A S S	OCIATED S	STUDEN	TS, INC.	
FUND	ING RE	QUES	ST FORM	2021-2022
P	ART 1 - NOTIO	CE & CHE	CKLIST	
2. Funding Request 3. Deadline for Re		n no less than 5 b hase Order (RPP)		
	<b>2 -</b> CONTAC			ON PURCHASES/EVENT
	2 - CONTAC			
OFFICER TITLE:			American Society of Mecha ASME Drive System Work	
ADDRESS:				MESTER: FALL
CITY STATE:	ZIP:	EVENT LOCAT		
PHONE: EMAIL:		TOTAL ATTEN	DANCE: 15	
SIGNATURE: Giovanni (astellanos		EXPECTED CA	L STATE LA STUDENTS ATTENDANC	Е: 15
	ART 3 - EVEN	T DESCR	IPTION	
IS THE EVENT OPEN TO ALL CAL STATE LA STUDE BRIEFLY DESCRIBE THE EVENT: We will host a workshop and teach stud build a drive system for an autonomous	ents how to	This will t building a mechanic	HIS PROGRAM ENHANCE THE CAL S each many students the bas robot and teach them seve al, electrical, and software e all excitibg STEM experience	sic necessities for eral aspects of engineering. This
	PART 4 - COS	T BREAK	DOWN	
DESCRIPTION:	AMOUNT:	SI DESCRIPT	ION:	AMOUNT:
DESCRIPTION:	AMOUNT:	DESCRIPT	ION:	AMOUNT:
W W K K E E I I N C C		Look a	t Spreadsheet	1994.85
PART 5 - EVEN	NT SUMMARY			
	94.85			
	94.85		STAFF INITIALS	
AMOUNT FROM OTHER SOURCES			TIME STAMP:	
WHAT OTHER RESOURCES ARE YOU EMPLOYIN	IG FOR THIS EVENT:			ACT
FOR THE STUDENTS BY THE			BEV 8/09/2021	



#### Event Registration

#### ASME Workshop: Drive Systems

Submitted By:

[APPROVED]

11/21/2021 9:24:24 PM

#### **Basic Information**

Student organizations must complete and submit this form at least 10 business days prior to the event/meeting date. Reservations for on-campus events/meetings will not be confirmed unless this form has been completed.

#### Please select the type of organization who will be hosting this event.

Student Organization

#### Host Organization Name

What Organization/Department is hosting the event? American Society of Mechanical Engineers

#### **Event Name**

ASME Workshop: Drive Systems

#### Estimated Attendance

Please describe the estimated attendance of participants for this event. 15

#### About the event

Please describe what this event is about and include all intended activities that will take place.

For this workshop, ASME will be teaching members about different types of motors and how they are incorporated into various types of drive systems. We will additionally be explaining the advantages and disadvantages of these drive systems.

#### Time & Location

Events/meetings that repeat or occur on non-consecutive dates will need to be registered separately per each date, (e.g. if you plan on having a meeting on multiple days in the month). For more information on how to repeat registered events check out this Presence guide

Start Date/Time

End Date/Time

#### What format will this event/meeting use?

Hybrid events and meetings are defined as a mixture of in-person events/meetings with a virtual component usually running simultaneously and with overlapping content and interactive elements.

Virtual

#### Where will the virtual event/meeting take place?

What online platform will this event/meeting use to host the event? Zoom

#### Do participants need to RSVP?

No

#### Event/Meeting Virtual Link and/or In-Person Location

For virtual event/meetings, please enter the link where attendees can access the event/meeting.

For in-person on-campus events/meetings please add the room information where you'll be hosting.

For in-person off-campus events/meetings please add the full address of the venue.

For hybrid events/meetings please enter both the link and the in-person location. https://calstatela.zoom.us/j/87951860831?pwd=NUVmdHdtbUdFWC9oOWRvVmtyUGR2Zz09

#### Student Organization Officer and Advisor Contact Information

Only current organization officers can submit the Event Registration Form. Submitted forms will require Advisor approval prior to CSI approval.

#### **Contact Person**

Please provide the name of the officer submitting this form.

#### Officer Contact Phone Number

Contact Email

Provide the officer's email address.

#### Organization Advisor Email

Provide the advisor's Cal State LA email address.

#### Organization Advisor Name

Please provide the name of the student organization advisor.

#### Marketing

No publicity may be distributed or posted online until this form has been submitted and approved. All publicity material must comply with University Administrative Procedures AP P003 and AP P007. For Fall 2020 only electronic or virtual forms of marketing will be approved for student organizations.

#### How do you plan on marketing this event?

Other

#### What other methods of marketing will your organization use?

Discord

#### Who is invited to this event?

Student organization members

#### Will off-campus media be notified about this event?

No

Tags

WORKSHOP/SEMINAR

#### Cover Image

Please select an image that corresponds to your event.



Want to learn some new skills that will help you in your field of study? Our <u>ASME</u> team lead will be going over some important concepts that are essential when working on robotics. The team will be hosting:



**Event Details** 

#### **Event Category**

Please select any of the categories above that best describes your event. Note, for Fall 2021 organization meetings and tabling must also be registered. Educational Workshop/Program

#### **Planned Activities**

Will your event have any of the following activities? The University's General Release will be required for certain activities. Not Applicable

#### Will the event have security?

No

Will the event have an admission charge, registration fee, or raise any proceeds to benefit the organization

No

#### Will you be requesting funding from Associated Students, Incorporated?

For more information on Club and Organization Funding please visit: https://asicalstatela.org/services/clubs-and-organizations-funding

#### For more information on Club and Organization Funding please visit: https://asicalstatela.org/services/clubs-and-organizations-funding. For any other questions contact the Vice President for Finance by calling 323-343-4778.

# For this event, will your organization be seeking tax deductible private external fund raising support?

Are you seeking sponsorship from private individuals or external companies/organizations off campus that may require additional tax documentation? (Individual donations that do not require tax documentation do not count.)

#### Will a movie be shown at this event?

No

Acknowledgment

Hybrid Event/Meeting Check-in Data Collection and Contact Tracing

Student organizations are **required to check-in** all Cal State LA student attendees at on-campus hybrid events/meetings held indoors via the Presence Checkpoint app at the event. This is mandatory for all student organizations hosting events/meetings in-person or with in-person components. For more information on how to use this feature and meet this requirement, students should refer to the Presence Guide to Event Check-in.

Guests (anyone other than a Cal State LA Student) at indoor hybrid events/meetings cannot check-in through the Presence Checkpoint app and are required to check-in through the Cal State LA Student organization Event Guest Check-in Form. Guests must successfully complete the COVID19 Health Self-Screening prior to entering an event.

Participant and/ or guests data collection for outdoor events is not required for attendees but is required for student event coordinators (including students who table for the organization and who will be present throughout the duration of the outdoor event/meeting) through the Presence Checkpoint app.

Attendance recordkeeping must be updated within 24 hours of the conclusion of the meeting or event.

# Failure to check-in all event/meeting attendees can result in the student organization's revocation in their ability to host events and can ultimately affect their student organization recognition and the benefits associated with that status.

AS AN OFFICER OF THIS ORGANIZATION, I WILL TAKE RESPONSIBILITY TO ENSURE THAT THE EVENT WHICH MY ORGANIZATION IS SPONSORING WILL FOLLOW ALL GUIDELINES SET FORTH BY THE UNIVERSITY. I ACKNOWLEDGE THAT THIS EVENT AND ANY ASSOCIATED EVENT SPACE RESERVATIONS MAY BE SUBJECT TO CANCELLATION BASED ON MY ORGANIZATION'S RECOGNITION STATUS.

