





Pasos para elegir el servicio de PCB's y servicio de ensamble


- Agregar el archivo “Gerber_PCB_HUBOARD.zip”


 Standard PCB/PCBA

 Advanced PCB/PCBA

 SMT-Stencil

 3D/CNC

 Add gerber file

Only accept zip or rar, Max 20 MB, View example >  All uploads are secure and confidential.

[Instructions For Ordering](#) [Upload History >](#)

Base Material

FR-4

Flex

Aluminum

Copper Core

Rogers

PTFE Teflon

Layers

1

2

4

High Precision PCB

6

8

10

12

14

16

18

20

Dimensions

100

 *

100

mm

PCB Qty

5

- Verificar que coincidan las siguientes opciones

Base Material

FR-4

Flex

Aluminum

Copper Core

Rogers

PTFE Teflon

Layers

1

2

4

High Precision PCB

6

8

10

12

14

16

18

20

Dimensions

95

 *

40

mm

PCB Qty

5

Product Type

Industrial/Consumer electronics

Aerospace

Medical

PCB Specifications

Different Design

1

2

3

4

Delivery Format

Single PCB

Panel by Customer

Panel by JLCPCB

PCB Thickness

0.4

0.6

0.8

1.0

1.2

1.6

2.0

PCB Color

Green

Purple

Red

Yellow

Blue

White

Black

Silkscreen

White

Material Type

FR4-Standard TG 135-140

FR-4 TG155

FR-4 TG170

Surface Finish

HASL(with lead)

LeadFree HASL

ENIG

High-spec Options

High-spec Options ^

Outer Copper Weight ?

Inner Copper Weight ?

Specify Layer Sequence ?

Impedance Control ? [Impedance calculator >](#)

Layer Stackup ?

 [View Stackup](#)

Via Covering ?

Min via hole size/diameter ?

Board Outline Tolerance ?

Confirm Production file ?

Remove Order Number ?

Flying Probe Test ?

Gold Fingers ?

Castellated Holes ?

Advanced Options v

- En "Specify Layer Sequence" debe de tener este aspecto

Layer Sequence X

L1(Top layer) v

L2(Inner layer1) v


L3(Inner layer2) v


L4(Bottom layer) v

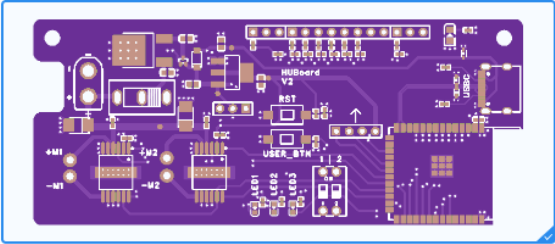
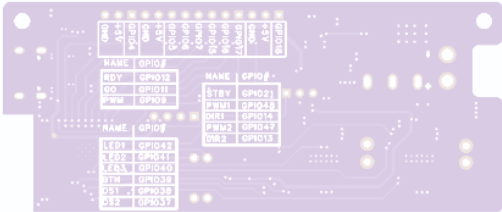
- Seleccionar el servicio de ensamble y verificar que estén seleccionadas las siguientes opciones

Advanced Options

PCB Remark


PCB Assembly


Coupon Free Assembly for your PCB order
 ☒

☒ Assemble top side
 ☐ Assemble bottom side

PCBA Type

Economic
 Standard
 [What's the difference?](#)

Assembly Side

Top Side
 Bottom Side
 Both Sides

PCBA Qty

5
 Custom Qty
 Qty from 2 to 5

Edge Rails/Fiducials

Added by JLCPCB
 Added by Customer

The board size is modified to be 95mm*70mm due to adding two 5mm edge rails on the shorter sides. [Learn more>](#)

Confirm Parts Placement

No
 Yes
 We recommend you also confirm the production file of your PCB.

