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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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## 4WD Mobile Platform (SKU:ROB0003)

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### Introduction



The DFRobot 4WD Arduino Mobile Platform is intended for use with the [DFRobot RoMeo Microcontroller](#). It includes 4 drive motors, 4 wheels and an attachable chassis. The chassis can be mounted on top of the base of the 4WD Mobile Platform -- by serving as a "second level," the chassis allows you to add more electronics (such as sensors, etc) while also providing space for a standard [servo](#) motor. The body of the 4WD Mobile Platform is comprised of high-strength aluminum alloy, which makes it both sturdy and lightweight. This makes it ideal for use on outdoor grass, gravel, sand or sloped surfaces, to name a few.

Through use of the RoMeo Microcontroller, Bluetooth, and its capacity for servos and additional electronics, the 4WD Arduino Mobile Platform is highly customizable, making it well-suited for robot competitions and research-related projects.

- Designed for use with [RoMeo Microcontroller](#), a versatile microcontroller for mobile robots
- 4WD Arduino mobile robot development platform
- 4 high-quality micro-speed motor
- Electrical supply voltage: 3 ~ 12V
- Complete chassis with mounting hardware

- Can be customized through addition of sensors & servos

## Specifications

- 4WD Mobile platform Motors: 3-12V DC
- Speed: 90cm/s
- Dimensions: 200mm x 170mm x 105mm

## Motor Specifications

- Gear Ratio 1:120
- No-load speed(3V):100RPM
- No-load speed(6V):200RPM
- No-load current(3V):60mA
- No-load current(6V):71mA
- Stall current(3V):260mA
- Stall current(6V):470mA
- Torque (3V): 1.2Kgcm
- Torque (6V): 1.92Kgcm
- Size: 55mm x 48.3mm x 23mm
- Weight:45g