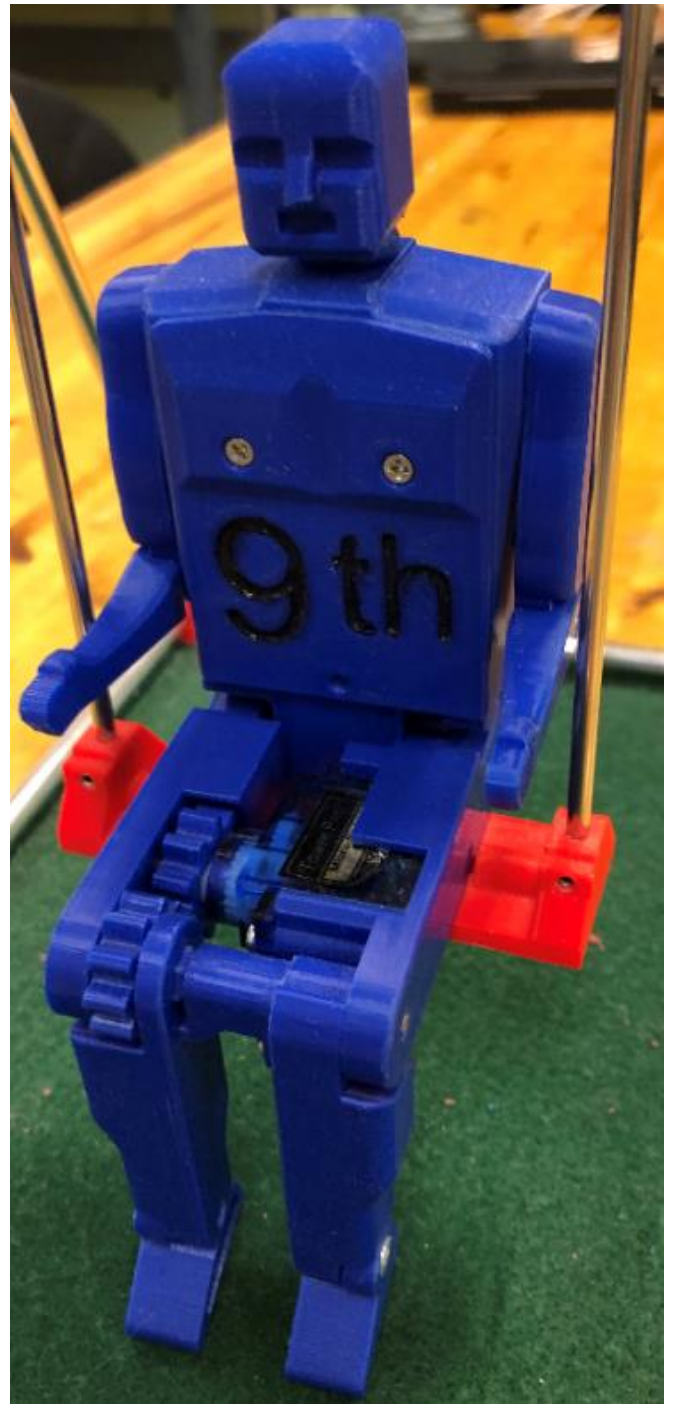