#### Signature Pad Field



#### **Event Guidelines & Resources**

ASME Workshop	Decembe	er 18 Par	t List		
Part Name:	Quantity:	Retail Price Per Item:	Shipping Price for the Whole Quantity:	Taxes for the whole Quantity:	Total Price
RMP 6061 Aluminum Flat Bar, 3/8 Inch x 1-1/2 Inch x 36 Inch Length, Unpolished (Mill) Finish, T6 Temper	1	\$32.41	\$0.00	\$3.24	\$35.65
uxcell 6063 Seamless Aluminum Round Straight Tubing Tube 1 Feet Length 0.351 Inches ID 0.429 Inches OD	1	\$7.99	\$0.00	\$0.80	\$8.79
Bones Bearings Reds Bearings (8 pack W/Spacers and Washers)	1	\$17.95	\$0.00	\$1.80	\$19.75
16 Pieces Skateboard Truck Nuts and 16 Pieces Skateboard Truck Axle Washers for Longboards and Skateboard Hardware Kit	1	\$6.49	\$0.00	\$0.65	\$7.14
1/4" Aluminum 8" x 18" Bar Sheet Plate 6061-T6 Mill Finish	1	\$29.40	\$16.40	\$4.69	\$50.49
ANMBEST DB50 Solderless Connector, Female D-SUB Header to 50-pin Port Terminal Adapter Breakout Board with Bolts	1	\$22.49	\$0.00	\$2.25	\$24.74
Acrylic Extruded Clear Sheet	4	\$29.22	\$85.92	\$20.28	\$223.08
Talon SRX Encoder Breakout Board	2	\$10.00	\$9.50	\$2.95	\$32.45
KOOBOOK 1Set USBTiny USBtinyISP AVR ISP Programmer for Arduino Bootloader USB Download Interface	2	\$9.99	\$0.00	\$2.00	\$21.98
4 Pack of Genuine 30Q 3000mAh Flat Top	1	\$39.89	\$3.98	\$4.50	\$48.37
VRUZEND battery kit V1.6	1	\$37.99	\$8.96	\$4.70	\$51.65
Enhanced 4S 40A 14.8V 16.8V 18650 Charger Li-ion Lithium Battery Protection Board PCB BMS Lipo Cell Module with Balance Function for Drill Motor	1	\$9.50	\$0.00	\$0.95	\$10.45
Protection Board 4S 30A 14.8V PCB BMS 18650 Li-ion Lithium Battery Protection Board with Balance	1	\$8.49	\$0.00	\$0.85	\$9.34
BEMONOC 25GA370 DC Encoder Metal Gearmotor 12V High Speed 150RPM Gear Motor with Two-channel Hall Effect Encoder for DIY Parts	4	\$14.88	\$0.00	\$5.95	\$65.47
10-pin IDC Socket Rainbow Breakout Cable	2	\$3.95	\$13.11	\$0.81	\$21.82
Rear Hanger for Double-Eye Springs - 1-9/32" Tall - 9/16" Bolt Hole - Single Axle Only	6	\$3.09	\$6.99	\$1.85	\$27.38
Razor Scooter Battery and New Wiring Harness 12 Volt 7Ah - Set of 2 Includes (6-DW-7) This will not fit E100 - E125 - E150 - E175 Beiter DC Power	2	\$62.99	\$0.00	\$12.60	\$138.58
Galvanized Steel Rail for Bolt-Together Framing	2	\$55.90	\$32.64	\$11.18	\$122.98
TP-Link USB Bluetooth Adapter for PC(UB400), 4.0 Bluetooth Dongle Receiver Support Windows 10/8.1/8/7/XP for Desktop, Laptop, Mouse, Keyboard, Printers, Headsets, Speakers, PS4/ Xbox Controllers	1	\$9.99	\$0.00	\$1.00	\$10.99

Plugable USB Bluetooth 4.0 Low Energy Micro Adapter (Compatible with Windows 10, 8.1, 8, 7, Classic Bluetooth, Gamepad, and Stereo Headset Compatible)	1	\$13.95	\$0.00	\$2.80	\$30.70
Adafruit Ultimate GPS Breakout - 66 channel w/10 Hz updates [ADA746]	1	\$34.79	\$0.00	\$3.48	\$38.27
HATCHBOX PLA 3D Printer Filament, Dimensional Accuracy +/- 0.03 mm, 1 kg Spool, 1.75 mm, Black, Pack of 1	2	\$22.99	\$0.00	\$4.60	\$50.58
Ampere Time 12V 50Ah Lithium LiFePO4 Battery, Ideal Replacement for 12V 100Ah AGM SLA Battery, More Efficient Output & Much Lighter, 4000+ Cycles, Perfect for Boat, Security Devices, Camping, etc.	1	\$219.99	\$0.00	\$21.20	\$241.10
HiLetgo VNH5019 2-Channel DC Motor Driver Board 30A High Current With Voltage Protection VNH2SP30 Upgrade Support	4	\$20.49	\$0.00	\$8.20	\$90.16
Battery Monitor, DROK 10-100V Digital Battery Capacity Tester, Percentage Level Voltage Temperature Switch Meter Gauge 12V 24V 36V 48V LCD Display Marine RV Battery Power Indicator Panel	2	\$15.85	\$0.00	\$3.17	\$34.87
Amotor 10 pcs/Lot LED Indicator Light Lamp Pilot Dash Directional Car Truck Boat Blue red Green Yellow White (Tricolor)	2	\$9.99	\$0.00	\$2.00	\$21.98
WayinTop 2pcs ACS712 Hall Effect Current Sensor Module 30A Range ACS712 Module + 2pcs Voltage Sensor Module DC0-25V Voltage Tester Terminal Sensor for Arduino	1	\$10.99	\$0.00	\$1.10	\$12.09
MakerFocus 2pcs I2C OLED Display Module 0.91 Inch I2C SSD1306 OLED Display Module Blue I2C OLED Screen Driver DC 3.3V~5V for Ar duino	1	\$9.59	\$0.00	\$0.96	\$10.55
HiLetgo GY-906 MLX90614ESF Non-contact Infrared Temperature Sensor Module IIC I2C Serial for Arduino	1	\$14.99	\$0.00	\$1.50	\$16.49
360 Pieces Multicolored Breadboard Jumper Wire Dupont Wire Ribbon Cables Kit 30CM 20CM 10CM 40 Pin Male to Female, 40 Pin Male to Male, 40 Pin Female to Female, for Arduino and Raspberry Pi	1	\$17.99	\$0.00	\$1.80	\$19.79
ELEGOO UNO R3 Board ATmega328P with USB Cable(Arduino- Compatible) for Arduino	1	\$14.99	\$0.00	\$1.50	\$16.49
Slamtec RPLIDAR A1M8 2D 360 Degree 12 Meters Scanning Radius LIDAR Sensor Scanner for Obstacle Avoidance and Navigation of Robots	1	\$99.99	\$0.00	\$10.00	\$109.99
Screw Mount 10 Position Power Distribution Fuse Module Board, for 5 to 32V	1	\$28.00	\$0.00	\$2.80	\$30.80
2Pcs 3S 11.1V 12.6V 25A W/Balance 18650 Li ion Lithium Battery PCB Protection Board	1	\$10.49	\$0.00	\$1.05	\$11.54
OEM Flat Top 3.7V 2600mah 9.62wh rechargeable li-ion 18650 battery	24	\$1.65	\$53.11	\$3.96	\$96.67
uxcell 6063 Aluminum Round Tube, 300mm Length 20mm OD 17mm Inner Dia Seamless Aluminum Straight Tubing	8	\$9.49	\$0.00	\$7.59	\$83.43

