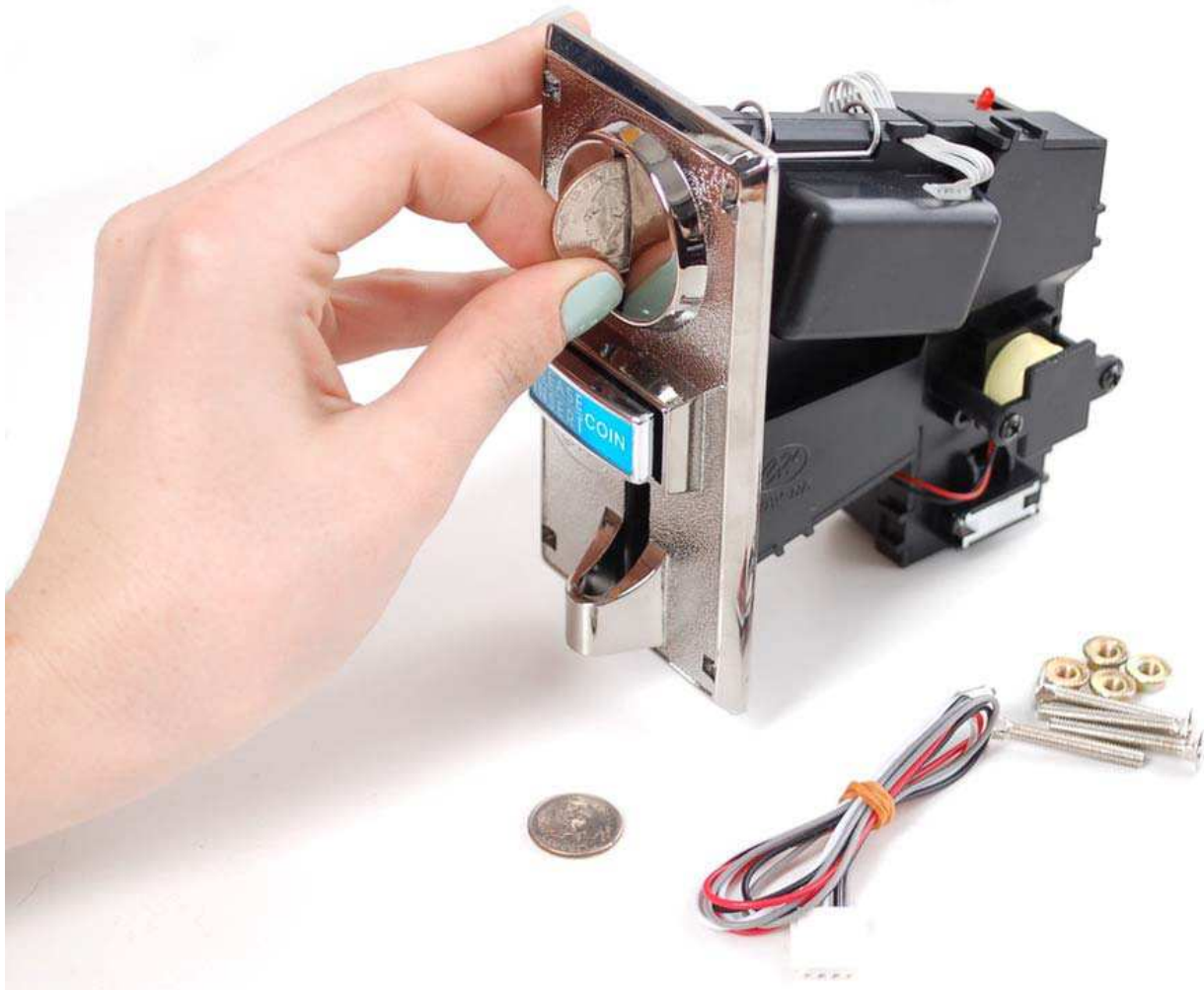Email & Skype: info@chipsmall.com Web: www.chipsmall.com
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SENSORS / COIN

Coin Acceptor – Programmable 4 Coin Type
PRODUCT ID: 787

DESCRIPTION −

Your project may be free-as-in-speech, but that doesn't mean it has to be free-as-in-beer. This handy coin validator/acceptor module is just like the ones you've seen in arcades. This model has the cool ability to accept up to 4 different coins! For example, you can program it for 4 different US coins, or European, or Japanese OR you can have it accept 4 coins from different countries – say a Chinese Yuan, Japanese Yen, American Quarter and European Euro. First you'll have to program it with what coins you want it to accept. Any coin from 15mm to 29mm in diameter can be used. Each coin is assigned a number of pulses, so for example, a nickel should be 1 pulse, a dime, 2 pulses, a quarter 5 pulses and a half dollar 10 pulses. When a valid coin is inserted, the output line will pulse for 20-60ms (configurable). The acceptor looks for diameter, thickness, dropping speed, etc to determine if a coin is valid.

Comes with the acceptor itself, mounting hardware, and a cable for power/signal. The coin falls through, you choose how and where to store them.

To program the validator, go through the instruction sheet – you'll need about 20 of each coin to help program the acceptor. After programming, connect a 10K (1K to 100K is fine) pullup resistor from the white wire to your microcontroller's VCC line (for Arduino, this is a +5V). Insert different coins, and verify that the coin line pulses high for about 40 milliseconds the right number of times.