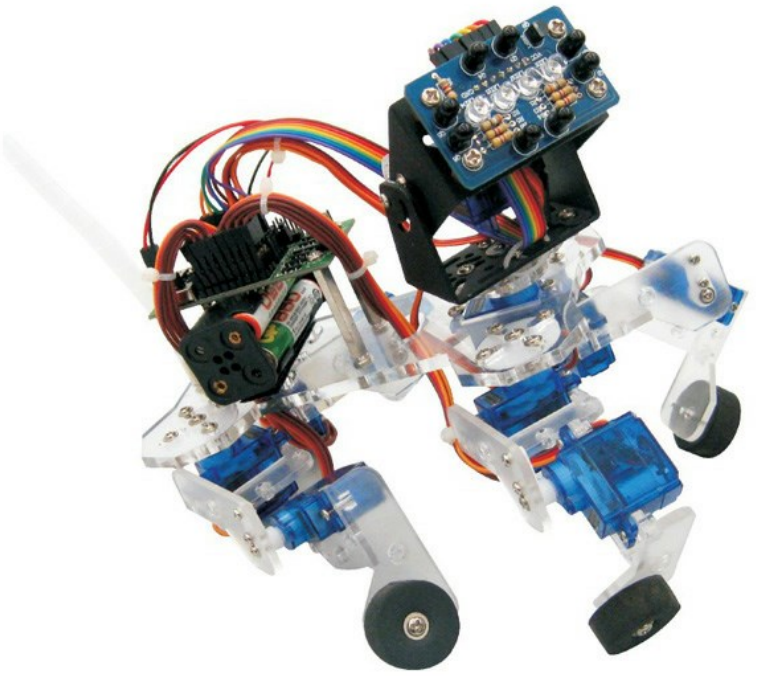

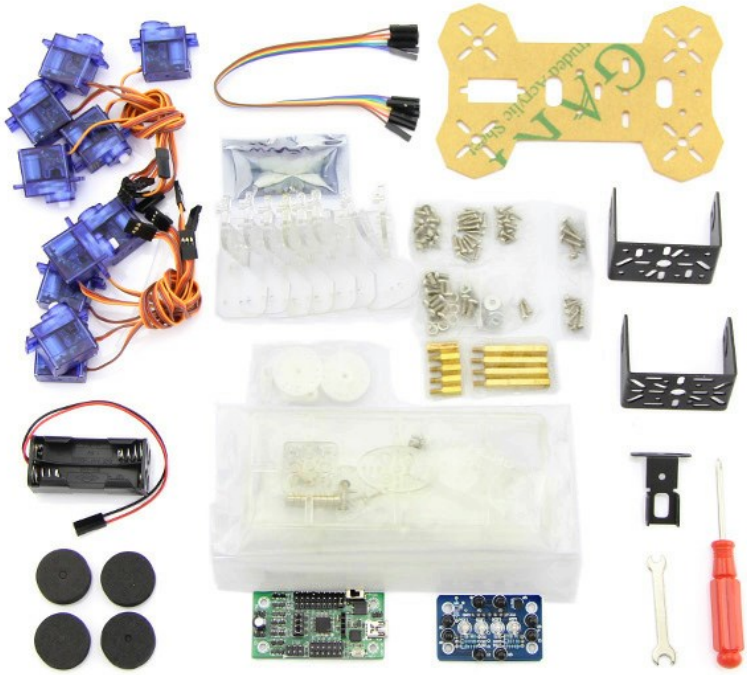

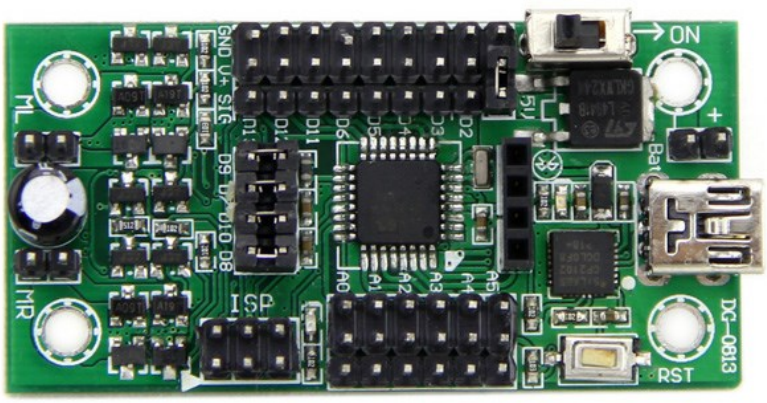
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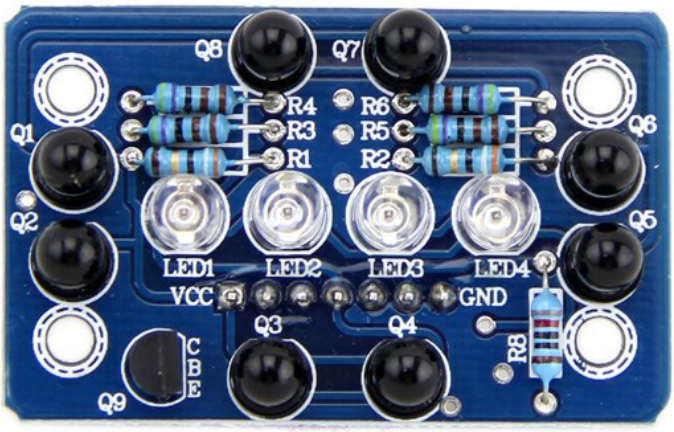