2	\$8.99	\$0.00	\$1.80	\$25.17
1	\$5.80	\$0.00	\$0.58	\$6.38
1	\$9.25	\$0.00	\$0.93	\$10.18
1	\$6.99	\$0.00	\$0.70	\$7.69
6	\$14.99	\$0.00	\$8.99	\$98.83
	ŀ	•		\$1,994.85
	2 1 1 1 6	1 \$5.80 1 \$9.25 1 \$6.99	1     \$5.80     \$0.00       1     \$9.25     \$0.00       1     \$6.99     \$0.00	1         \$5.80         \$0.00         \$0.58           1         \$9.25         \$0.00         \$0.93           1         \$6.99         \$0.00         \$0.70



Industrial & Scientific > Raw Materials > Metals & Alloys > Aluminum > Bars



			\$32.41 FREE delivery: <b>Dec 14 - 17</b> © Deliver to Gio - South Gate 90280 Only 20 left in stock -
	<ul> <li>Rest Seller</li> <li>Price: \$32.41</li> <li>6061 Aluminum Flat I</li> <li>Unpolished (Mill) Finis</li> <li>Rectangular Bar</li> <li>Made in USA</li> <li>Ships within 1-2 busin</li> </ul>	sh	order soon. Qty: 1 Add to Cart Buy Now Secure transaction Ships from Rose Metal Products
ed view	Specifications for this it	tem	Sold by Rose Metal Products Return policy: Returnable until
ed view	Brand Name	RMP	Jan 31, 2022 ×
	Exterior Finish	Unpolished (Mill)	Add to List 🗸

Click image to open expanded view





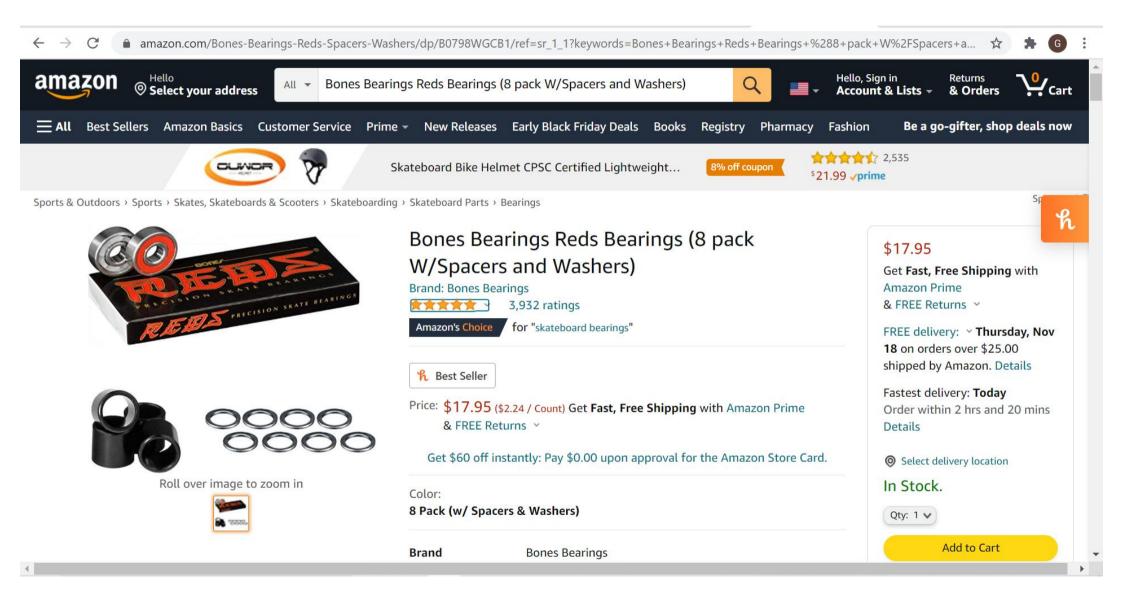
Tubing Tube 1 Feet Length 0.351 Inches ID 0.429 Inches OD Visit the uxcell Store  $\star$ h 2 Price Changes Price: \$7.99 Get Fast, Free Shipping with Amazon Prime & FREE Returns ~ Size: 0.351" x 0.429" ^ 0.351" x 0.429" 0.156" x 0.39" 0.195" x 0.39" 0.195" x 0.429" \$7.99 \$9.89 \$10.99 \$10.99

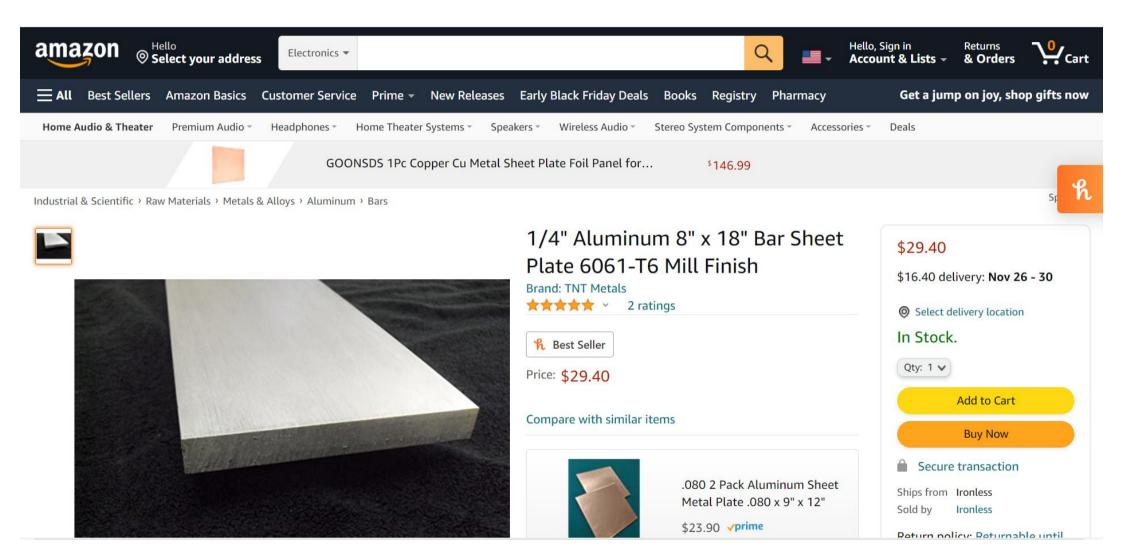
uxcell 6063 Seamless Aluminum Round Straight