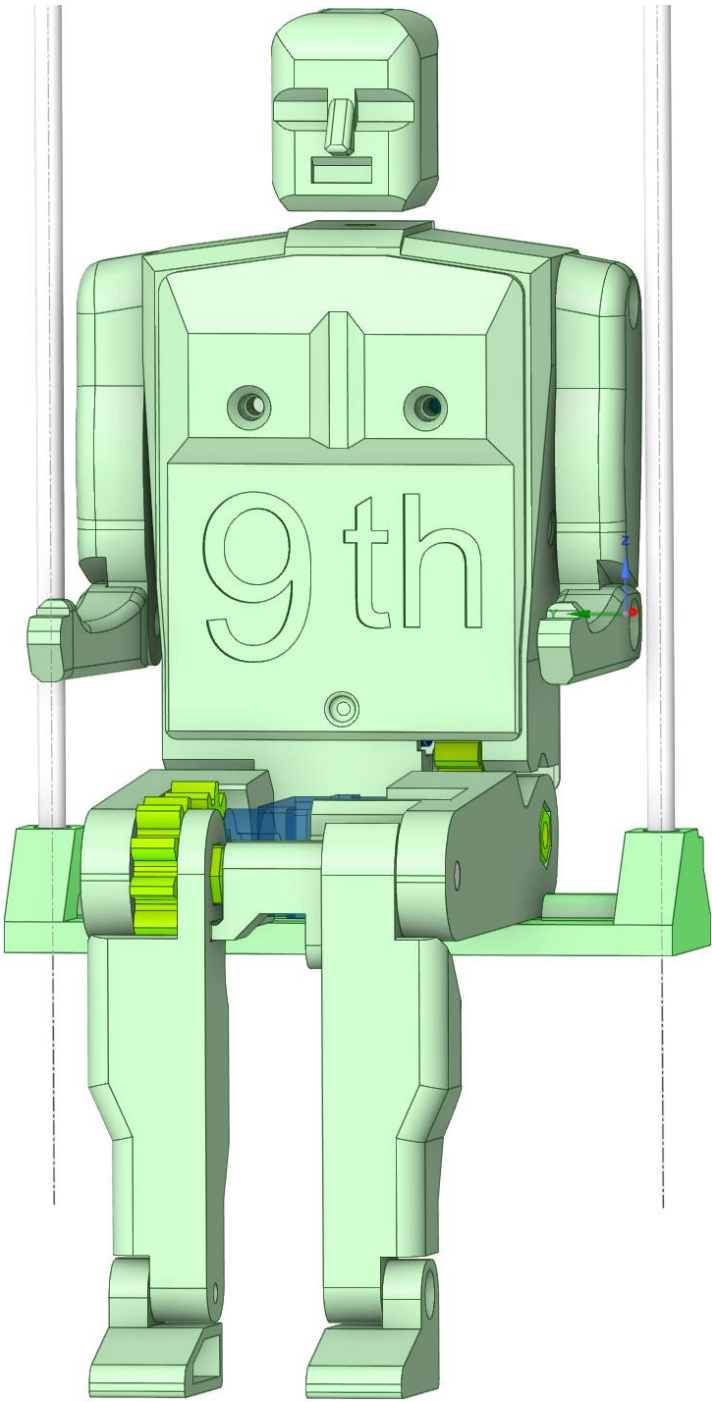
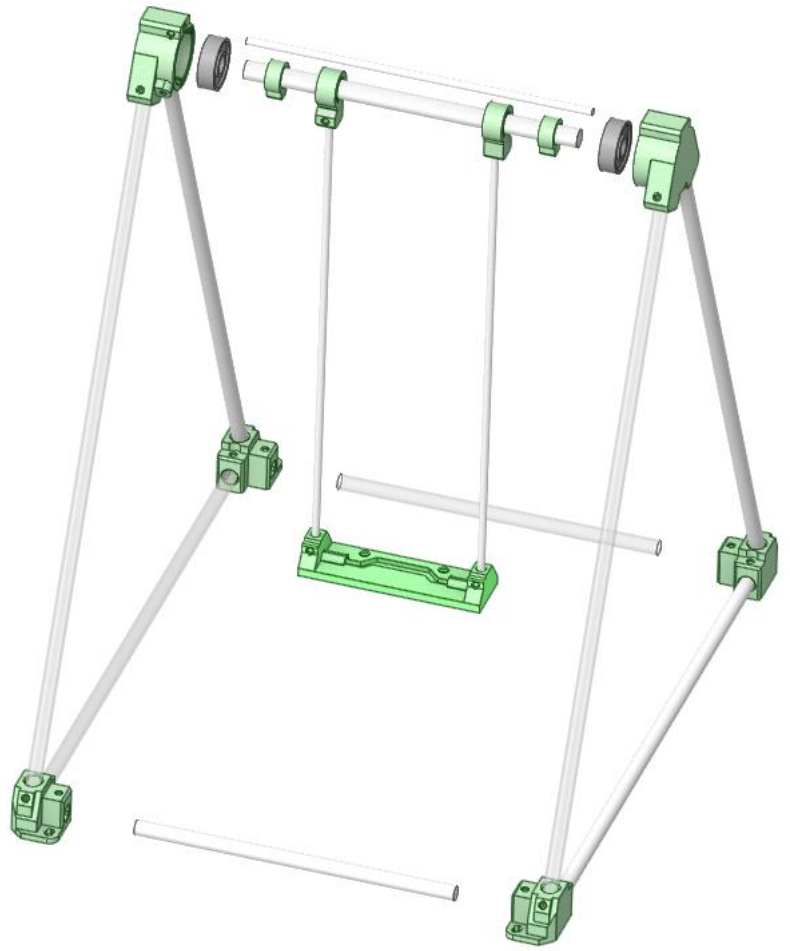
