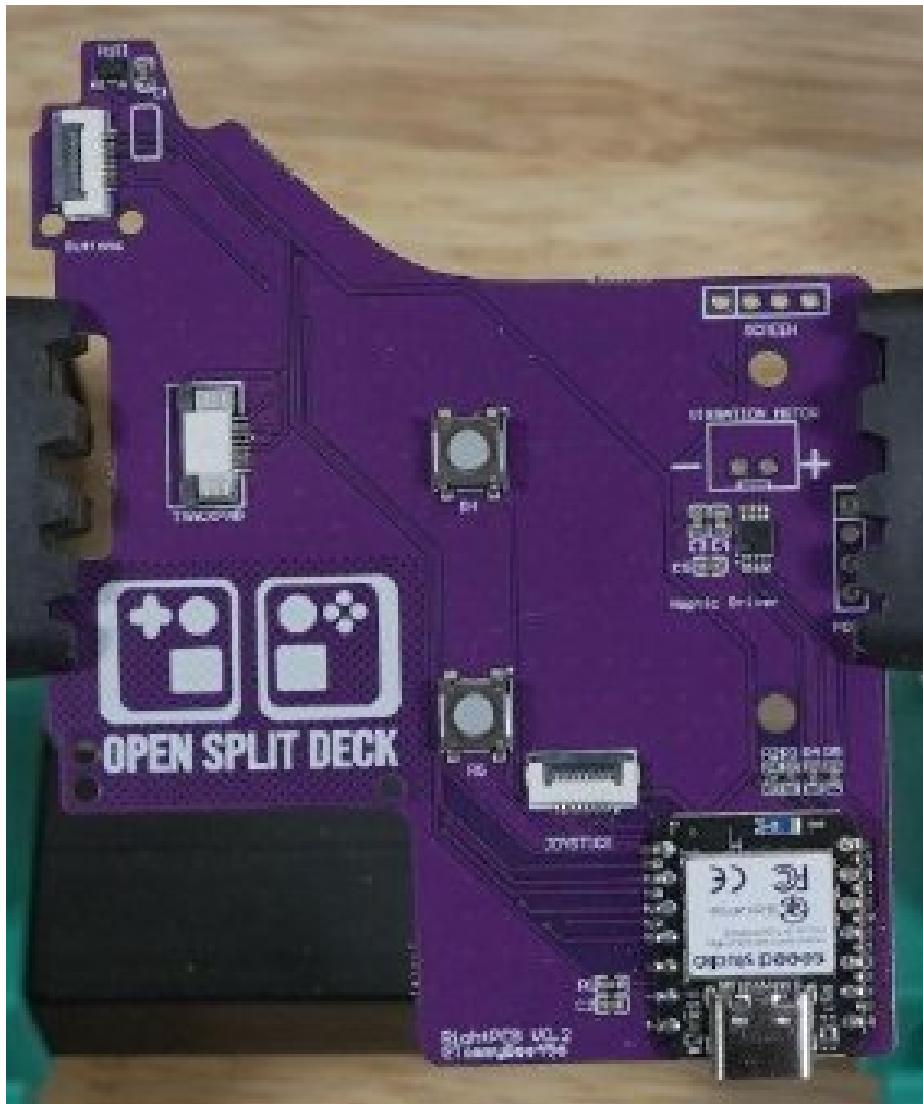


Open Split Deck

Ordering guide for PCBs



Prerequisites: Sign in to or create accounts for
JLCPCB and EasyEDA

1. Go to [the Open Split Deck github page](#)

The screenshot shows the GitHub repository page for 'OpenSplitDeck' (Public). At the top, there are navigation links for Code, Issues (5), Pull requests, Actions, Projects, Security, and Insights. The main content area displays a list of recent commits from 'tommybee456'. Below the commits, there's a 'About' section with a brief description of the project: 'A steam deck-like controller made from a mix of off the shelf parts and 3d printed parts with custom hardware and firmware'. It also lists the Readme, MIT license, activity, stars (894), watchers (33), forks (16), and a report repository link. On the left, there are sections for README and MIT license. The README section contains the title 'OpenSplitDeck (v0.2)', a description of the project as a custom modular wireless controller, a link to the 'Video', and a 'Join the Discord!' button. A note at the bottom states: 'This project is in an early development stage – v0.2. Expect breaking changes, bugs, and frequent'.