Advanced Options

Photo Confirmation	<input type="text" value="No"/>	Board Cleaning	<input type="text" value="No"/>
Conformal Coating	<input type="text" value="No"/>	Bake Components	<input type="text" value="No"/>
Packaging	<input type="text" value="Antistatic bubble film"/>	Depanel boards & edge rail before delivery	<input type="text" value="No"/>
Solder Paste	<input type="text" value="Sn96.5%, Ag3.0%, Cu0.5"/>	Others	<input type="text" value="No"/>

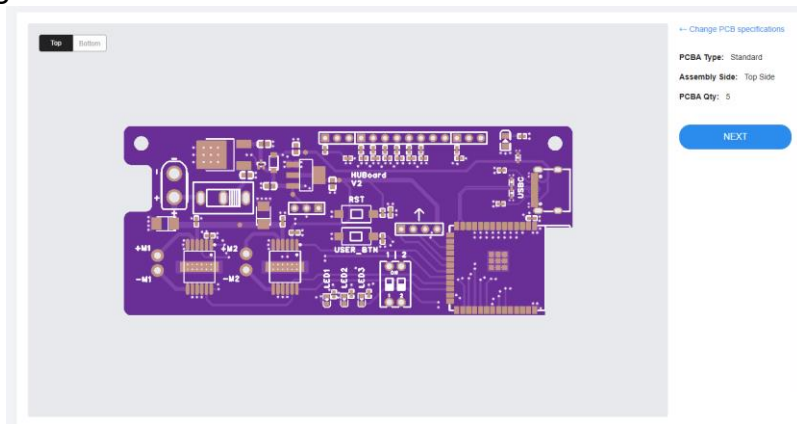
Remark

☒ I agree to [the Terms and Conditions of JLCPCB assembly Service.](#)

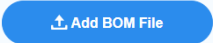
Confirm

Confirmar cuando se verifiquen las opciones

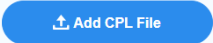
- Dar en siguiente



- Agregar Archivo “BOM_HUBOARD.xlsx” y “PickAndPlace_PCB_HUBOARD.xlsx”



Only accept XLS,XLSX,CSV [View Sample BOM](#)



Pick&Place File, Only accept XLS,XLSX,CSV [View Sample CPL](#)

Not sure where to start? Check our [SMT FAQs](#) page.