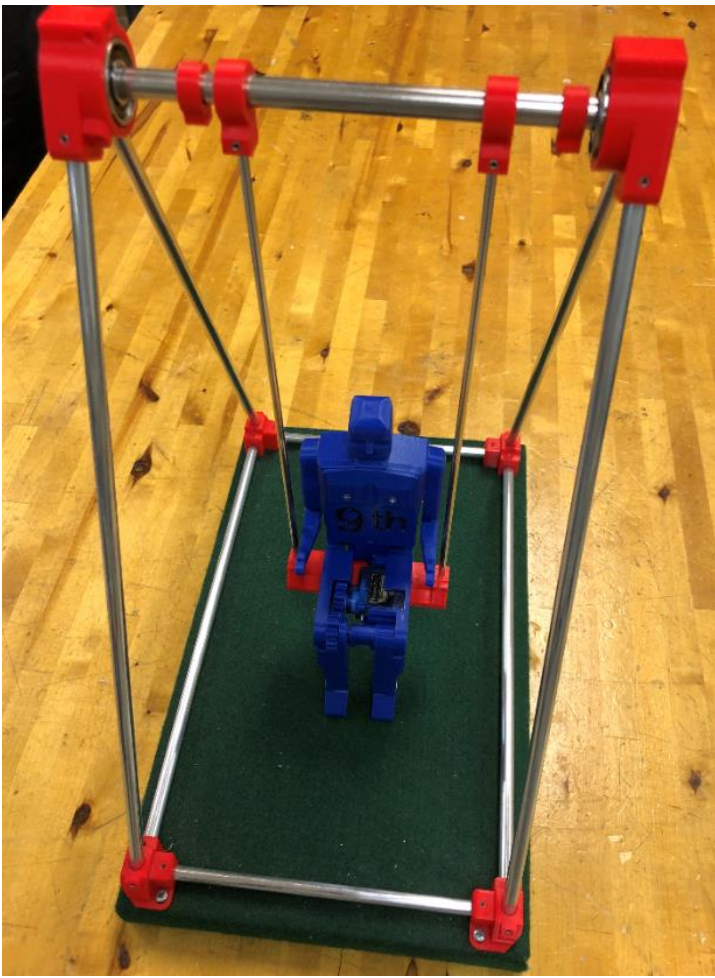