2. Scroll down to the build instructions. Open each of the links for the PCBs in a new tab

The screenshot shows the 'Build Instructions' section of the README file. It includes a list of links for Schematic and board files, BOM and Tools, and Build Guides. Three specific links ('LeftPCB', 'RightPCB', and 'Trackpad') have red arrows pointing to them, indicating they should be opened in new tabs. The 'Build Instructions' section also contains a link to a 'Current BOM - Living Sheet (Im Trying to find the best way to source everything still)'. Below this, there's a 'Contributing' section with a note about contributions and a 'License' section.

3. Each link will take you to a page on OSHWLab. Scroll down on the page until you see an image of the PCB and click the button labeled “Open in editor”

OSHWA Lab

Home Explore Activity Article Market Forum **OSHWA Lab Stars**

Please enter keyword search + Create Points Bell Login Register

Home / Explore / Project Details

OpenSplitDeck RightPCB V1.0

PRO Other_Modules Consumer_Electronics

Mode: Full

License: GPL 3.0 Creation time: 2025-07-22 07:07:07

Update time: 2025-10-21 05:35:53

fbrains69
Followers 4 | Likes 4
+Follow Private message

Description Design Drawing BOM Attachments Members Comments

[Open the Design Drawing](#)

Description
This is the left controller PCB for the OpenSplitDeck Project. Please check the github/youtube channel for build instructions. JLCPCB can do some assembly of this board if desired. It should all be setup correctly in EasyEDA.
Please make sure to order this PCB as 1.0mm thick. JLCpcb Defaults to 1.6mm

Design Drawing
[Board1](#)
[schematic diagram](#)

Related projects [Change](#)

- LattePanda Mu Mini Carrier** PRO
- LCSC Practical ESP32-S3 Dev Board** PRO
- LCSC Dizheng Star MSPMOL1306 Dev Board** PRO
- Ever Modular V1** PRO
- FoxDongle-OSHW nRF52840** PRO

OSHWA Lab

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Please enter keyword search + Create Points Bell Login Register

Description Design Drawing BOM Attachments Members Comments

[Open the Design Drawing](#)