Process BOM & CPL

- Verificar que todos los componentes estén seleccionados

Uploaded BOM Data			Review Matched Parts						
Top Designator	Comment	Footprint	Matched Part Detail	Qty	Source	Lib Type	Total Cost	Select	
R6,R7,R8	5.1kΩ	R0402	RTT02512JTH C103086 62.5mW Thick Film Resistors ±100ppm/°C ±5% ...	20	JLPCPB	Extended	\$0.0080	<input checked="" type="checkbox"/>	
CN1	XT30UPB-F	CONN-TH_XT...	XT30UPB-F30.G.Y C108769 ...plus ROHS	5	JLPCPB	Extended	\$0.0090	<input checked="" type="checkbox"/>	
U6,U7	IFX9201SGA...	SO-12_L6.4-W...	IFX9201SGAUMA1 C112633 5V-36V SO-12-EP-300mil Motor Driver ICs RO...	10	JLPCPB	Extended	\$38.1850	<input checked="" type="checkbox"/>	
C1,C2,C9,C13,C...	100nF	C0402	GCM155R71E104KE02D C126527 25V 100nF XTR ±10% 0402 Multilayer Ceramic...	35	JLPCPB	Extended	\$0.3290	<input checked="" type="checkbox"/>	
USBC1	TYPE-C-31-...	USB-C_SMD-T...	TYPE-C-31-M-12 C165948 5A 1 16P Female Type-C SMD USB Connector...	5	JLPCPB	Extended	\$1.0035	<input checked="" type="checkbox"/>	
LED5	0805G(Green)	LED0805-R-RD	C2297 C2297 Emerald 0805 Light Emitting Diodes (LED) ROHS	20	JLPCPB	Basic	\$0.2520	<input checked="" type="checkbox"/>	
R2,R3,R4	560Ω	R0402	0402WGF5600TCE C25126 62.5mW Thick Film Resistors ±100ppm/°C ±1% ...	20	JLPCPB	Extended	\$0.0100	<input checked="" type="checkbox"/>	
R1	10kΩ	R0402	0402WGJ103TCE C25531 62.5mW Thick Film Resistors ±100ppm/°C ±5% ...	20	JLPCPB	Extended	\$0.0080	<input checked="" type="checkbox"/>	
R10,R12,R14,R1...	3kΩ	R0402	0402WGF3001TCE C25784 62.5mW Thick Film Resistors ±100ppm/°C ±1% ...	45	JLPCPB	Extended	\$0.0225	<input checked="" type="checkbox"/>	
R9,R11,R13,R15...	1.5kΩ	R0402	0402WGJ152TCE C25930 62.5mW Thick Film Resistors ±100ppm/°C ±5% ...	45	JLPCPB	Extended	\$0.0180	<input checked="" type="checkbox"/>	
U2	SS12D10G4...	SW-TH_SHOU...	SS12D10G4 071 C2887259 Vertical plug 2A SPDT 125V 3000Ω Plug-in Slid...	5	JLPCPB	Extended	\$0.7175	<input checked="" type="checkbox"/>	
SW1	ESP32-S3-W...	WIFIM-SMD_E...	ESP32-S3-WROOM-1-N8 C2913198 SMD, 18x25.5mm WiFi Modules ROHS	5	JLPCPB	Extended	\$18.0205	<input checked="" type="checkbox"/>	
SW4,SW5	TS-11019-C...	SW-SMD_L6.0-...	TS-11019-C-B-B-W-A C818937 No NO 50mA 500000Ω 250gf 12V Brick noggin...	12	JLPCPB	Extended	\$0.4668	<input checked="" type="checkbox"/>	
U5	AMS1117-3.3...	SOT-223-4_L6...	AMS1117-3.3 C347222 1A 60dB@(120Hz) Fixed 3.3V-3.3V Positive 1...	7	JLPCPB	Extended	\$0.2240	<input checked="" type="checkbox"/>	
D2,D3,D4	LES05D5 0C...	SOD-523_L1.2...	LES05D5 0CT1G C383211 5.6V 18.6V 5V Bi-Directional SOD-523 ESD Pr...	17	JLPCPB	Extended	\$0.2720	<input checked="" type="checkbox"/>	
Q1	NTA4151PT1G	SOT-416_L1.6...	NTA4151PT1G C54876 20V 700mA 300mQ@4.5V/350mA 301mW P.C...	7	JLPCPB	Extended	\$0.6909	<input checked="" type="checkbox"/>	
C15,C17	10uF	CAP-SMD_L3...	TAJB106K025RNU C7194 10uF 25V 2.5Q@100kHz ±10% CASE-B-3528 ...	10	JLPCPB	Extended	\$2.0300	<input checked="" type="checkbox"/>	
LED1,LED2,LED3	LEDYL	LED0603-RD-Y...	19-213/V2C-CQ2R2U3T(CY) C72038 Colorless transparent -40°C~+85°C 585.5nm~...	17	JLPCPB	Basic	\$0.3502	<input checked="" type="checkbox"/>	
C3	1uF	C0402	GRM155R61C105KE01D C77007 16V 1uF X5R ±10% 0402 Multilayer Ceramic C...	20	JLPCPB	Extended	\$0.0860	<input checked="" type="checkbox"/>	
D1	1N5819HW-7-F	SOD-123_L2.7...	1N5819HW-7-F C82544 40V 450mA V@1A 1A SOD-123 Schottky Barrier ...	7	JLPCPB	Extended	\$0.1337	<input checked="" type="checkbox"/>	
C4,C5,C6,C7,C8	10uF	C0603	CL10A106MA8NRNC C96446 25V 10uF X5R ±20% 0603 Multilayer Ceramic ...	30	JLPCPB	Basic	\$0.5910	<input checked="" type="checkbox"/>	
SW3	DSWB02LH...	SW-TH_DS WB...	DSWB02LHGET C99421 SPST Red Slide (Standard), 2 2 Pin Plug DL...	5	JLPCPB	Extended	\$0.8885	<input checked="" type="checkbox"/>	
U4	L7805CDT(U...	TO-252-2_L6.6...	No part selected						

- El componente U4 se requiere seleccionarlo de manera manual

SW3 DSWB02LH... SW-TH_DS... SPST Red Slide (Standard) 2 Plug... 5 JLCPCB Extended \$0.8885 ☒