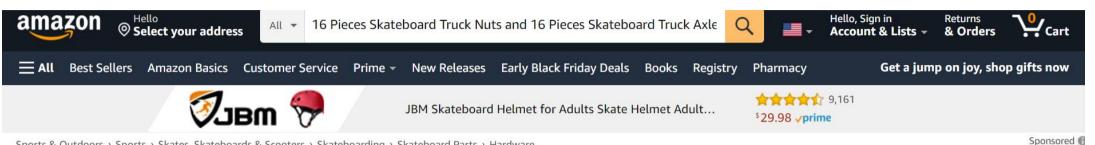




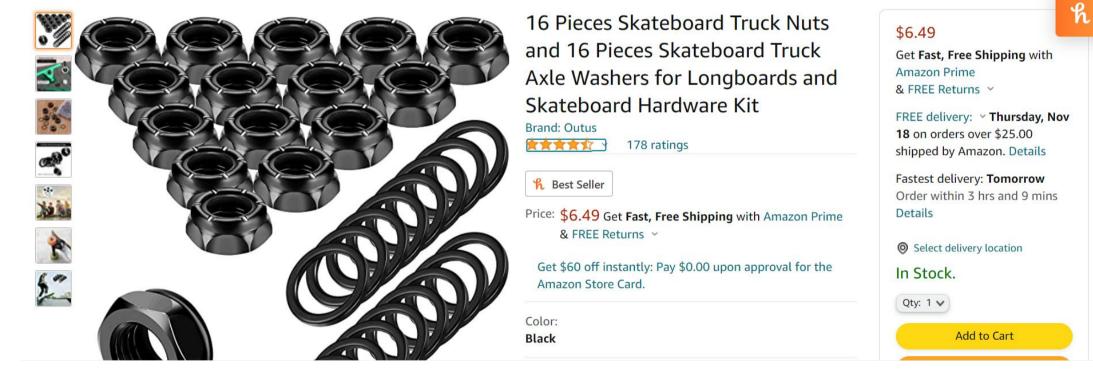
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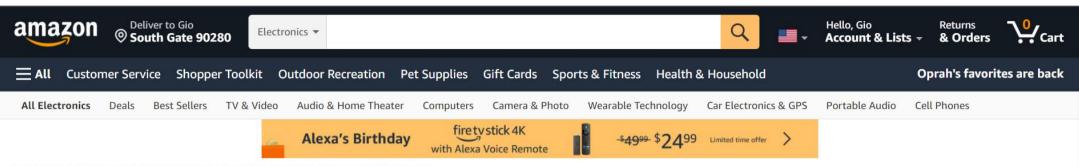




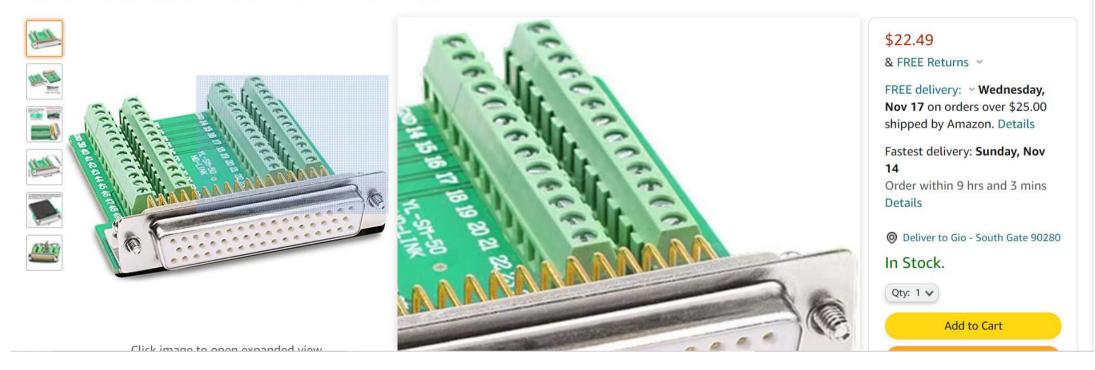


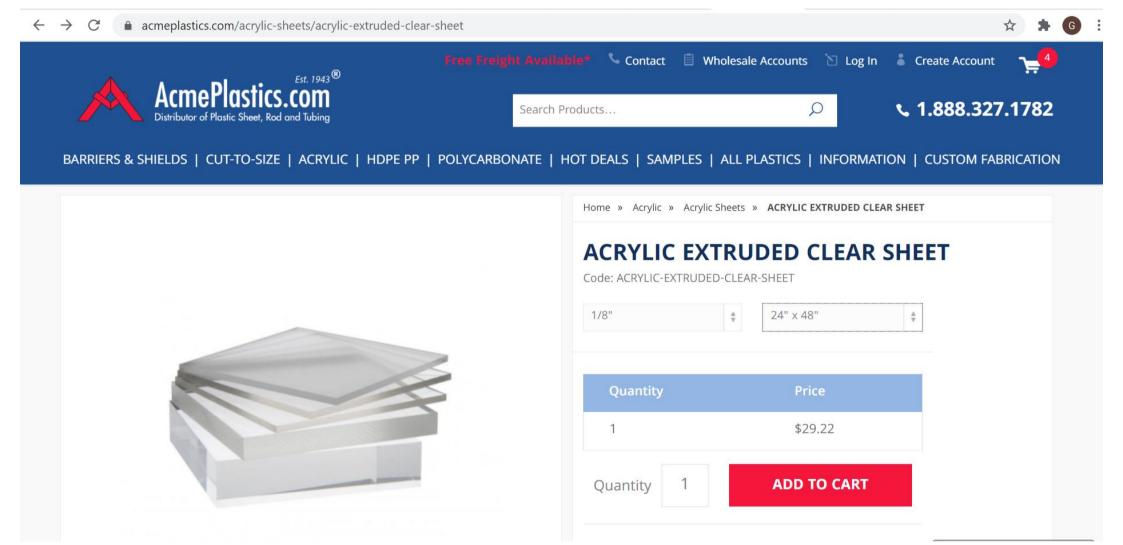
Sports & Outdoors > Sports > Skateboards & Scooters > Skateboarding > Skateboard Parts > Hardware

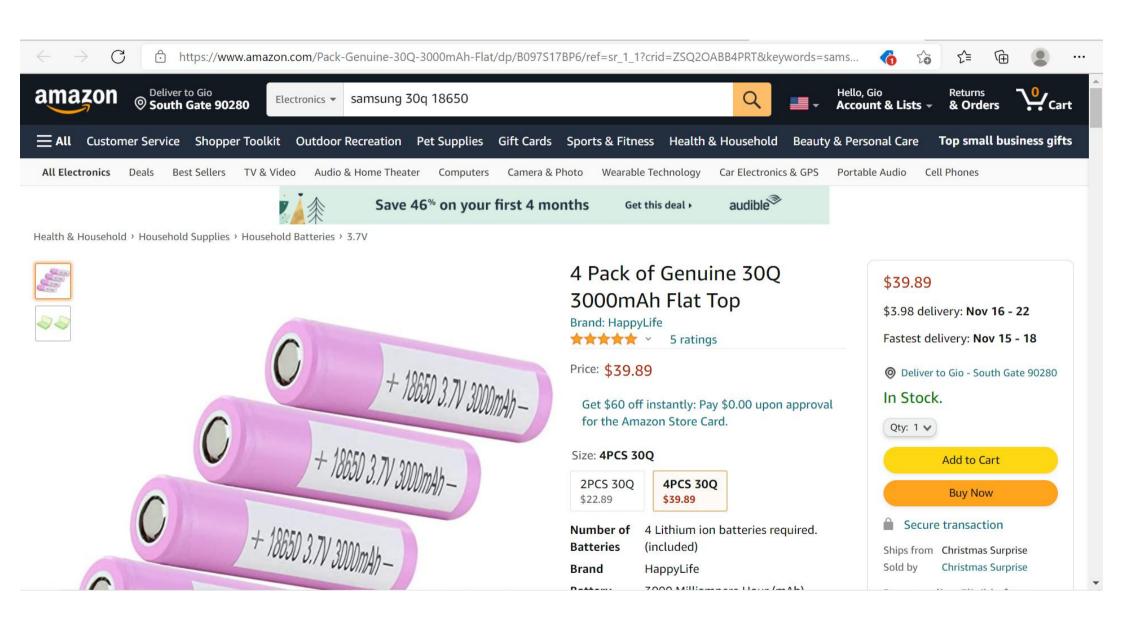


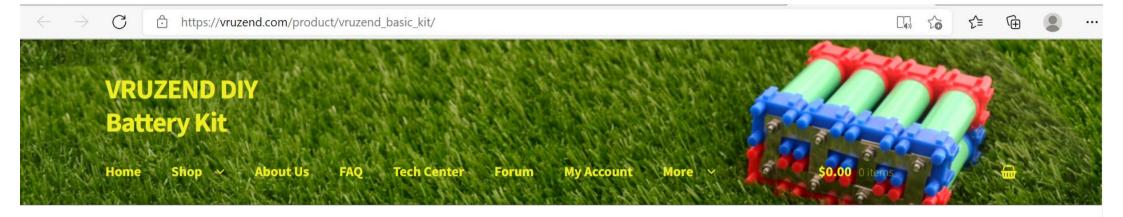


Electronics > Accessories & Supplies > Audio & Video Accessories > Connectors & Adapters









Home > Battery kits > VRUZEND battery kit V1.6



# VRUZEND battery kit V1.6

#### \$37.99

The VRUZEND V1.6 battery building kit can be used to build a battery with up to 52 cells. Battery cells not included. You can find those here.