# Ninth (DesignSpark)

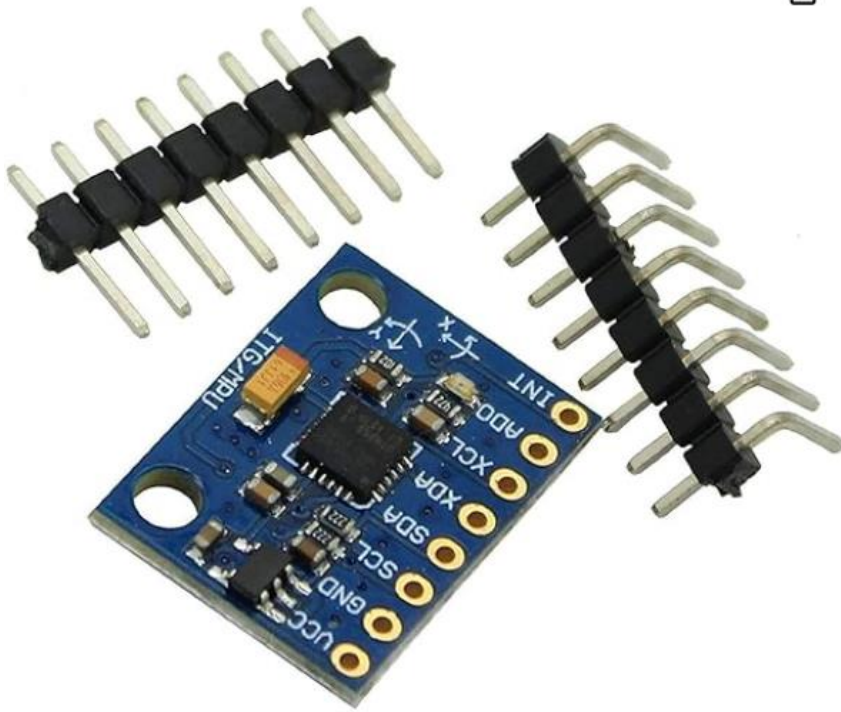






## BOM (Bill Of Materials)

Line	Qty	Type	Description	Part Num	Price
1	4	Screw	4-40 1/4"L FlatHead 82Deg Phillips 18-8SS	91771A106	\$5.40(100)
2	8	Screw	4-40 5/16"L FlatHead 82Deg Phillips 18-8SS	90065A078	\$5.04(50)
3	6	Screw	4-40 7/16"L FlatHead 82Deg Phillips 18-8SS	91771A109	\$6.52(100)
4	26	Screw	Set 4-40 3/16"L FlatTip 18-8SS	94355A135	\$7.34(50)
5	2	Tube	1/4"OD 0.065"Wall 6063 Aluminum 2ft	1658T12	\$4.91(1)
6	2	Servo	9g Micro Servo TowerPro	SG90	\$7.98(4)
7	1	PCB	3 Axis Gyro + 3 Axis Accelerometer Module	Gy-521 MPU-6050	\$6.99(1)
8	1	PCB	Adafruit QT Py SAMD21 Dev Board	4600	\$7.50(1)
9	1	PCB	BuckRegulator 4.5-20Vin 5Vout 3A 19.4mm x 14mm	B096RC71DC	\$9.49(5)
10	2	Connector	TerminalBlock 2.54mm 5P Vertical	OSTVN05A150	\$14.36(10)
11	1	Tool	HexKey 0.050" 2-7/8"L	7122A38	\$0.27(1)
12	1	printPLA	Head		
13	1	printPLA	Torso		
14	1	printPLA	Chest		
15	1	printPLA	QTPy-Holder		
16	1	printPLA	Back		
17	1	printPLA	Arm-Left-Upper		
18	1	printPLA	Arm-Left-Lower		
19	1	printPLA	Arm-Right-Upper		
20	1	printPLA	Arm-Right-Lower		
21	1	printPLA	Leg-Left-Upper		
22	1	printPLA	Leg-Left-Lower		
23	1	printPLA	Leg-Left-Foot		
24	1	printPLA	Leg-Right-Upper		
25	1	printPLA	Leg-Right-Lower		
26	1	printPLA	Leg-Right-Foot		
27	1	printPLA	KneeLinkage		
28	1	printPLA	Gear-Torso		
29	1	printPLA	Gear-Hip		
30	1	printPLA	Gear-Knee		
31	1	printPLA	Gear-Leg		
32	2	printPLA	Swing-BearingMnt		
33	2	printPLA	Swing-RopeMnt		
34	2	printPLA	Swing-ShaftCollar		
35	1	printPLA	Swing-Seat		
36	2	printPLA	Swing-Base-LeftFront		
37	2	printPLA	Swing-Base-LeftRear		



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# Gy-521 MPU-6050 MPU6050 Module 3 Axis Analog Gyro Sensors+ 3 Axis Accelerometer Module

Brand: REES52

4.5 ★★★★★ (840) | [Search this page](#)

\$6<sup>99</sup>

[Price history](#)

[prime](#) Tomorrow

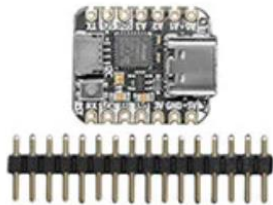
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<b>Brand</b>	REES52
<b>Item dimensions L x W x H</b>	1 x 1 x 1 inches
<b>Material</b>	Silicon
<b>Item Weight</b>	0.04 Pounds
<b>Style</b>	Modern

## About this item

- Power supply :3-5v (internal low dropout regulator)



*Image shown is a representation only. Exact specifications should be obtained from the product data sheet.*

4600

<b>DigiKey Part Number</b>	1528-4600-ND
<b>Manufacturer</b>	<a href="#">Adafruit Industries LLC</a>
<b>Manufacturer Product Number</b>	4600
<b>Description</b>	QT PY SAMD21 WITH STEMMA QT