OPEN SPLIT DECK

[BOM Download](#) [Purchase](#) **Open in Editor**

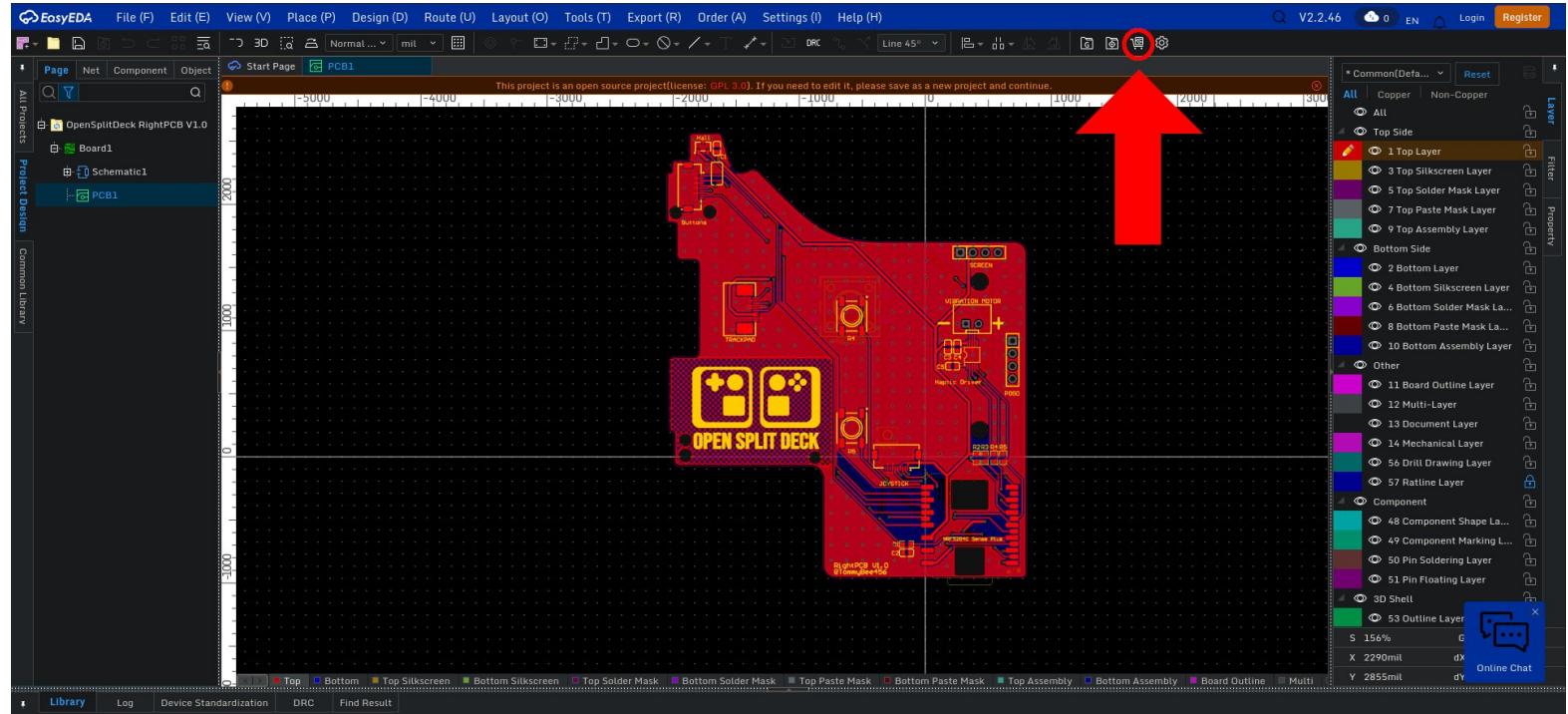
BOM

ID	Name	Designator	Footprint	Quantity	Manufacturer Part	Manufacturer	Supplier
1	XIAO-nRF52840_Plus_SMD	U1	XIAO-nRF52840-Plus-SMD	1			
2	Start	SW1	SW-SMD_L3.9-W3.0-P4.45	1	TS-1088-AR02016	XUNPU(讯普)	LCSC
3	Joystick	FPC1	FPC-SMD_10P-P0.50_XUNPU_FPC-05F-10PH15	1	Joystick	XUNPU(讯普)	LCSC

