



Reset

Calculate

Pricing And Build Time

High Reliability and a guaranteed/durable PCB

Advanced PCB Capabilities

PCB Type: 

Through hole board

HDI(Buried/blind vias)

BoardSpec: 

IPC 6012 Class 2

IPC 6012 Class 2

IATF16949

ISO13485

Customer Standard

Board type : 

Single pieces

Panel by Customer

Panel by PCBWay

X-out Allowance in Panel : 

Accept

Not Accept

Different design in panel : 

1

2

3

4

5

6

e.g.

\* Size (sets): 

311

X

115

mm

inch'↔mm

\* Quantity (sets): 

5

sets

Layers: 

1

2

4

6

8

10

12

14

16

18

20

22

24

26

28

30

32

34

36

38

40

42

44

46

48

50

52

54

56

58

60

Material: 

Tg140 FR-4

Tg150 FR-4

Tg170 FR-4

Tg150 FR-4(Halogen-free)

Tg170 FR-4(Halogen-free)

High-CTI(>=600V)

High-CTI(Halogen-free,>=600V)

High Speed(GHz)

High Frequency PCBs(DK)

Special Material(High low temperature)

\*Tg170 FR-4 Material: S1000-2, S1000-2M

Thickness: 

≥0.1-0.2 (reviewed)

0.2

0.4

0.6

0.8

1.0

1.2

1.6

2.0

2.4

2.8

3.2

3.6

4.0

4.4

4.8

5.2

5.6

6.0

Other (reviewed)

 \* Unit: mm

Min track/spacing: 

3/3mil

4/4mil

5/5mil

6/6mil

8/8mil ↑

Min hole size: 

0.15mm

0.2mm

0.25mm

0.3mm ↑

No Drill

Solder mask: 

Green

Red

Yellow

Blue

White

Black

Pink

Grey

Orange

Transparent

Purple

Matte black

Matte green

None

Silkscreen: 

White

Black

Yellow

Blue

Grey

None

Edge connector: 

Yes

No

Surface finish: 

HASL lead free

Immersion gold(ENIG)

OSP

Hard gold

Immersion silver(Ag)

Immersion Tin

HASL lead free + Selective Immersion gold

HASL lead free + Selective Hard gold

Immersion gold + Selective Hard gold

ENEPIG

None(Plain copper)

Thickness of Immersion Gold: 

2U"

3U"

PCB Detail List	
Material	Tg170 FR-4
Ink	TAIYO,Kuangshun
Board type	Panel by Customer
Layers	12 Layers
Size	311x115 mm
Quantity	5(sets)
Thickness	1.6 mm
Min track/spacing	3/3mil
Min hole size	0.15mm
Solder mask	Matte black
Silkscreen	White
Surface finish	Immersion gold(ENIG)
Finished copper	1 oz Cu
Inner Copper	1 oz
Customized Services and Advanced Options	Impedance control; Custom stackup; Leadless partially plated hard gold;
Final Inspection Report(free)	Default Inspection Report Microsection Inspection Report Solderability Test Report Thermal Stress Test Report Humidity indicator cards

Build Time	Qty	Total
13-14 days	5	\$1046.56

Final price is subject to our review.

Shipping Cost: \$31.42

UNITED STATES OF AMERICA

DHL

DHL 2-4 business days , wt : 0.63 kg

Shipment Date  
2024/3/4 AM

Delivery Date  
2024/3/7

PCB Cost: \$1046.56

Shipping: \$31.42

Total: \$1077.98

Save to Cart

Finished copper: ?

Bare board(0 oz Cu)

0.5 oz Cu

1 oz Cu

2 oz Cu

3 oz Cu

4 oz Cu

5 oz Cu

6 oz Cu

7 oz Cu

8 oz Cu


9 oz Cu

10 oz Cu

11 oz Cu

12 oz Cu

13 oz Cu



Inner Copper: ?

0.5 oz

1 oz

1.5 oz

2 oz

3 oz

4 oz

5 oz

6 oz

Customized Services and Advanced Options (Castellated holes,Edge plating,Impedance control...)

Hide

We may add extra cost for these special options which will be confirmed after review.


Peelable soldermask: ?

None

Hole copper thickness: ?

None

UL marking: ?



None

Date code: ?

None

Half-cut/Castellated holes ?

Edge plating ?

Impedance control ?

Custom stackup ?

Carbon ink ?

All vias filled with resin and capped ?

Via in pad ?

Countersink/Counterbore ?

Z-axis milling ?

Press-fit holes ?

via filled with copper ?

Black FR4 (black core) ?

Embedded copper PCB ?

Cavity PCB ?

Semi-Flex PCB ?

Whole/Partially hybrid PCB ?

Back drill PCB ?

Leadless partially plated hard gold ?

Final Inspection Report(free): ?

Default Inspection Report

Microsection Inspection Report

Solderability Test Report


Thermal Stress Test Report


Impedance Test Report

Humidity indicator cards

Other special request:

Fill in any PCB details to make it as clear as possible for us to understand your requirements.

☐  **SMD-Stencil** Order together with PCB

☐  **Assembly Service** The PCBs above need assembly

Calculate

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PCB Prototype the Easy Way!