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Part #: 100221331	Revision: A	Date: 4/2/2019	Quote #: 5300459
Monterey Bay Aquarium Research Institute			Quote valid for 30 days

STANDARD SPEC Price Matrix:

(Qty = Pieces, Not Arrays)

- Standard Spec bare board pricing assumes lead-free HAL (alternatively, board finish may be upgraded to ENIG or Silver at no additional cost in the rare event lead-free HAL becomes temporarily unavailable), FR4, green mask, white silkscreen, and non-plated slots.
- We now offer both non-plated and plated thru holes on all of our standard spec boards (if no specifications provided, holes will be plated).
- INCLUDES UL markings and date codes. 94V-0 is added if requested at time of order entry or if noted in files. Minimum finished hole size .010". Hole tolerance +/- .005". Minimum Trace/Space .005".
- All files receive full CAM review and inspection to IPC class 2-A600.
- If your design includes countersink/counterbore or if you have controlled dielectric/stackup or impedance requirements, refer to Custom Spec matrix.
- Electrical Test is optional for 0-6 layer board. Unit price does not include shipping and handling. AC Terms and Conditions apply.
- Advanced Circuits has a 90 day limited warranty and we will not accept liability for any cost in addition to the value of the bare boards including but not limited to components, labor, business interruptions and any other consequential damages or losses. Advanced Circuits disclaims any open-ended acceptance of liability for losses beyond our control.

To Place Order, Click on UNIT PRICE below:

Qty	Same Day	1-day	2-day	3-day	4-day	5-day	E Test(Lot)
5	\$212.66	\$135.71	\$106.11	\$82.43	\$80.06	\$77.69	\$85.00
10	\$106.33	\$67.85	\$53.05	\$41.21	\$40.03	\$38.84	\$110.00
50	\$22.96	\$15.27	\$12.31	\$9.94	\$9.70	\$9.47	\$160.17
150	\$8.13	\$5.56	\$4.58	\$3.79	\$3.71	\$3.63	\$160.17
Tooling NRE = \$0							

AS A SPEC & PRICING ALTERNATIVE
THE STANDARD SPEC MATRIX
ASSUMES:

See #1 thru #7 above.

CUSTOM SPEC Price Matrix: (Qty = Pieces, Not Arrays)

- The Custom Spec bare board Matrix reflects pricing for the **EXACT SPECS** you **QUOTED** (except as noted in the comments).
- Our default multi-layer FR4 material is Isola 185HR or equivalent.
- All files receive full CAM review and inspection to the certification / qualification you select below.
- INCLUDES UL markings and date codes. 94V-0 is added if requested at time of order entry or if noted in files. Finished hole tolerance +/- .003" (if requested). Unit price does not include shipping and handling. AC Terms and Conditions apply.
- Advanced Circuits has a 90 day limited warranty and we will not accept liability for any cost in addition to the value of the bare boards including but not limited to components, labor, business interruptions and any other consequential damages or losses. Advanced Circuits disclaims any open-ended acceptance of liability for losses beyond our control.

To Place Order, Click on UNIT PRICE below:

Qty	Same Day	1-day	2-day	3-day	4-day	1-week	2-week	3-week	4-week
5	\$326.40	\$268.48	\$178.96	\$126.31	\$110.51	\$105.25	\$94.72	\$84.19	\$73.65
10	\$164.11	\$134.97	\$89.95	\$63.47	\$55.52	\$52.87	\$47.58	\$42.28	\$36.98
50	\$34.27	\$28.17	\$18.74	\$13.19	\$11.53	\$10.98	\$9.87	\$8.76	\$7.65
150	\$15.62	\$12.79	\$8.42	\$5.84	\$5.07	\$4.82	\$4.30	\$3.79	\$3.27
Tooling NRE = \$163.77 (Tooling waived when re-ordered) * Testing = \$160.17									

* ET charges shown above do not include Hi-Pot test charges.

Part #	100221331	Revision #	A	Layer count	2
X Dimension	2.7	Y Dimension	0.68	Array	☐
Tab-Route?	☐	Scoring?	☐		
Material Type	FR4	Finish Thickness	0.062"	Finish Plating	Lead Free Solder
Gold Fingers?	None	Copper Wt. (Outer)	1 oz		
SolderMaskType	LPI	Soldermask	both sides	Soldermask Color	Green
Outer Min. Trace/Space	0.010"	Inner Min Trace/Space	0.008"		
Smallest Hole Size	0.046	Silkscreen	top side	Silkscreen Color	White
Top SMD Pads	22	Bottom SMD Pads	0	Min. Pitch	0.050"
Certifications & Qualifications:	IPC Class 2-A600 (Pricing Subject To File Review) ☐ AS9100? (AS9102 FAI \$400.00 minimum if applicable)				
Additional Attributes:	☐ Controlled Dielectric? ☐ Controlled Impedance? (Pricing Subject To File Review) ☐ Plated Slots? ☐ Plated Edges? (Pricing Subject To File Review) ☐ Counterbores? ☐ Countersinks? ☐ Castellated Holes?				
Advanced Technologies:	Blind/Buried Vias? None Microvias? None (Finished hole size <= .006") ☐ Soldermask Plugged Vias? Via-In-Pad? None				
Optional Specs: Select only if known... NOT REQUIRED for ONLINE QUOTING	☐ Holes Plated .0015? # Holes Per Board 0 ☐ Cores < .004? # Pem Nuts 0 ☐ Etchback? LPI Legend None ☐ Cover Coat? ☐ Edge Mill? ☐ Cavity Process? ☐ Laser Rout? ☐ Controlled Depth Drilling? ☐ Unique Serialization? ☐ Back Drilling? ☐ Tetra Etch?				
Quantities:	5	10	50	150	ITAR ☐ Yes ☒ No

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