Related projects [Change](#)

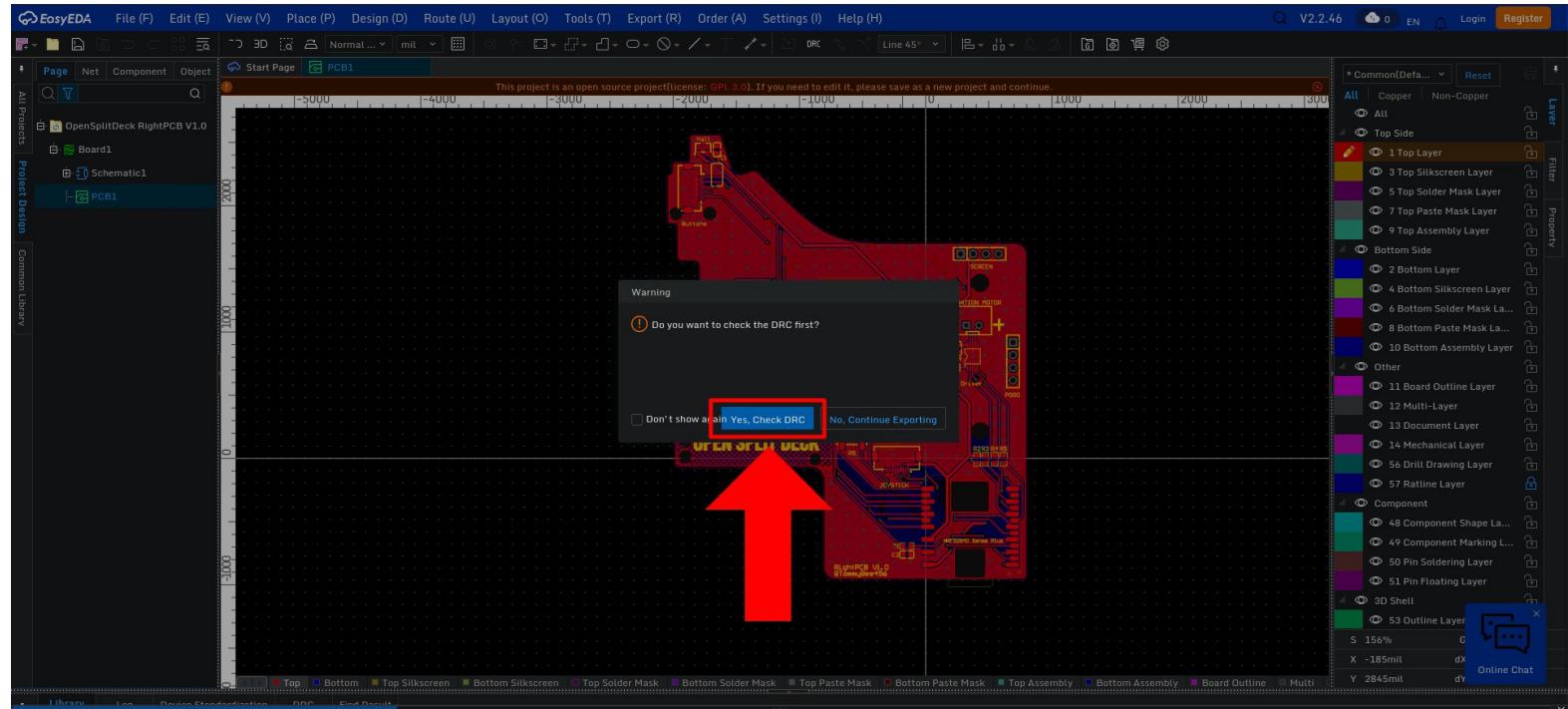
- LCSC Dizheng Star MSPMOL1306 Dev Board** PRO
- Ever Modular V1** PRO
- FoxDongle-OSHW nRF52840** PRO
- Mechanical Keyboard V2 (Hotswap, Aluminum)** PRO
- Jetson Orin Nano Expansion Board** STD
- STM32G473CEU6 Devboard** STD
- RIDGECON** PRO
- Sensores Musculares** PRO