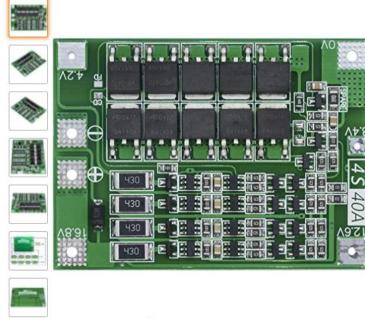
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Electronics > Power Accessories > Power Converters



### Enhanced 4S 40A 14.8V 16.8V 18650 Charger Li-ion Lithium Battery Protection Board PCB BMS Lipo Cell Module with Balance Function for Drill Motor Visit the diymore Store

★★★★☆ × 81 ratings | 36 answered questions

Price: \$9.50 & FREE Returns ~

Get \$60 off instantly: Pay \$0.00 upon approval for the Amazon Store Card.

#### Color: 4S 40A



#### \$9.50

& FREE Returns ~

FREE delivery: ~ Wednesday, Nov 17 on orders over \$25.00 shipped by Amazon. Details

Fastest delivery: **Tomorrow** Order within 9 hrs and 35 mins Details

Ø Deliver to Gio - South Gate 90280

Only 18 left in stock order soon.

Qty: 1 🗸

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Home / View All / Talon SRX Encoder Breakout Board



# Talon SRX Encoder Breakout Board

am-2633

\$10.00



★★★★★ Read Reviews (2) Write a Review



Electronics > Computers & Accessories > Computer Accessories & Peripherals > Computer Cable Adapters > Serial Adapters



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# KOOBOOK 1Set USBTiny USBtinyISP AVR ISP Programmer for Arduino Bootloader

## USB Download Interface

Brand: KOOBOOK ★★★★★ × 15 ratings Amazon's Choice for "bootloader"

#### h Best Seller

Price: \$9.99 & FREE Returns ~

# Get \$60 off instantly: Pay \$0.00 upon approval for the Amazon Store Card.

 USBtinyISP is an ISP line download based on USB interface designed for AVR microcontrollers. It can be used to download programs for most AVR microcontrollers. The Arduino IDE is always compatible

#### \$9.99

& FREE Returns ~

FREE delivery: Yednesday, Nov 17 on orders over \$25.00 shipped by Amazon. Details

Fastest delivery: **Sunday, Nov 14** Order within 12 hrs and 24 mins

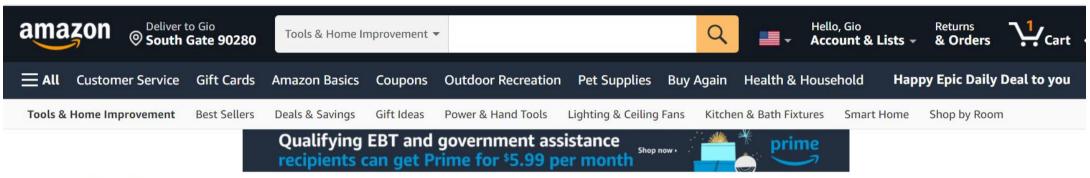
Details

O Deliver to Gio - South Gate 90280

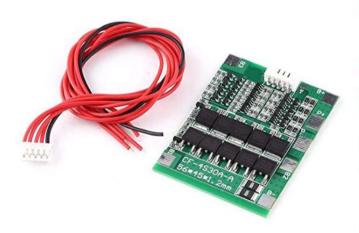
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Electronics > Household Batteries, Chargers & Accessories > Battery Chargers





### Protection Board 4S 30A 14.8V PCB BMS 18650 Li-ion Lithium Battery Protection Board with Balance

Brand: YWBL-WH ★★★★★ → 10 ratings

#### h 1 Price Change

Coupon:

Was: <del>\$9.19</del> Details Price: **\$8.49** & FREE Returns ~ You Save: **\$0.70** (8%)

Save an extra 6% when you apply this coupon. Terms ~

Get \$60 off instantly: Pay \$0.00 upon approval for the Amazon Store Card.

• APPEARANCE---Working current:30A;Balanced current:60mA;Over

#### \$8.49

& FREE Returns ~

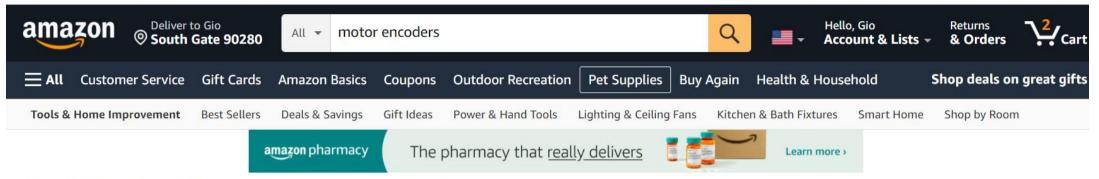
FREE delivery: ~ Wednesday, Dec 8 on orders over \$25.00 shipped by Amazon. Details

Fastest delivery: **Sunday, Dec 5** Order within 10 hrs and 21 mins Details

O Deliver to Gio - South Gate 90280

# Only 9 left in stock - order soon.





Industrial & Scientific > Industrial Electrical > Passive Components > Switch Encoders



BEMONOC 25GA370 DC Encoder Metal Gearmotor 12V High Speed 150RPM Gear Motor with Two-channel Hall Effect Encoder for DIY Parts

 $\star \star \star \star \star \star$  6 ratings



VIDEO

h Best Seller

#### Price: \$14.88 & FREE Returns ~

- ✓Product type: DC Gear motor with two-channel Hall effect encoder;Rated Voltage: 12V; No-Load Speed: 150RPM; No-Load Current: ≤ 0.15A;Rated Torque: 0.95kg.cm;
- ✓Main Body Dimensions:74.8 x 25mm / 2.95in x 0.99in (L\*D); Out Shaft Dimensions: 11 x 4mm / 0.433 x 0.1575in (L\*D) with 10 x 0.5mm / 0.39 \* 0.017inches flat cut off;

### \$14.88

& FREE Returns ~

FREE delivery: ~ Wednesday, Dec 8 on orders over \$25.00 shipped by Amazon. Details

Fastest delivery: **Sunday, Dec 5** Order within 14 hrs and 26 mins Details

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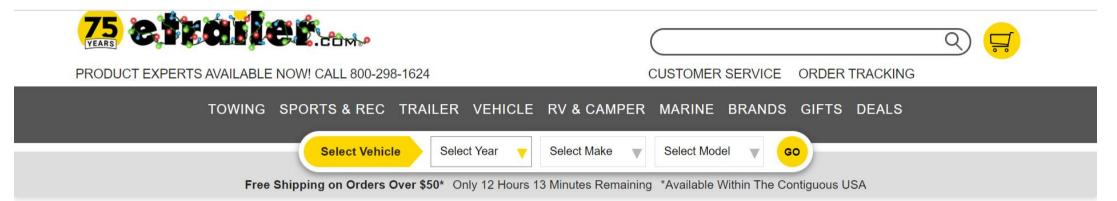
In Stock.

