

PCB

Add Gerber Files

Only ZIP or RAR files accepted. Maximum size 20MB.

Copper Weight: 1oz - 3oz, Minimum Drill Hole Size: 0.2mm
Trace Width/Spacing: 4/4mil, Minimum Solder Mask Dam: 0.1mm

For special requirements not available on this page, please try the [Advanced PCB service](#). If you still cannot find what you are looking for, please send your requirements and Gerber files to us (pcb@seeed.cc) and we will come back to you with a price in 2 working days.

Base Material FR-4 TG131 Aluminum Flexible Boards

No. of Layers 1 layer 2 layer 4 layers 6 layers

PCB Dimensions * * Units in mm

PCB Quantity

No. of Different Designs 1 2 3 4 5 6 7 8 9 [Example](#)

PCB Thickness * Units in mm

PCB Color Green Red Yellow Blue White Black

Surface Finish HAS HASL Lead Free ENIG Hard Gold

PCB Cost

USD\$29.90

Base Material	FR-4 TG130
No. of Layers	2 layers
PCB Dimensions	100mm * 100mm
PCB Quantity	10
No. of Different Designs	1
PCB Thickness	1.60mm
PCB Color	Green
Surface Finish	ENIG
Minimum Solder Mask Dam	0.4mm↑
Copper Weight	1oz.
Minimum Drill Hole Size	0.3mm
Trace Width / Spacing	6/6 mil
Blind or Buried Vias	No
Plated Half-holes / Castellated Holes	No
Impedance Control	No

PCBA Cost

USD\$303.89

Setup Cost	USD\$50.00
Consumptive Material Cost	USD\$15.00
Assembly Cost	USD\$111.97
Component Cost	USD\$84.35
Operation Fee	USD\$42.56

Sub-Total **USD\$333.79**

trueProduction Time 20 Working Days

Weight Contact Support

Minimum Solder Mask Dam ⓘ

0.1mm↑

0.4mm

Copper Weight ⓘ

1oz

2oz.

3oz.

Minimum Drill Hole Size ⓘ

0.2mm

0.25mm

0.3mm

Trace Width / Spacing ⓘ

4/4 mil

5/5 mil

6/6 mil

Blind or Buried Vias ⓘ

Yes

N

Plated Half-holes / Castellated Holes ⓘ

Yes

N

Impedance Control ⓘ

Yes

N

Shipping

Calculated at Checkout

Add to Cart

Your final payment is subject to review for the component(s) that our system cannot match.

PCB Assembly More than 15,000 in-stock components and FREE express shipping all over the world ^

Add Assembly Drawing & Pick and Place File

Only ZIP or RAR files accepted. Maximum size 20MB.

1185794_unicolorabrdmfgdwgs13e.zip

- [How to Export PCB Pick and Place/XY Files?](#)
- [How to Export PCB Assembly Drawings/Fabrication Files?](#)
- [Seed Fusion PCB Assembly Service Quick Questions.](#)

PCBA Qty


Add BOM File

Only CSV, XLS or XLSX files accepted.

v1TKquot PCB1.3e BOM.xlsx

[How to shorten the PCBA production time without paying more? Check out Seeed's 10,000+ in-stock OPL Now](#)

Contact Support

Visual Inspection 
(Free for each PCBA)

Functional Test
(Highly recommended for small batch production)

There are 24 component(s) in your BOM, while there are 1 Manufacturer Part Numbers (MPN) that could not be matched by our system. Please provide product description links for the unmatched parts and add the order to your shopping cart. We will check the data manually and update the quotation within one working day.

	Designator	MPN	Quantity	Purchase Link
<input checked="" type="checkbox"/>	FUSE1	nSMD100 1206-1A 6V 1000MA	1 * 5	https://detail.1688.com/offer/590084930874.html