4. This will open EasyEDA. Wait for the page to fully load, then click on the small shopping cart icon

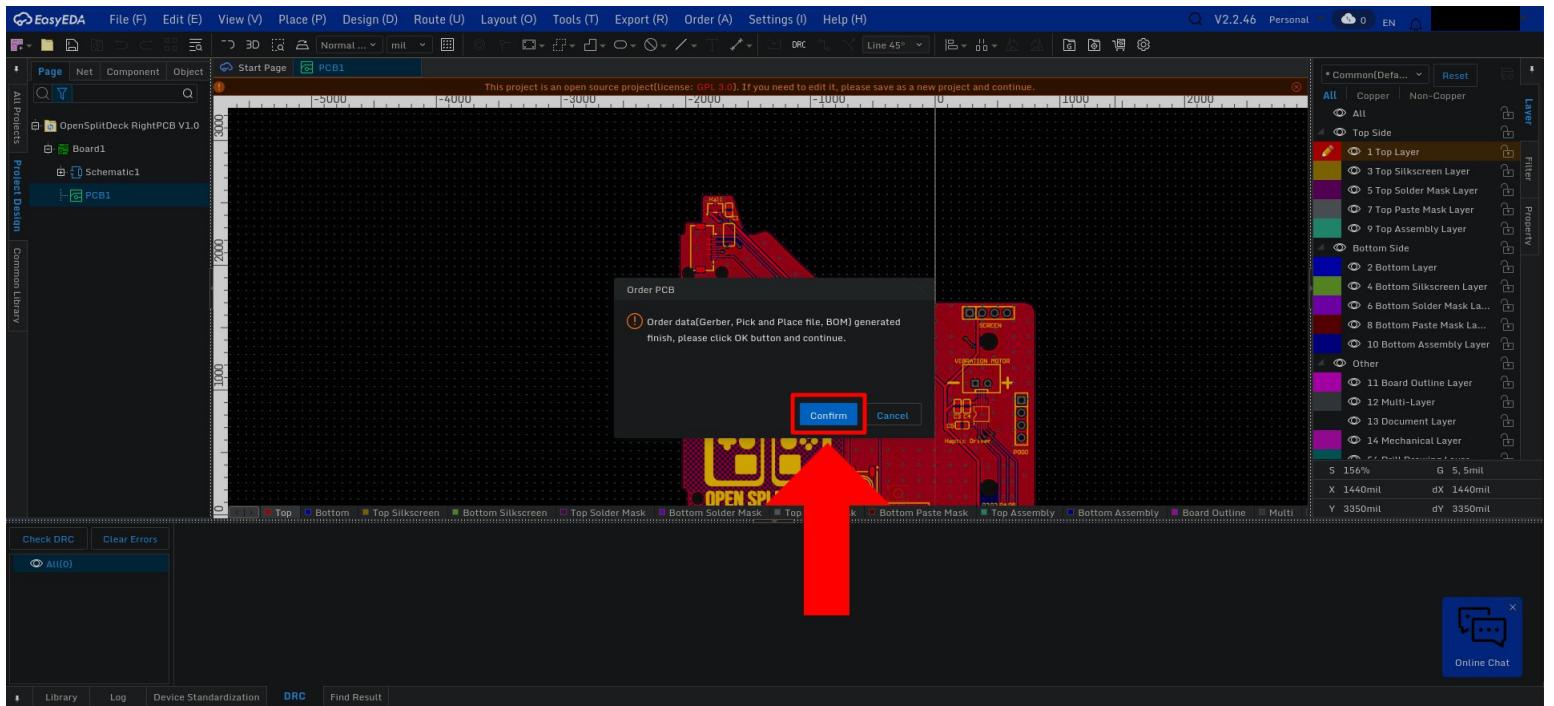


5. On the pop up that appears, click the option “Yes, Check DRC”

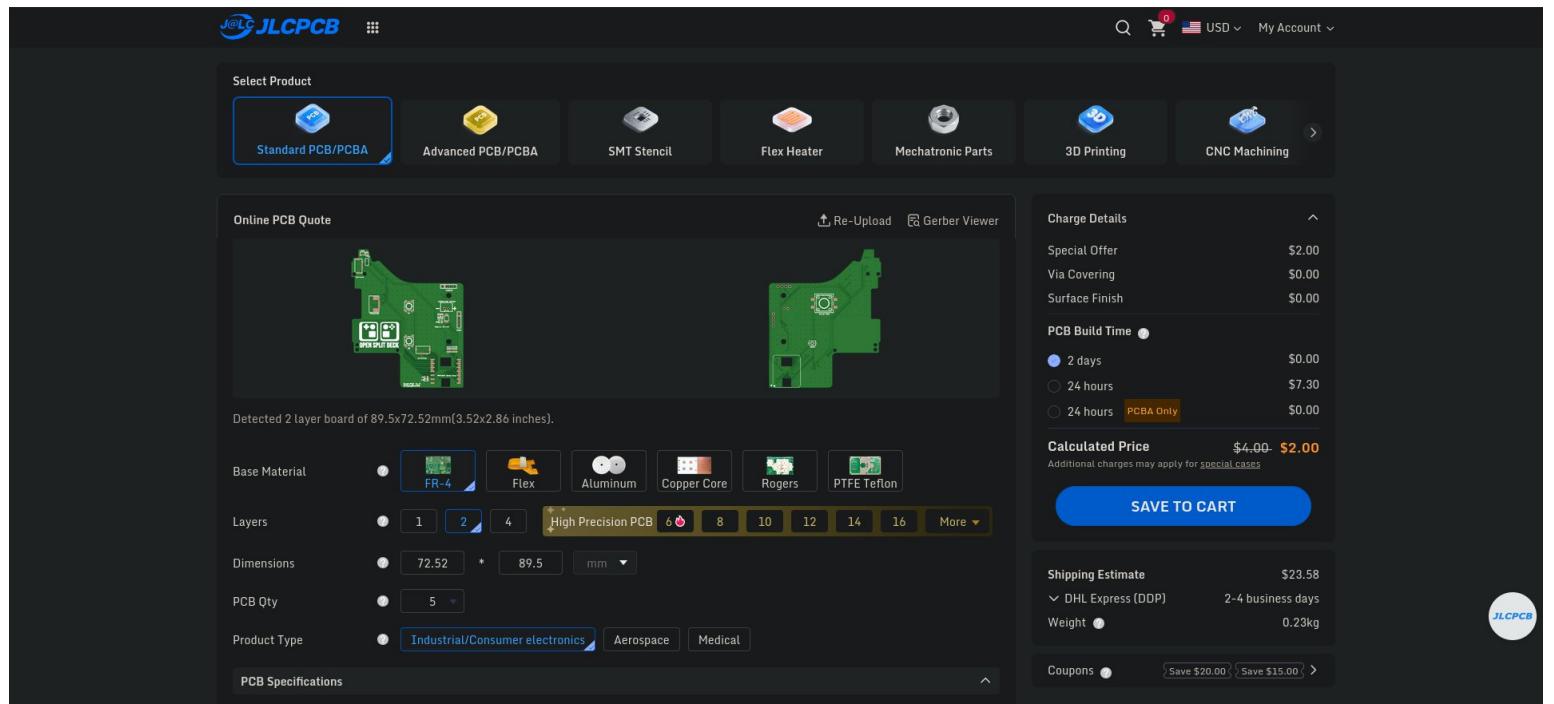
5a. If nothing happens, you may not be signed in to your EasyEDA account



