

Universidad del Istmo de Guatemala
Emprendimiento y Realidad Guatemalteca
Ing. Victor Vargas
11 de noviembre 2025



Exámen Final

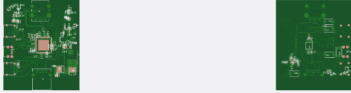
José Ricardo Alonzo González

Cotization

Online PCB Quote

Re-Upload

Gerber Viewer



Detected 4 layer board of 69.31x58.32mm(2.73x2.3 inches).

Base Material

FR-4

Flex

Aluminum

Copper Core

Rogers

PTFE Teflon

Layers

1

2

4

High Precision PCB

6

8

10

12

14

16

More

Dimensions

58.32

69.31

mm

PCB Qty

10

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

0.4mm

0.6mm

0.8mm

1.0mm

1.2mm

1.6mm

2.0mm

PCB Color

Green

Purple

Red

Yellow

Blue

White

Black

Silkscreen

White

Material Type

FR4 TG135

FR4 TG155

Nan Ya NP-140F

KB6164 - TG135

Nan Ya NP-155F

Surface Finish

KB-6165 - TG155

S1141 TG140

S1000H TG155

Gold Thickness

HASL(with lead)

LeadFree HASL

ENIG

High-spec Options

Charge Details

Special Offer

\$13.00

Via Covering

\$0.00

Surface Finish

\$16.40

Material Type

\$3.33

Inner Copper Weight

\$16.03

Economic PCB Price

Components

-

Extended components fee

-

SMT Assembly

-

Hand-soldering labor fee

-

Manual Assembly

-

PCB Build Time

3-4 days

\$0.00

3 days

PCBA Only

\$0.00

2-3 days

\$62.90

Calculated Price

\$48.76

Additional charges may apply for special cases

NEXT

Shipping Estimate

\$34.12

DHL Express

3-6 business days

Weight

0.26kg

Coupons

Save \$20.00

Save \$15.00

Welcome back, may I help you?

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Surface Finish

HASL(with lead)

Lead-free HASL

ENIG

Gold Thickness

1 U"

2 U"

High-spec Options

Outer Copper Weight

1 oz

2 oz

Inner Copper Weight

0.5 oz

1 oz

2 oz

Specify Layer Sequence

No

Yes

Specify Stackup

No

Yes

Impedance calculator

Via Covering

Plugged

Untented

Epoxy Filled & Capped

Copper paste Filled & Capped

Tented

Min via hole size/diameter

0.3mm/(0.4/0.45mm)

0.25mm/(0.35/0.4mm)

0.2mm/(0.3/0.35mm)

0.15mm/(0.25/0.3mm)

Board Outline Tolerance

+0.2mm(Regular)

+0.1mm(Precision)

Confirm Production file

No

Yes

Mark on PCB

Remove Mark

Order Number(Specify Position)

2D barcode (Serial Number)

Order Number

Electrical Test

Flying Probe Fully Test

Gold Fingers

No

Yes

Castellated Holes

No

Yes

Press-Fit Hole

No

Yes (Tolerance +/-0.05mm)

Edge Plating

No

Yes

Blind Slots

No

Yes

UL Marking

No

Yes (Any Position)

Yes (Specify Position)

Advanced Options

PCB Remark

PCB Assembly

Assembly cost starting from \$0 with coupon

Charge Details

Special Offer

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\$3.33

Inner Copper Weight

\$16.03

Economic PCB Price

Components

-

Extended components fee

-

SMT Assembly

-

Hand-soldering labor fee

-

Manual Assembly

-

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NOTA: Hay varios componentes que JLCPCB no reconoce pero que su MFRPN si existe en digikey.

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PCB

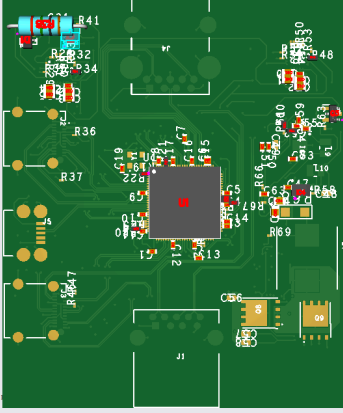
Bill of Materials

Component Placements

Quote & Order

Automatically saved, last updated on 13 November, 20:07

Select all top parts



Top

Bottom

3D


Smooth Model

Top Designator	JLPCB Part #	Comment	Footprint
C1,C2,C3,C4,C...	C14003	100N	exp000...
C22,C23,C24,C...	C16780	47U	CC0805...
C47	C23630	2U2	exp000...
C83	C16534	10P	exp000...
D1	C2000	BAV99...	BAV99215
IC4	CP1241	TPS621...	SCN00...
Q1	C85049	2N7002...	SC798P...
Q3	C150082	MMBT3...	SC798P...
R11,R12,R13,R...	C25804	10K	RC0805...
R38	C389539	49 9K	res000...
U1	C3210689	USB725...	usb7252

NEXT

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PCB

Bill of Materials

Component Placements

Quote & Order

Automatically saved, last updated on 13 November, 20:07

Charge Details

PCB Price	\$48.76
Via Covering	\$0.00
Special Offer	\$13.00
Surface Finish	\$16.40
Inner Copper Weight	\$16.03
Material Type	\$3.33
Confirm Production file	\$0.00

Economic PCBA Price

Setup Fee	\$0.00
Stencil	\$1.50
Panel	\$0.00
Large Size	\$0.00
Components(11 items)	\$163.15
Extended components fee @	\$12.00
SMT Assembly @	\$3.55
Confirm Parts Placement	\$0.43
Hand-soldering labor fee	\$3.50
Manual Assembly @	\$0.35
Nitrogen reflow soldering	\$0.94

Build Time: ●

PCB: 3 days	\$0.00
Assembly ● 4 - 5 days	\$0.00

Total Price:

\$242.18

Weight @

883.05g

Product Description @

Audio and Video Appliance / Audio Equip...

SAVE TO CART

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