Qty: 1 🗸

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**Buy Now** 





TRAILER LEAF SPRING SUSPENSION / ETRAILER / HANGERS / SPRING MOUNTING HARDWARE / DOUBLE EYE SPRINGS / 1-1/4 INCH TALL



Rear Hanger for Double-Eye Springs - 1-9/32" Tall - 9/16" Bolt Hole - Single Axle Only Item # 93003-3X

etrailer....

☆☆☆☆☆(15 Reviews)



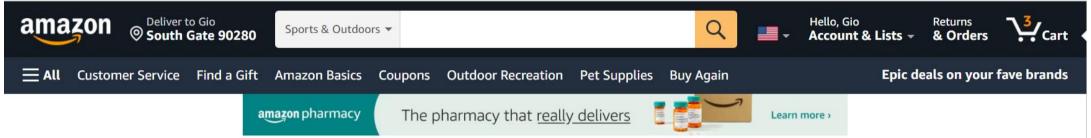
**Our Price:** 

\$3.07

Orders above \$50 qualify for FREE SHIPPING

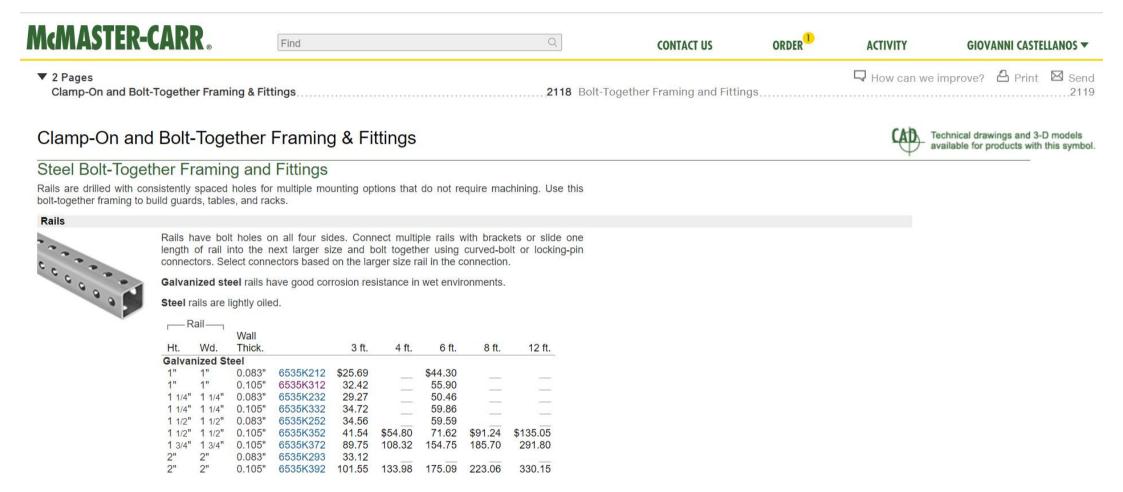
Estimated delivery to **California** <u>CHANGE</u> Thursday, December 9 - (Ground) Wednesday, December 8 - (2 Day Shipping) Tuesday, December 7 - (1 Day Shipping)

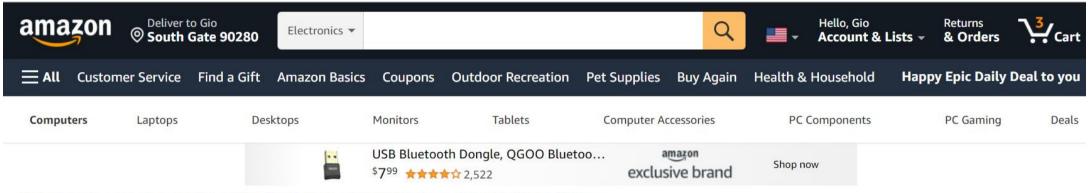
Arrives before Christmas with Ground or Free Shipping



Sports & Outdoors > Sports > Skates, Skateboards & Scooters > Scooters & Equipment > Components & Parts > Batteries & Battery Chargers







Electronics > Computers & Accessories > Networking Products > Network Adapters > Bluetooth Network Adapters

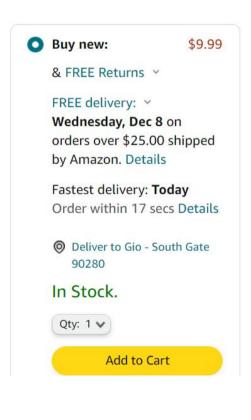


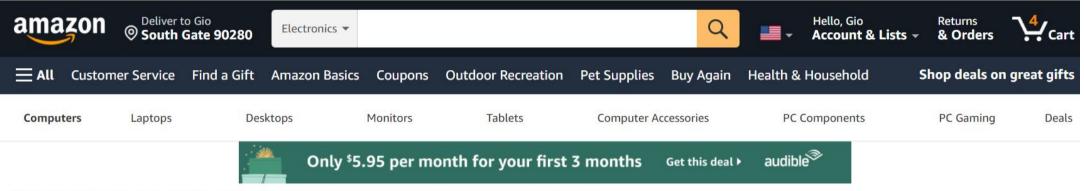
TP-Link USB Bluetooth Adapter for PC(UB400), 4.0 Bluetooth Dongle Receiver Support Windows 10/8.1/8/7/XP for Desktop, Laptop, Mouse, Keyboard, Printers, Headsets, Speakers, PS4/ Xbox Controllers Visit the TP-Link Store

#1 Best Seller ( in Bluetooth Computer Network Adapters

#### h 5 Price Changes

List Price: \$11.99 Details Price: \$9.99 & FREE Returns ~





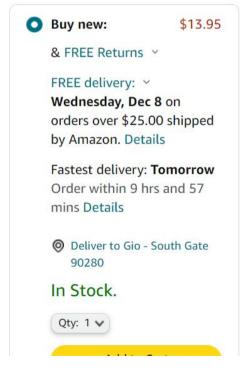
Electronics > Computers & Accessories > Networking Products > Network Adapters > Bluetooth Network Adapters

