100% U.S. Based Manufacturing
With Facilities Located in
Aurora, CO, Tempe, AZ,
& Maple Grove, MN

Part #: 301-MMFE-8	Revision: a	Date: 5/13/2014	Quote #: 3837999
University of Arizona - Physics			

STANDARD SPEC Price Matrix:

1. Standard spec pricing assumes lead-free HAL plating, FR4, all holes plated thru (PTH), green mask, white silkscreen, and non-plated slots.

2. DOES NOT include UL markings, 94V-0 and date codes. Minimum finished hole size .010". Hole tolerance +/- .005". Minimum Trace/Space .005".

3. All files receive full CAM review and inspection to IPC-A-600, class 2 standards.

4. If your design includes countersink/counterbore or if you have controlled dielectric/stackup or impedance requirements, refer to Custom Spec matrix.

5. Electrical Test is optional for 0-6 layer board.   Unit price does not include shipping and handling.   AC Terms and Conditions apply.

To Place Order, Click on UNIT PRICE below: (Qty = Pieces, Not Arrays)

Qty	Same Day	1-day	2-day	3-day	4-day	5-day	E Test(Lot)
5	N/A	N/A	N/A	N/A	N/A	N/A	$385.00
10	N/A	N/A	N/A	N/A	N/A	N/A	$410.00
50	N/A	N/A	N/A	N/A	N/A	N/A	$425.00
150	N/A	N/A	N/A	N/A	N/A	N/A	$425.00
Tooling NRE = $0							

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

See #1 thru #5 above.
Call Us

CUSTOM SPEC Price Matrix:

1. The Custom Spec Matrix reflects pricing for the EXACT SPECS you QUOTED .

2. All files receive full CAM review and inspection to IPC-A-600, Class 2 or 3 standards based on customer request and quote.

3. 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.

To Place Order, Click on UNIT PRICE below: (Qty = Pieces, Not Arrays)

Qty	Same Day	1-day	2-day	3-day	4-day	1-week	2-week	3-week	4-week
5	Call Us	Call Us	$988.78	$794.02	$677.17	$638.22	$560.32	$482.41	$404.51
10	Call Us	Call Us	$525.37	$421.80	$359.65	$338.94	$297.51	$256.08	$214.65
50	Call Us	Call Us	Call Us	Call Us	$131.68	$124.02	$108.70	$93.39	$78.07
150	Call Us	Call Us	Call Us	Call Us	Call Us	Call Us	$65.15	$55.92	$46.68
Tooling NRE = $599.00 (Tooling waived when re-ordered) * Testing = $425.00									

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

Part #	301-MMFE-8		Revision #	a	Layer count	12 ▼
X Dimension	8.465		Y Dimension	2.362	Array ☐	
	Tab-Rout? ☐		Scoring? ☐			
Material Type	FR4 ▼		Finish Thickness	0.062" ▼	Finish Plating	Lead Free Solde ▼
Gold Fingers?	None ▼		Copper Wt. (Outer)	1 oz ▼	Copper Wt. (Inner)	1 oz ▼
SolderMaskType	LPI ▼		Soldermask	both sides ▼	Soldermask Color	Green ▼
Min. Trace/Space	0.004" ▼					
Smallest Hole Size	.008		Silkscreen	both sides ▼	Silkscreen Color	White ▼
Top SMD Pads	4738		Bottom SMD Pads	4738	Min. Pitch	0.025" ▼
Certifications & Qualifications:	IPC Class 2 ▼	(Pricing Subject To File Review)				

	☐ <u>AS9100?</u> (AS9102 FAI $250.00 if applicable)		
Additional Attributes:	☐ <u>Controlled Dielectric?</u>		
	☐ <u>Controlled Impedance?</u> (Pricing Subject To File Review)		
	☐ <u>Plated Slots?</u>		
	☐ <u>Plated Edges?</u> (Pricing Subject To File Review)		
	☐ <u>Counterbores?</u>		
	☐ <u>Countersinks?</u>		
	☐ <u>Castellated Holes?</u>		
Advanced Technologies:	<u>Blind/Buried Vias?</u> [None ▾] <u>Microvias?</u> [None ▾] (Finished hole size <= .006")		
	☐ <u>Soldermask Plugged Vias?</u> <u>Via-In-Pad?</u> [None ▾]		
Optional Specs: Select only if known... NOT REQUIRED for ONLINE QUOTING	☐ <u>Holes Plated .0015?</u>	<u># Holes Per Board</u> [ ]	
	☐ <u>Cores < .004?</u>	<u># Pem Nuts</u> [0]	
	☐ <u>Etchback?</u>	<u>LPI Legend</u> [None ▾]	
	☐ <u>Cover Coat?</u>	☐ <u>Edge Mill?</u>	
	☐ <u>Cavity Process?</u>	☐ <u>Laser Rout?</u>	
	☐ <u>Controlled Depth Drilling?</u>	☐ <u>Unique Serialization?</u>	
	☐ <u>Back Drilling?</u>	☐ <u>Tetra Etch?</u>	
Quantities:	5 10 50 150	<u>ITAR</u> ◯ Yes ⦿ No	
Comments:	[ ]		

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