



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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Pi Supply



## DiddyBorg V2 Robot Kit – Purple

**Our most popular Raspberry Pi robot kit DiddyBorg is back with faster motors and a newly designed chassis! The idea remains the same, a 6 wheeled high-torque robotics platform, but give everyone the ability to add lots of extra functionality and get your robot to perform a wide range of tasks.**

Want to detect objects in your DiddyBorg's path? Add the ultrasonic mounts at the front and back. Need to use a servo to move a robotic arm? Mount them on the multifunction top and go!

You could even add the Raspberry Pi touch screen and turn your robot into a touchscreen controlled turtle.

A Raspberry Pi B+/2/3/3B+ and SD card are required to complete your DiddyBorg v2, they are not included. DiddyBorg v2 optionally supports the Pi Camera, also not included.

## **Specifications**

Basic DiddyBorg v2 comes with:

- Chassis: Laser cut 3mm Cast Acrylic Perspex™ in Purple now designed and cut at PiBorg.
- Six 1:83 (100rpm) metal gear 12V 400mA PiBorg motors.
- Our ThunderBorg 5A dual output motor controller including LED indicator, power regulator and PWM control.
- On/Off switch.
- Full build instructions.
- Code library and example scripts.

There are two additional styles of top available for the DiddyBorg v2:

- The Multifunction Top with mounting holes for servos and adaptable mounting points for an additional Raspberry Pi 3, Raspberry Pi Zero or Zero W or the Arduino Uno.
- The Touch Top which takes the Raspberry Pi 7" touch screen. These can be used in addition to the basic kit in a number of combinations!

We also have a sensor mounting kit which includes mounts for 4x ultrasonics and a second pi camera.



<https://uk.pi-supply.com/products/diddyborg-v2-robot-kit-purple> 7-26-18