6. Once finished, a new popup will appear. Click “Confirm”



7. This will take you to JLCPCB to order the parts and have them assembled



8. Scroll down to see the options for your PCBs, such as the color, set the thickness to 1mm, and then click “Save to cart” top add them to you cart for checkout. Make sure you do **NOT** choose the option for PCBA only.

The screenshot shows the JLCPCB PCB configuration interface. On the left, there are sections for 'PCB Qty' (set to 5), 'Product Type' (Industrial/Consumer electronics selected), and 'PCB Specifications'. Under 'PCB Thickness', '1.6mm' is selected. Under 'PCB Color', 'Green' is selected. Under 'Surface Finish', 'HASL(with lead)' is selected. On the right, 'Charge Details' show a special offer of \$2.00. 'PCB Build Time' offers 2 days, 24 hours, or 24 hours with 'PCBA Only' selected. The 'Calculated Price' is \$4.00 - \$2.00 = \$2.00. A large blue 'SAVE TO CART' button is at the bottom. Below it, shipping information shows DHL Express (DDP) with a 2-4 business day delivery time and a weight of 0.23kg.

9. Repeat these steps for each PCB until there are 3 items in your cart

The screenshot shows the JLCPCB shopping cart page. The cart contains three items, each with a red arrow pointing to its quantity input field:

- OpenSplitDeck_Trackpad.V1.3_PCB1_2...**: Quantity 5, Build Time 3 days, Price \$4.00.
- OpenSplitDeck_LeftPCB_V1.0_PCB1_2...**: Quantity 5, Build Time 3 days, Price \$4.00.
- OpenSplitDeck_RightPCB_V1.0_PCB1_2...**: Quantity 5, Build Time 3 days, Price \$2.00 (Special offer), Total \$4.00.

The 'SUMMARY' section on the right shows a subtotal of \$0.00 and a note that order won't be shipped until all items are ready. Payment method icons are shown at the bottom.

10. Once all 3 PCBs are added to your cart, you can click the check box next to each item in your cart and order your PCBs!

24-hour PCB production. Fast Delivery to United States.

JLCPCB Products Capabilities Support About Us

Coupons APP Download USD

Order Now My Account

SHOPPING CART

All (3) JLCPBCB (3) JLCCDP (0) JLCCNC (0) JLCCMC (0) Flex Heater (0)

Item Qty Build Time Price

JLCPBCB (PCB/PCBA/Stencil)

OpenSplitDeck_Trackpad_V1.3_PCB1_2... 5 5-6 days \$4.00

PCB prototype:Y11-11823038A
Black, 1 Thickness, HASL(with lead)
Customer #:
Product Details | Edit Order

OpenSplitDeck_RightPCB_V1.0_PCB1_... 5 5-6 days \$4.00

PCB prototype:Y10-11823038A
Black, 1 Thickness, HASL(with lead)
Customer #:
Product Details | Edit Order

OpenSplitDeck_LeftPCB_V1.0_PCB1_2... 5 5-6 days \$2.00 Special offer \$4.00

PCB prototype:Y9-11823038A
Black, 1 Thickness, HASL(with lead)
Customer #:
Product Details | Edit Order

SUMMARY 3 items>

Merchandise Total \$10.00

Shipping Estimated \$23.58

Coupons -\$6.00

Subtotal \$27.58

Est. shipping date 2026-02-09
Order won't be shipped until all items are ready.

Weight 0.30kg

Secure Checkout

+ Add new item

Recommended Deals

Payment method may vary by country.
SSL ENCRYPTED PAYMENT

JLCPCB

