



Christian Saiz - NOAA Affiliate <christian.saiz@noaa.gov>

FW: ----Quote # 6133017 / XT-124168, XT-124169 / PN # : AOML_AB

1 message

Chi Hang <Chi.Hang@apctinc.com>

Mon, Apr 22, 2024 at 6:06 PM

To: Christian Jonathan Saiz - NOAA Affiliate <christian.saiz@noaa.gov>

Cc: "pedro.pena@noaa.gov" <pedro.pena@noaa.gov>

Christian,

Here you go One FAB 2 ASM quotes for your review PN # : AOML_AB

- a) Partial assembly - XT-124168
- b) Complete assembly - XT-124169

FAB Quote # 6133017

Comments :

-Quoted with all Spec as per reference Quote# 6132736.

-Quoted with 1 up scoring array with 0.25" rails on all side for assembly.

Chi D. Hang | Regional Sales Manager

Main: 800-979-4722 ext. 1358

E-mail: chi.hang@apctinc.com[21101 E 32nd Pkwy. Aurora, CO 80011](#)

From: Christian Jonathan Saiz - NOAA Affiliate <christian.saiz@noaa.gov>**Sent:** Friday, April 19, 2024 11:50 AM**To:** support <support@apctinc.com>; Carl Wehrle <Carl.Wehrle@apctinc.com>

Cc: Pedro Pena - NOAA Federal <pedro.pena@noaa.gov>

Subject: Fwd: Your FreeDFM.com results for your design GerbersAOMLAB30reorganizedv2.zip.

Good afternoon,

I'm reaching out in regards to a quote for prototype PCB boards with and without SMT components assembly.

1) Free DFM conflicts

I've used the online tool Free DFM to upload my files and the report came back with a number of violations, but I can't see all of them (can only see one page containing 5 violations of 31).

I updated my files with the 5 corrections I was able to see, and the files are attached to this email.

Is it possible to view all of them, or do you check the drawings before manufacturing?

What FreeDFM found on your design

Potential Show Stoppers

Insufficient Spacing (31 violations)	1 2 3 4 5
Insufficient Annular Ring (5 violations)	1 2 3 4 5
Missing Soldermask Clearance (8 violations)	1 2 3 4 5

Problems Automatically Fixed

Insufficient Soldermask Clearance (516 violations)	1 2 3 4 5
Insufficient SMT Soldermask Clearance (714 violations)	1 2 3 4 5
Insufficient Silkscreen Line Width (4169 violations)	1 2 3 4 5

2) PCB quote

I'd like to get a quote for 1, 3 and 5 PCBs (Only PCB) with the standard options and no special certifications, as it was configured on my **Quote #: 6132736**

Part #	AOML_AB3.0	Revision #	1	Layer count	2
X Dimension	12.2	Y Dimension	3.94	Array	<input type="checkbox"/>
Tab-Route?	<input type="checkbox"/>	Scoring?	<input type="checkbox"/>		
Material Type	FR4	Finish Thickness	0.062"	Finish Plating	Lead Free Solde
Gold Fingers?	None	Copper Wt. (Outer)	1 oz	Soldermask Color	Green
SolderMaskType	LPI	Soldermask	both sides	<input type="checkbox"/> Mixed Inner Cu Wt	
Outer Min Trace	0.006"	Inner Min Trace	0.008"		
Outer Min Space	0.008"	Inner Min Space	0.008"		
Smallest Hole Size	0.011	Silkscreen	top side	Silkscreen Color	White
Top SMD Pads	740	Bottom SMD Pads	0	Min. Pitch	0.02
Certifications & Qualifications:	IPC Class 2-A600	(Pricing Subject To File Review)	<input type="checkbox"/> Outside Test Lab		
<input type="checkbox"/> Special Coupons	<input type="checkbox"/> AS9100? (AS9102 FAI \$400.00 minimum if applicable)		Hi-Pot Test	None	

3) PCB assembly

I'd also like to get different quotes for a complete and partial assembly, with the components supplied by you as turnkey (please include cost of components according to BOM -attached-).

a) Partial assembly

39 SMT components, 1 side (top), 1 and 2 PCB assembled

b) Complete assembly of all SMT devices.

167 SMT components, 1 side (top), 1 and 2 PCB assembled

4) Shipping

Least expensive option under 5 days to Orlando, FL 32832

Please exclude taxes from quote, and address it to:

Christian Saiz,

NOAA/AOML

4301 Rickenbacker Causeway

Miami, FL 33149

Thank you,

----- Forwarded message -----

From: <do-not-reply@apctinc.com>

Date: Wed, Apr 17, 2024 at 7:06 PM

Subject: Your FreeDFM.com results for your design GerbersAOMLAB30reorganizedv2zip.

To: <christian.saiz@noaa.gov>

Receive 50 Dollars off your PCB order from FreeDFM.com! Promo Code: DFM50

Your Advanced Circuits quote number is: 6132023.

Click to view Quote and then click the link: FreeDFM Viewer 2.0 - to view the New Interactive FreeDFM Results for design GerbersAOMLAB30reorganizedv2zip:

<https://www.my4pcb.com/Net35/Login.aspx> Please note, accessing your quote has been modified. Clicking on the above link will take you to our login page. Please enter your user name and password and you will be able to retrieve your quote from the section -Existing PCB Quotes Without Orders-.

Click to view PLOTS for design GerbersAOMLAB30reorganizedv2zip: <https://www.freedfm.com/freedfm/0037169906132023/results/plots.htm>

Click to view DFM results for design GerbersAOMLAB30reorganizedv2zip: <https://www.freedfm.com/freedfm/0037169906132023/results/summary2.htm>

Click here for a callback from our CAM department: <https://www.freedfm.com/callback.htm>

We need your feedback to improve. Click here for a quick survey: <https://www.freedfm.com/feedback.htm>

Multilayer pdf output results for design GerbersAOMLAB30reorganizedv2zip: <https://www.freedfm.com/freedfm/0037169906132023/FreeDFM-v2.0/freeDFM.pdf>

Advanced Circuits FreeDFM

1-800-979-4722 Ext 1666

Mon - Fri 7am to 7pm MT

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Christian J. Saiz

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5 attachments



XT-124168 Issue.pdf

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