**In-Stock: 476**

[Check for Additional Incoming Stock](#)

QUANTITY

Add to List

Add to Cart

All prices are in USD

### Bulk

QUANTITY	UNIT PRICE	EXT PRICE
1	\$7.50000	\$7.50

**Manufacturers Standard Package**

Size 19.5x14mm



# DROK DC 5V Power Converter, 5pcs Mini Voltage Buck Regulator DC 4.5-20V 12V 9V Step Down to 5V Reducer Transformer Board 3A 10W Adjustable Fixed Volt Output Step-Down Power Supply Stabilize

Visit the DROK Store

4.2 ★★★★★ (85) | Search this page

Amazon's Choice

50+ bought in past month

\$9.49

Price history

prime Tomorrow

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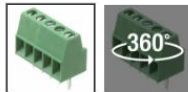
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Size: 5pcs 4.5-20V to 5V

5pcs 4.5-24V to 5V \$12.99 FREE Delivery Tomorrow	5pcs 4.5-20V to 5V \$9.49 FREE Delivery Tomorrow	6pcs 4.5-20V to 5V \$9.99 FREE Delivery Tomorrow	10pcs 4.5-20V to 5V \$14.99 FREE Delivery Tomorrow
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Image shown is a representation only. Exact specifications should be obtained from the product data sheet.



## OSTVN05A150

DigiKey Part Number ED10564-ND

Manufacturer On Shore Technology Inc.

Manufacturer Product Number OSTVN05A150

Description TERM BLK 5P SIDE ENT 2.54MM PCB

In-Stock: 142

Check for Additional Incoming Stock

QUANTITY

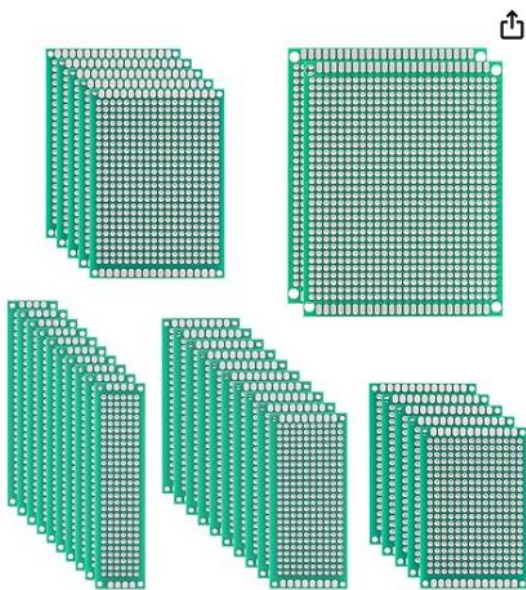
Add to List

Add to Cart

All prices are in USD

### Bulk

QUANTITY	UNIT PRICE	EXT PRICE
1	\$2.00000	\$2.00
10	\$1.43600	\$14.36
25	\$1.25160	\$31.29
50	\$1.13260	\$56.63
100	\$1.03230	\$103.23
250	\$0.92608	\$231.52



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## Rindion 32 Pcs PCB Board, Green Circuit Board with 5 Sizes Compatible, Double Sided PCB Prototype Board for DIY Electronics Projects Apply to Soldering Projects

Brand: Rindion

4.8 ★★★★★ (411) | [Search this page](#)

**Overall Pick**

1K+ bought in past month

**-20%** \$7<sup>99</sup>

List Price: \$9.99 | [Price history](#)

**prime Tomorrow**

FREE Returns

- Package Includes: The product contains 5 different sizes of circuit boards, 10Pcs 2x8 cm, 10Pcs 3x7 cm, 5Pcs 4x6 cm, 5Pcs 5x7 cm, 2Pcs 7x9cm, 32Pcs in total, it is the standard tenth-inch (0.1") spacing
- Easy to Use: 4 mounting holes at the corners of the PCB boards are convenient for installing them together
- Compact Packing: Space-saving bag packaging, take little footprint
- High Quality: Our PCB board made of durable glass fiber FR-4 material with 1.6 mm thickness



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## 4Pcs SG90 9g Micro Servos for RC Robot Helicopter Airplane Controls Car Boat

Brand: Beffkkip

4.4 ★★★★★ (1,742) | [Search this page](#)

**Overall Pick**

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\$7<sup>98</sup>

[Price history](#)

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