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!
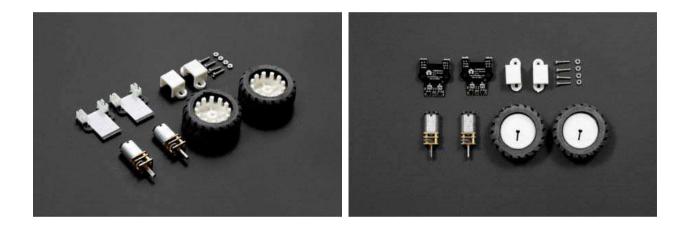
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MiniQ Motor Wheel Set with Encoder

SKU:KIT0015

INTRODUCTION

This MiniQ motor wheel set is especially designed for education and hobbies. It features a powerful metal gear motors which provide a speedy robot. With buildin encoders, it can do PID speed control which is Ideal for maze competition and education purpose.Easily for assembling to the chassis.You can drive this robot with our Romeo (an Arduino Robot Control Board with Motor Driver),or other motor drivers.

SPECIFICATION

- Encoder Specification
  - Working Voltage:3.3V or 5V
  - Working Current:<14mA @5V
  - Pulse Output:48 per revolution
  - Compatibility:42mm x 19mm (1.65x0.75") wheel
- Motor Specification
  - 13000 rpm @ No load
  - 50:1 Gear ratio
  - 260 rpm @ 6V
  - 40mA @ 6V
  - 360mA stall current @ 6V
  - 10 oz inches torque @ 6V

SHIPPING LIST

- Two N20 Motors (SKU:FIT0094)   x2
- Two Rubber Wheels (SKU:FIT0085)   x2
- One Pair Motor brackets (SKU:FIT0160)   x1
- Two Encoders (SKU:SEN0116)   x2