



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



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Part #: 41cell_final	Revision:	Date: 3/5/2018	Quote #: 4996045-MQT
MBARI			

CUSTOM SPEC Price Matrix:

(Qty = Pieces, Not Arrays)

1. The Custom Spec bare board Matrix reflects pricing for the **EXACT SPECS** you **QUOTED** (except as noted in the comments).
2. Our default multi-layer FR4 material is Isola 185HR or equivalent.
3. All files receive full CAM review and inspection to IPC-A-600, Class 2 or 3 standards based on customer request and quote.
4. 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.

Qty	SameDay	1-day	2-day	3-day	4-day	6-Day	10-Day	15-Day	20-Day
10	-	-	-	-	-	\$381.19	\$350.70	\$320.20	\$304.96
12	-	-	-	-	-	\$349.93	\$321.93	\$293.94	\$279.94
15	-	-	-	-	-	\$340.69	\$313.43	\$286.18	\$272.55
20	-	-	-	-	-	\$293.75	\$268.20	\$255.43	
Tooling NRE = \$325.00				(Tooling waived when re-ordered)			Testing = \$375.00		

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

Part #	41cell_final	Revision #		Layer Count	6		
X Dimension	12.5	Y Dimension	12.34	Array	☐		
Tab-Rout?	☐	Scoring?	☐				
Material Type	370HR	Finish Thickness	0.125	Finish Plating	Leaded Solder		
FR406 Enable	☐	Copper Wt. (Outer)	2	Copper Wt. (Inner)	2		
Gold Fingers?	None	Soldermask	Both Sides	Soldermask Color	Blue		
SolderMaskType	LPI						
Inner Min Trace/Space	0.005						
Outer Min Trace/Space	0.005						
SmallestHoleSize	0.0119	Silkscreen	Both Sides	Silkscreen Color	White		
Top SMD Pads	353	Bottom SMD Pads	1633	Min. Pitch	0.015		
Certification & Qualification:	IPC Class 2-A600	(Pricing Subject To File Review)		☐ CAM Review (C3)			
Additional Attributes:	☐ Controlled Dielectric? ☐ Controlled Impedance? (Pricing Subject To File Review) ☐ CAM Review (Impedance) ☐ Plated Slots? ☐ Plated Edges? (Pricing Subject To File Review) ☐ CAM Review (Edges) ☐ Counterbores? ☒ Countersinks? # Plated 84 # Non-Plated 0 ☐ Castellated Holes?						
Advanced Technologies:	Blind/Buried Vias? None ☐ Microvias? None ☐ (Finished hole size <= .006) Via-In-Pad? Non-Conductive ☐ ☐ Soldermask Plugged Vias?						
Optional Specs:	☐ Holes Plated .00152 ☐ Cores < .0042 ☐ Etchback? ☐ Cover Coat? ☐ Cavity Process? ☐ Controlled Depth Drilling? ☐ Back Drilling?						
	# Holes Per Board 1816 # Pem Nuts 0 LPI Legend None ☐ Edge Mill? ☐ Laser Rout? ☐ Unique Serialization? ☐ Tetra Etch?						

Quantities:

ITAR

Yes



No

Comments:

q#4996045 Cam Comments: Taylor JA/MQT-vip.

-Electrical testing.

Sales Comments: Taylor

It was approved by Jim to have 5mil trace space an 2oz inner copper weight