U4 L7805CDT(U... TO-252-2_L6... No part selected Search Pre-order

Part Info Search Part Attribute

L7805CDT(UMW) search Basic Parts Only In Stock

Part	Package	Lib Type	Unit Price	Stock	My Part	Source	
L7805CDT(UMW) TO-252 Linear Voltage Regulators (...)	TO-252	Extended	0.1107	6963	0	JLCPCB	select

- Una vez seleccionado, dar en siguiente

LED1,LED2,LED3	LEDYL	LED0603-RD-Y...	19-213Y2C-CQ2R2L3T(CY) C72038 Colorless Transparence -40°C~+95°C 585 5mm~...	17	JLCPCB	Basic	\$0.3502	<input checked="" type="checkbox"/>
U4	L7805CDT(U...	TO-252-2_L6.6...	L7805CDT(UMW) C7394043 TO-252 Linear Voltage Regulators (LDO) ROHS	7	JLCPCB	Extended	\$0.7749	<input checked="" type="checkbox"/>
C3	1uF	C0402	GRM155R61C105KE01D C77007 16V 1uF X5R ±10% 0402 Multilayer Ceramic C...	20	JLCPCB	Extended	\$0.0860	<input checked="" type="checkbox"/>
D1	1N5819HW-7-F	SOD-123_L2.7...	1N5819HW-7-F C82544 40V 450mA @ 1A 1A SOD-123 Schottky Barrier ...	7	JLCPCB	Extended	\$0.1337	<input checked="" type="checkbox"/>
C4,C5,C6,C7,C8	10uF	C0603	CL10A105MA8NRNC C96446 25V 10uF X5R ±20% 0603 Multilayer Ceramic ...	30	JLCPCB	Basic	\$0.5910	<input checked="" type="checkbox"/>
SW3	DSWB02LH...	SW-TH_DS...	DSWB02LHGET C99421 SPST Red Slide (Standard) 2 Plug...	5	JLCPCB	Extended	\$0.8885	<input checked="" type="checkbox"/>

Please carefully check the packages of selected parts before proceeding.

< Go back [NEXT](#)

- Dar en siguiente

Select all top parts

Top Designator	JLCPCB Part #	Comment	Footprint
R6,R7,R8	C103086	5.1KΩ	R0402
CN1	C108769	XT30UPB...	CONN-1...
U6,U7	C122633	IFX9502IS...	SO-12,L6...
C1,C2,C9,C13,C1...	C126527	100uF	C0402
USBC1	C161948	TYPE C-S...	USB-C-S...
LED5	C2287	0805020...	LED0805...
R2,R3,R4	C25126	50Ω	R0402
R1	C25331	10KΩ	R0402
R10,R12,R14,R16...	C25784	3MΩ	R0402
R9,R11,R13,R15...	C26930	1.5KΩ	R0402
SW2	C287259	SS12010...	SW-TH-S...
U1	C2913198	ESP32-S...	WFM-S...
SW4,SW5	C318927	TS-1101S...	SW-SMD...
U5	C347222	AMS1111...	SOT-223...
D2,D3,D4	C383211	LED0505...	SOD-523...
Q1	C34876	NTA4151...	SOT-416...
C15,C17	C7194	10uF	CAP-ISM...
LED1,LED2,LED3	C72038	LEDYL	LED0603...

* The preview for reference only. Check final part placement at DFM Analysis in Order History in 4-6 hours after placing the order.

[NEXT](#)

- Seleccionar en descripción la opción “DIY”

