Micro Servo with 3-pin JST Cable

Product ID: 4326

Product Overview

10-18-2021

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

Adafruit Micro Servo with 3-pin JST Cable features 180 degrees of motion and can be controlled by any servo code, hardware, or library. This servo operates well with the motor shield for Arduino or by just wiring up with the servo library. The micro servo consists of a 3-pin JST PH cable at the end. This makes the servo perfect for plug-and-play support with any board having a 3-pin STEMMA connector. This servo offers a torque of 1.6kg-cm and operates at -30°C to 60°C temperature range. The micro servo is RoHS2 compliant and is available in 23mm x 11mm x 29mm dimensions. This servo is ideal for users who wants to create projects without building a motor controller with feedback and gearbox.

Features

- Can rotate approximately 180 degrees
- Can use any servo code, hardware, or library
- Works great with the motor shield for Arduino
- Perfect for plug-and-play support boards having 3-pin STEMMA connectors
- Has a 3-pin JST PH cable at the end
- 19cm-long JST cable is color-coded:
  - Black for GND
  - Red for 5V
  - White for Data

Specifications

- 3V_{DC} to 6V_{DC} voltage range
- 9gm weight
- 0.12sec/60 speed @ 4.8V
- RoHS2 compliant
- 1.6kg-cm torque -30°C to 60°C operating temperature range
- 23mm x 11mm x 29mm dimension

Mouser Part Number(s)

View Part

To learn more, visit https://www.mouser.com/new/adafruit/adafruit-micro-servo/