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

CamJam EduKit 3 - Robotics

The third in the series is here! The CamJam EduKit #3 is focused on robotics and contains (almost) everything you need to create your very own Raspberry Pi-powered robot. All you need to do is to add your own chassis, Raspberry Pi (any model) & batteries! Then, follow the worksheets to make your own motorized buggy. Add the included sensors and you will soon be detecting objects in front of your robot and following line courses. Included in the kit are the following components:

- A custom-designed, pre-soldered motor controller board (with screw terminals)

- Two DC motors (with wires pre-soldered)

- Two custom red wheels (which go extra fast? because they?re red!)

- A ball castor (used as the ?third wheel? to your robot)

- A small breadboard (to create your circuits)

- Two pieces of strong 3M padded double-sided tape

- A battery box for 4 AA batteries (batteries not included)

- An ultrasonic distance sensor (for detecting objects in front of your robot)

- A line follower sensor (for detecting and following black lines)

- Resistors and jumper cables with which to complete your circuits

- A strong cardboard box to keep it all in? or to cut into to make your chassis!