Weight 825.70g

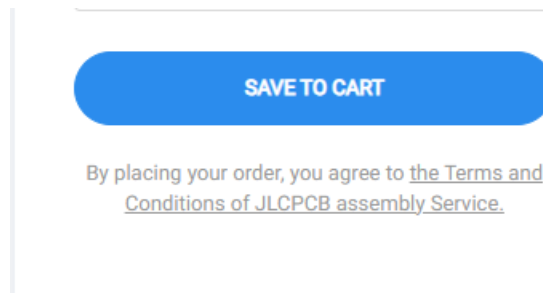
Product Description

Select

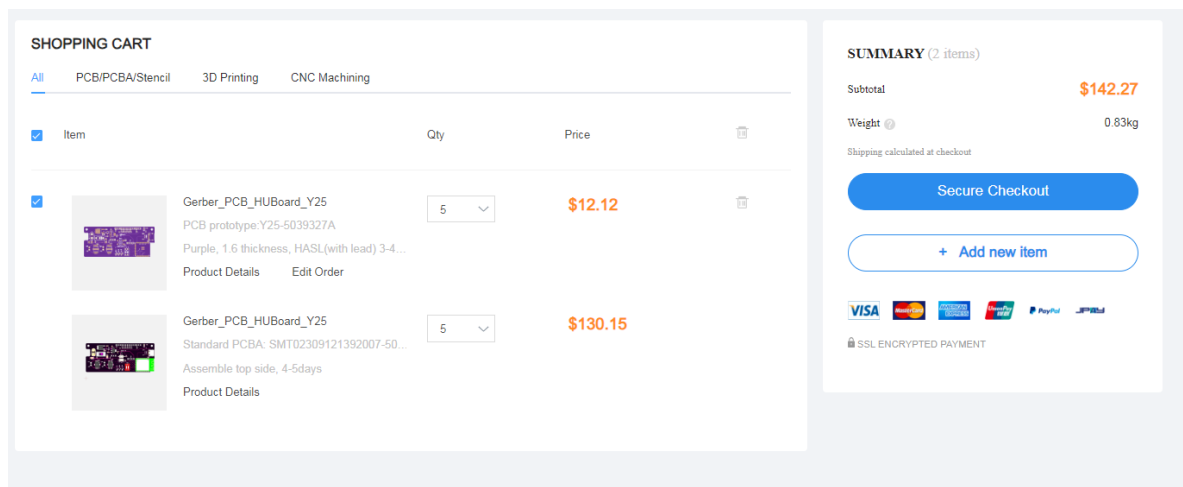
- Sensor\Controller\Precision Instrument >
- Office Appliance and Accessories >
- Audio and Video Appliance >
- Smart Product and Accessories >
- Reserch\Education\DIY\Entertainment >
- Household Appliance >

- DIY - HS Code 902300
- Development Board - HS Code 847330
- Programmable Controller - HS Code 853890
- Robot - HS Code 847990
- Video/TV Game Player - HS Code 950450
- Toy - HS Code 950300

- Dar en “Save to cart”



- Ir al carro de compras y darle “Secure Checkout”



- Elegir o proporcionar la dirección de entrega, en envío se selecciona la opción de “DHL Express Economy”

1.Shipping Address

Change

Shipping Information

Billing information

2.Shipping Method

CPT (Carriage paid to a named destination, duty, customs and taxes fee collected at the time of delivery)

☐ DHL Express Worldwide

3-5 business days

There might be import customs duties&Taxes and disbursement fee, if the order value exceeds the customs threshold.

☒ DHL Express Economy

4-6 business days

☐ UPS Express Saver

4-7 business days

☐ FedEx International Priority packet

5-8 business days

There might be import customs duties&Taxes and disbursement fee, if the order value exceeds the customs threshold.

DDP (Customs fee paid by JLC, customers still need to cooperate with customs clearance if required by local customs)

☐ Global Standard Direct Line

12-18 business days

There will be 3-5 days delivery delay due to the pile-up of goods in local warehouses. Last mile delivery is provided by bonded-express/Radpack/RABEE. Orders over USD 50 will be subject to DDP terms, customs duties & taxes will be collected by JLCPCB and paid to Mexican customs.

FCA (Freight, customs clearance, taxes and duties are buyer's responsibility)

☐ Use My own Freight Account

The shipping and tax charges will be billed directly to your freight account, please check your account rate as it may be higher than JLCPCB. There will be a \$2.00 operating fee for handing over your goods to the courier.

Back to Cart

Continue

La siguientes opciones son conforme a el método de pago, una vez realizado el pago se recibirá un archivo de confirmación de las PCB's y ensamble de 4 a 6 horas después a través del correo de la cuenta.