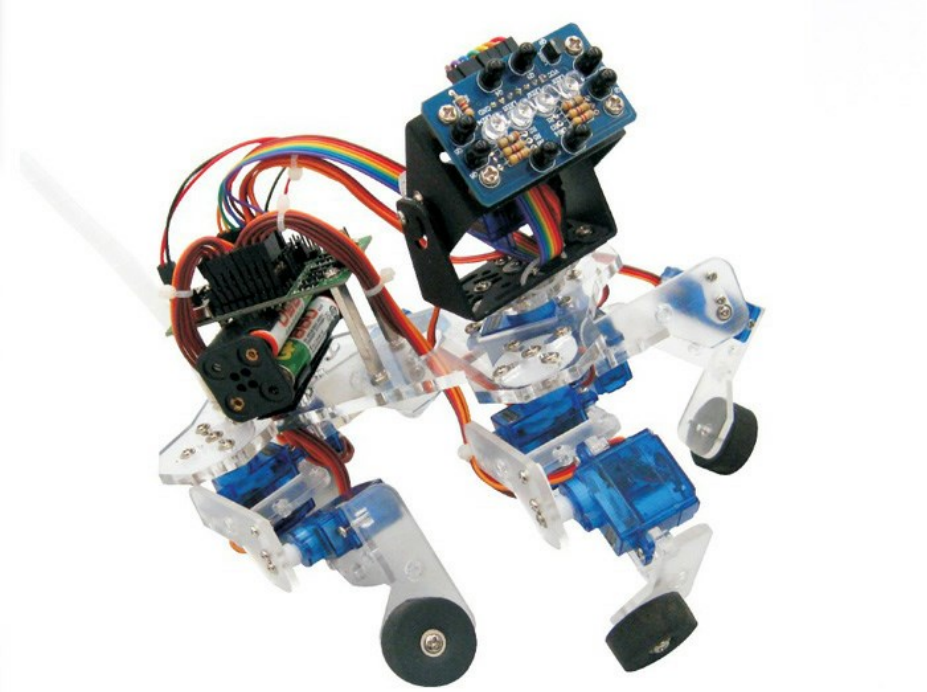

Playful Puppy Quadruped Robot Kit

SKU 110990106 Read all reviews

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Description

DAGU Playful Puppy Quadruped Robot kit consists of an ATmege8, 10 servo driver, IR compound eye and etc. This small quadruped robot is easy to assemble with no soldering required and can be programmed using the Arduino IDE and a USB cable.

The robot detects and tracks movement of nearby objects using a simple infrared compound eye. This sensor measured the reflected light from its infrared LEDs using 4 pairs of photo transistors. As sunlight is a strong source of infrared light this sensor will not work outdoors.





Features

Arduino compatible robot controller with USB interface.

Laser cut, transparent acrylic base plate.

10x 9g miniature servos.

1x pan tilt assembly with magnetic servo clutches.

No soldering required.

Specification

Size: 140*120*130mm

Weight: 250g（not include Li-Poly）

Working Voltage: 7.4V

Working current: 0.5~1.5A

Suggest that the power supply: 7.4V 2300 20C Li-Poly

Part List

1 x Base plate

10 x 9g geared motor

4 x Round servo horn

4 x Servo horn-2

2 x 9g servo clutchplate

1 x Clutch-drop shape

8 x Leg segment

16 x 5x3mm magnet

4 x EVA feet

1 x Servo mounting bracket

1 x Pan-tilt bracket-1

1 x Pan-tilt bracket-2

4 x M2.6*12 self-tapping screw with flange

16 x M2.2*8 self-tapping Screw

6 x M2*5 self-tapping screw with flange

16 x M2*6 self-tapping screw with flange

12 x M2*6 self-tapping screw

4 x M2*8 self-tapping screw with flange

2 x M2.3*12 self-tapping screw

10 x M3*6 screw

2 x M3*8 screw

10 x M3 nut

1 x M3 Nyloc nut

5 x Washer

4 x L9 brass spacer

4 x L30 brass spacer

1 x Velcro adhesive strips male

1 x Velcro adhesive strips female

1 x L15 spacer

4 x Glassine washer

1 x IR compound eye

1 x Mini Driver board

1 x Battery holder

1 x Clutch-elliptical shape

1 x 7 core rainbow cable

1 x Spiral wrap tail

Documents

Puppy Instruction manual (This is a big document, don't open it in your web brower, please download directly.)

Technical Details

Dimensions	220mm x 180mm x 80mm
Weight	G.W 497g
Battery	Exclude

ECCN/HTS

ECCN	Not Available
HSCODE	9023009000

Certification

RoHSCompliant

Reviews

I really like this product. It's actually quite a cool little robot and it's Arduino which I really like because it's easily modifiable. I've been wanting to get into robotic movement for a while and this is exactly what I wanted. I would've given it a five star but unfortunately my board came with a dead PIN which means one of the leg motor doesn't work and there doesn't seam to be any warranty available for this product so I can't get my board replaced.

May 23,2018 by drthalie

Was this review helpful ?

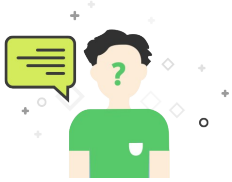
0

Seeed Customer Service:

Hi there~ Sorry for the imperfection.This product is out of stock, so we can not replace it for you. Please contact our email, perhaps, we can offer some discount or coupon to express our apologies, you can use it next time. By the way, we are glad that you enjoy this product. Have fun with it. Email: techsupport@seeed.cc

Questions and Answers

Have a question about this? Ask people who



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