	Designator	MPN	SeedSKU	Description	Quantity	Waste quantity	Unit Price	Amount	Procurement Time
<input checked="" type="checkbox"/>	R4, R7, R8, R9, R10, R13	RC0805JR-07 12KL	30101033 2	SMD RES 12K-5%-1/8W; 0805	6 * 5	6	0.01	0.3600	1-2 days
<input checked="" type="checkbox"/>	FIRE1	SKRPABE010	31102051 8	SMD Top Button 1.57N; 4P-L4.6*W3.2*H2.5mm	1 * 5	1	0.34	2.0400	1-2 days
<input checked="" type="checkbox"/>	R11	RC0805FR-07 100KL	30101039 6	SMD RES 100K-1%-1/8 W;0805	1 * 5	5	0.01	0.1000	1-2 days
<input checked="" type="checkbox"/>	JP1, JP2	61300811121	50800000 1	集管和线壳 WR-PHD 2.5 4mm Hdr 8P Single Str Gold	2 * 5	1	0.33	3.6300	15-20 days
<input checked="" type="checkbox"/>	C3, C4, C5, C8, C12	0805F104M5 00NT	50800000 1	0805 100nF ±20% 50V Y 5V	5 * 5	1	0.02	0.5200	1-2 days
<input checked="" type="checkbox"/>	D1, D2, D3	1N4148W	50800000 1	VR=100V IF=300mA Trr= 4ns P=400mW	3 * 5	1	0.0072	0.1152	1-2 days
<input checked="" type="checkbox"/>	D5, D6	1N5819HW-7 -F	50800000 1	VR=40V IF=1A 60pF P=4 50mW	2 * 5	1	0.05	0.5500	1-2 days
<input checked="" type="checkbox"/>	C1, C7, C9, C10	CL21B105KP FNNNE	50800000 1	0805 1uF ±10% 10V X7R	4 * 5	1	0.03	0.6300	1-2 days
<input checked="" type="checkbox"/>	R12	RC0805FR-07 220KL	50800000 1	贴片电阻 0805 220KΩ ±1% 1/8W ±100ppm/°C	1 * 5	1	0.02	0.1200	1-2 days
<input checked="" type="checkbox"/>	U1	24AA02E64T-I/OT	50800000 1	电可擦除可编程只读存储器 2K, 256X8 1.8V SERIAL EE IND	1 * 5	1	0.23	1.3800	15-20 days
<input checked="" type="checkbox"/>	R1, R2	0805W8J0472 T5E	50800000 1	贴片电阻 0805 4.7KΩ ±5% 1/8W ±100ppm/°C	2 * 5	1	0.0072	0.0792	1-2 days
<input checked="" type="checkbox"/>	R5, R6	RC0805JR-07 470RL	50800000 1	贴片电阻 0805 470Ω ±5% 1/8W ±100ppm/°C	2 * 5	1	0.01	0.1100	1-2 days
<input checked="" type="checkbox"/>	U4	AMS1117-3.3	50800000 1	Io=1A Vimax=15V Vo=3. 3V	1 * 5	1	0.16	0.9600	1-2 days
<input checked="" type="checkbox"/>	J2	BWSMA-KE-P 001	50800000 1	0-12.4GHz 50Ω 335V 直插偏脚	1 * 5	1	0.35	2.1000	1-2 days
<input checked="" type="checkbox"/>	U2	CH340C	50800000 1	USB转UART串口, 内置晶振, 手册有提供将TTL 串口转换为RS232 串口的应用原理图	1 * 5	1	0.53	3.1800	1-2 days

<input checked="" type="checkbox"/>	I2C_OLED	PPTC041LFB N-RC	50800000 1	CONN HDR 4POS 0.1 TI N PCB	1 * 5	1	0.47	2.8200	15-20 days
<input checked="" type="checkbox"/>	U3	ESP-12S	50800000 1	已通过FCC/CE/RoHS认证的 ESP8266EX WIFI模块	1 * 5	1	2.78	16.6800	1-2 days
<input checked="" type="checkbox"/>	J6	10118194-00 01LF	50800000 1	CONN RCPT USB2.0 MIC RO B SMD R/A	1 * 5	1	0.44	2.6400	15-20 days
<input checked="" type="checkbox"/>	U5	UMH3NTN	50800000 1	双极晶体管 - 预偏置 DUA L NPN 50V 100MA SOT- 363	1 * 5	1	0.41	2.4600	15-20 days
<input checked="" type="checkbox"/>	WIFI-LINK, LoRa-QUAL	WS2812B	50800000 1		2 * 5	1	0.40	4.4000	15-20 days
<input checked="" type="checkbox"/>	S1	TS-A002	50800000 1		1 * 5	1	0.10	0.6000	15-20 days
<input checked="" type="checkbox"/>	RFM95	RFM95W-915 MHz	50800000 1		1 * 5	1	4.00	24.0000	15-20 days
<input checked="" type="checkbox"/>	C2, C6, C11	TCJN106M00 6R0200	50800000 1	Cap Tant Polymer 10uF 6.3VDC N CASE 20%(2.0 5 X 1.3 X 1mm) SMD 201 2-10 0.2 Ohm 105C T/R	3 * 5	1	0.93	14.8800	15-20 days

SMT Stencil



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To save on disappointment, please double check your design files for errors in our Online Gerber Viewer or otherwise. We will not be held responsible for errors in the files. Visit the [Fusion FAQ](#) for our specification, guides, tips and tricks and important design considerations.

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