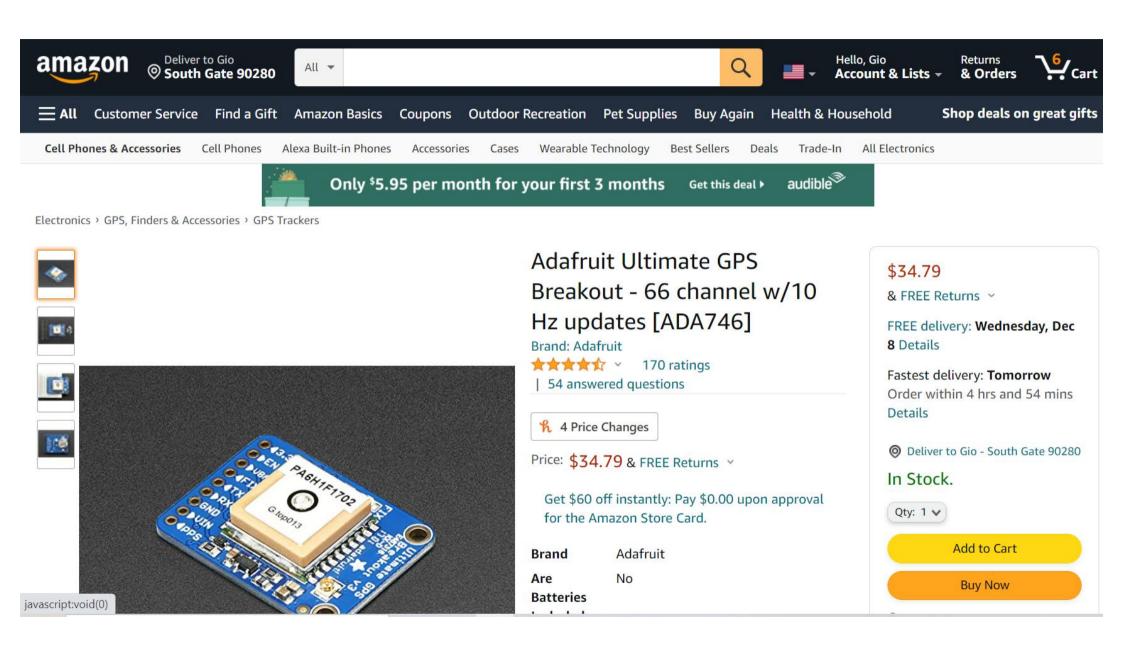


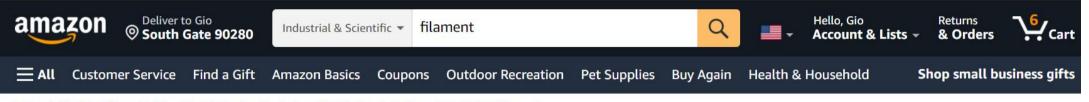
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Plugable USB Bluetooth 4.0 Low Energy Micro Adapter (Compatible with Windows 10, 8.1, 8, 7, Classic Bluetooth, Gamepad, and Stereo Headset Compatible) Visit the Plugable Store 11,623 ratings | 1000+ answered questions Amazon's Choice in Bluetooth Computer Network Adapters by Plug...

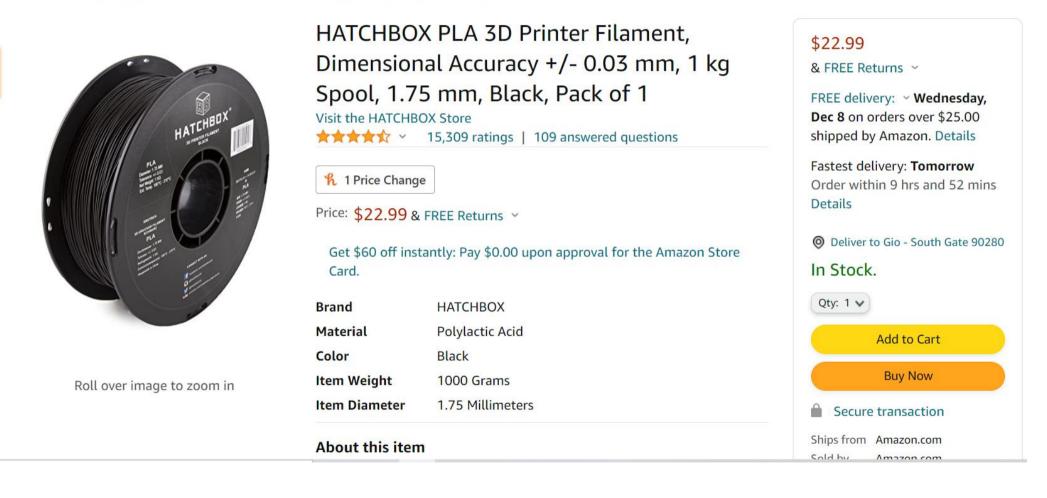
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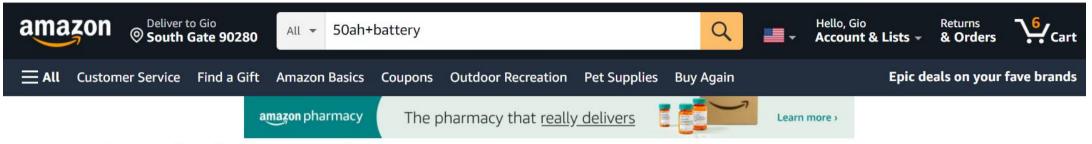






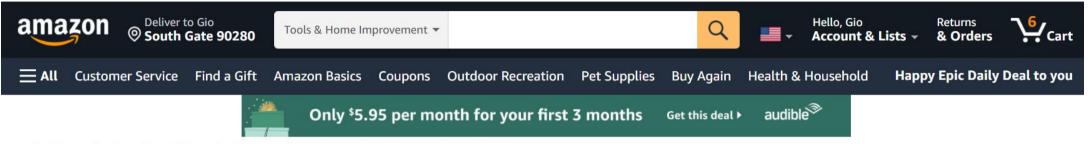
Industrial & Scientific > Additive Manufacturing Products > 3D Printing Supplies > 3D Printing Filament





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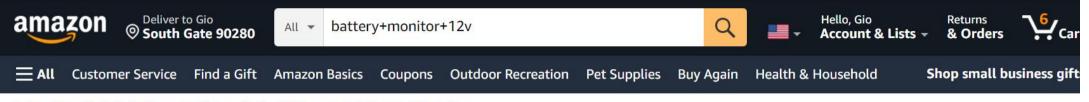
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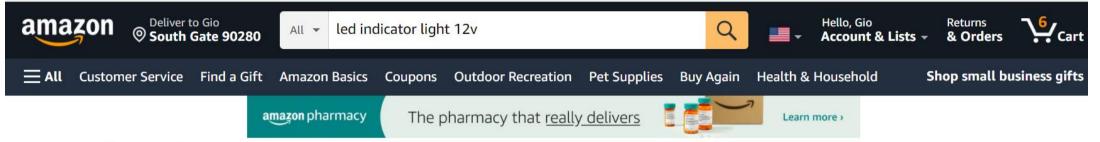
- Operating voltage range: 5.5V- 24V
- Driver chip: VNH5019
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Industrial & Scientific > Industrial Electrical > Sensors > Current Sensors



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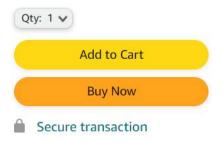
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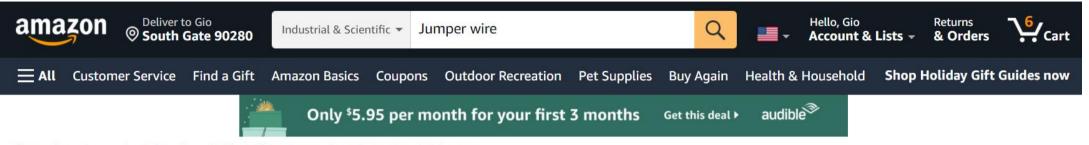
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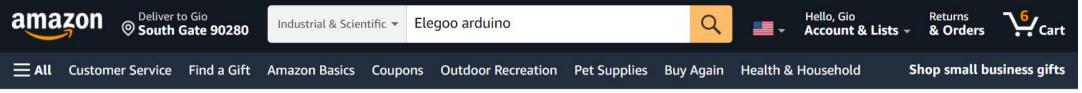
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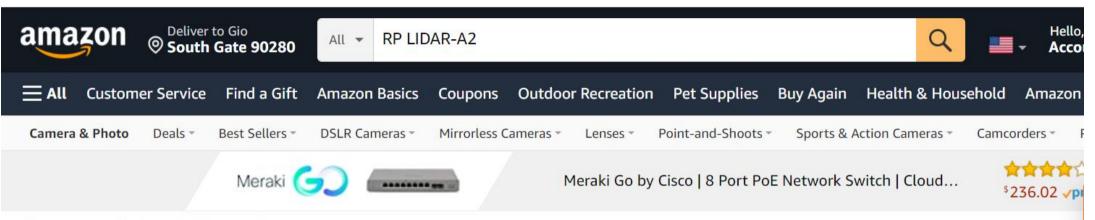
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<b>CPU Manufacturer</b>	AMD
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Slamtec RPLIDAR A1M8 2D 360 Degree 12 Meters Scanning Radius LIDAR Sensor Scanner for Obstacle Avoidance and Navigation of Robots Brand: Slamtec \*\*\*\*\* 47 ratings | 20 answered questions

