

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





One Company | One Team

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 GerbersAOMLAB30reorganizedv2zip.

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)	12345
Insufficient Annular Ring (5 violations)	<u>12345</u>
Missing Soldermask Clearance (8 violations)	12345

Problems Automatically Fixed	
Insufficient Soldermask Clearance (516 violations)	12345
Insufficient SMT Soldermask Clearance (714 violations)	12345
Insufficient Silkscreen Line Width (4169 violations)	12345

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		
	Tab-Route?		Scoring?				
<u>Material Type</u>	FR4	~	Finish Thickness	0.062"	Finish Plating	Lead Free Sold∈ ∨	
Gold Fingers?	None 🗸		Copper Wt. (Outer)	1 oz 💙			
<u>SolderMaskType</u>	LPI v		<u>Soldermask</u>	both sides 🗸	Soldermask Color	Green	•
Outer Min Trace	0.006"		Inner Min Trace	0.008"	Mixed Inner Cu	Wt	
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-A6	(Pricing 9	Subject To File Review)	Outside Test L	<u>ab</u>		
Special Coupons	AS9100? (A	AS9102 FAI \$400.00 minimi	um if applicable)		<u>Hi-Pot Test</u>	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

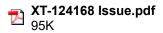
Mon - Fri 7am to 7pm MT

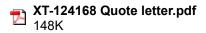
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Christian J. Saiz

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5 attachments





XT-124169 Issue.pdf 78K

XT-124169 Quote letter.pdf

6133017.pdf 329K