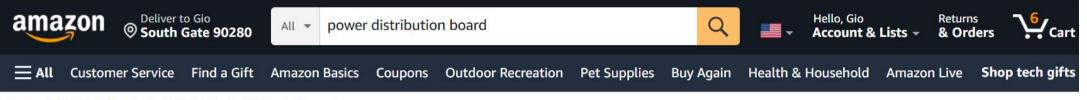
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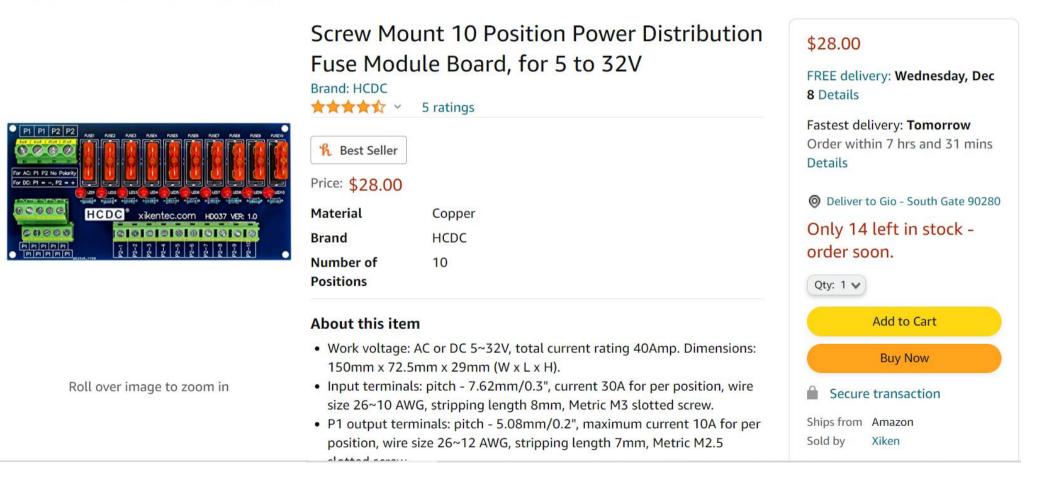
Slamtec BGA

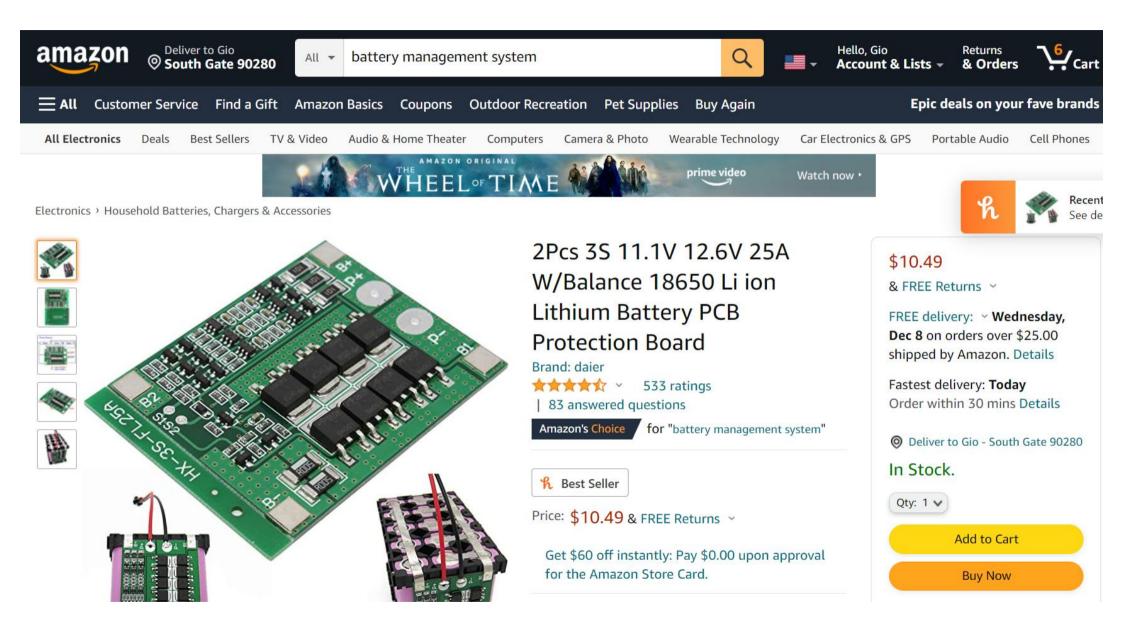


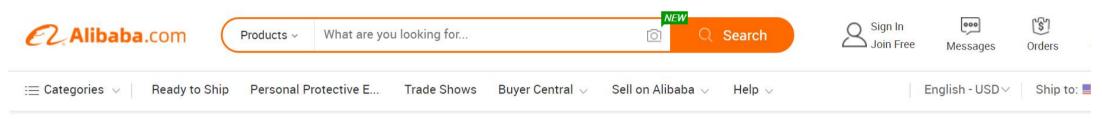
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20

VIDEO





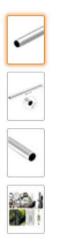




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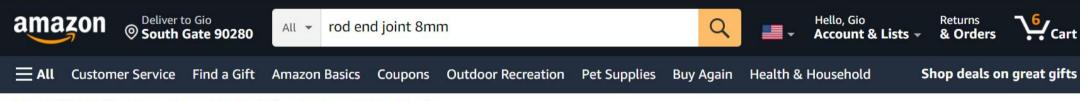
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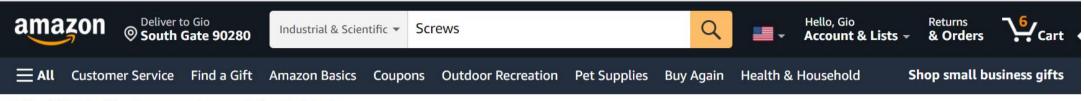


Industrial & Scientific > Power Transmission Products > Bearings > Rod End Bearings



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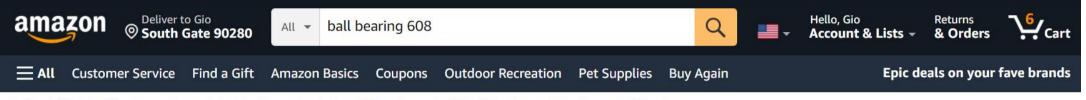
Industrial & Scientific > Fasteners > Screws > Socket Head Screws



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Item Thickness

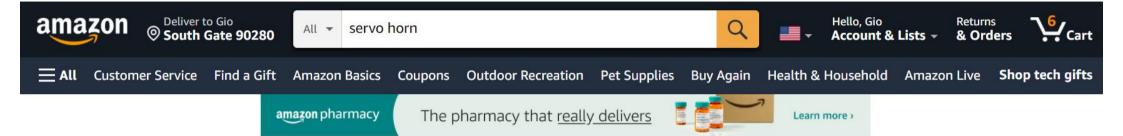
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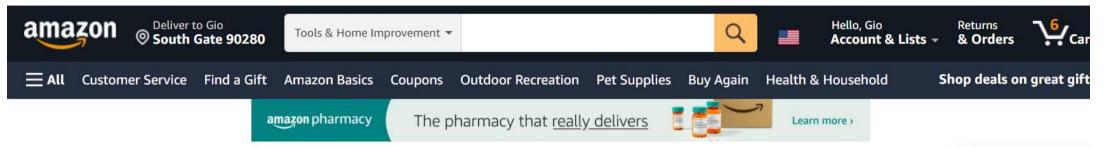
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