

Since 1986, **Sierra Circuits**, has been a leading supplier of high technology, quick-turn Printed Circuit Boards. ISO-9001:2000 and MilSpec certified, Silicon Valley based company. From standard technology online PCBs to 22 layer, blind/buried vias, metal core PCBs, we are: **America's Complete PCB Resource**



[Home](#)  
[Logout](#)

Welcome, Mitchell Underwood,  
You are logged in as woodyu388

[About Us](#) [Products & Services](#) [Capabilities](#) [FAQs](#) [Quote & Order](#) [Track Your Order](#) [Customer Service](#)

## Quote/Order our Web PCBs (What is the Web PCB promotion?)

[Print](#)

**Quote #: WMQ74880-1**      **Part #/Revision: SIPMAMP / 1.0**      **Quote Created: May 29 2009 1:41PM**  
 Name: Mitchell Underwood      Email: mitchell.underwood@uconn.edu      ▶ [When will my boards ship if I place an order today?](#)  
 Company: University of Connecticut      Phone: 8603069234

Note: We show you TWO price matrices. Please read terms and choose carefully!  
 ▶ Predefined Spec assumes Standard Technology : FR4, HASL Finish, Green Solder Mask, White Silk Screen.  
 ▶ Custom Spec is EXACTLY the specs you quoted.

### PRE-DEFINED SPEC Pricing: (Read our Assumptions!)

1. Pre-defined spec pricing assumes HAL plating, FR4, 0.062", all holes plated thru (PTH), green mask, white silkscreen, and non-plated slots (if any). We will use our standard copper plating (1 oz Outers and 0.5 oz Inners).
2. DOES NOT include UL markings, 94V-0 and date codes. Finished hole tolerance +/- .005".
3. All files receive full CAM review and inspection to IPC-A-600G, 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. We do not charge for NRE/Tooling. It is free!
6. Electrical Testing is optional for 1 to 6 layer boards. For boards with more than 6 layers, Electrical Testing is mandatory.
7. Unit prices shown do not include any Shipping charges.

Turn Time Quantity	1 Day	2 Days	3 Days	4 Days	5 Days	2 Weeks
3	<a href="#">\$723.35</a>	<a href="#">\$579.17</a>	<a href="#">\$338.73</a>	<a href="#">\$263.22</a>	<a href="#">\$86.15</a>	<a href="#">\$73.22</a>
5	<a href="#">\$448.67</a>	<a href="#">\$354.83</a>	<a href="#">\$225.64</a>	<a href="#">\$252.90</a>	<a href="#">\$82.77</a>	<a href="#">\$70.35</a>
10	<a href="#">\$238.51</a>	<a href="#">\$190.61</a>	<a href="#">\$141.29</a>	<a href="#">\$151.08</a>	<a href="#">\$77.70</a>	<a href="#">\$66.04</a>
20	<a href="#">\$127.88</a>	<a href="#">\$96.60</a>	<a href="#">\$87.50</a>	<a href="#">\$65.69</a>	<a href="#">\$65.69</a>	<a href="#">\$51.24</a>

### CUSTOM SPEC Pricing: (Exact Specs that you Quoted)

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-600G, class 2 standards.
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).
4. We do not charge for NRE/Tooling. It is free!
5. Electrical Testing is optional for 1 to 6 layer boards. For boards with more than 6 layers, Electrical Testing is mandatory.
6. Unit prices shown do not include any Shipping charges.

Turn Time Quantity	1 Day	2 Days	3 Days	4 Days	5 Days	2 Weeks	3 Weeks	4 Weeks
3	<a href="#">\$843.91</a>	<a href="#">\$675.70</a>	<a href="#">\$395.18</a>	<a href="#">\$307.09</a>	<a href="#">\$100.50</a>	<a href="#">\$85.43</a>	<a href="#">\$74.37</a>	<a href="#">\$63.32</a>
5	<a href="#">\$493.54</a>	<a href="#">\$390.32</a>	<a href="#">\$248.21</a>	<a href="#">\$278.19</a>	<a href="#">\$91.04</a>	<a href="#">\$77.39</a>	<a href="#">\$67.37</a>	<a href="#">\$57.36</a>
10	<a href="#">\$250.44</a>	<a href="#">\$200.14</a>	<a href="#">\$148.35</a>	<a href="#">\$158.64</a>	<a href="#">\$81.58</a>	<a href="#">\$69.35</a>	<a href="#">\$60.37</a>	<a href="#">\$51.40</a>
20	<a href="#">\$130.95</a>	<a href="#">\$98.92</a>	<a href="#">\$89.60</a>	<a href="#">\$67.27</a>	<a href="#">\$67.27</a>	<a href="#">\$52.47</a>	<a href="#">\$48.43</a>	<a href="#">\$39.02</a>

#### Quote Help

Hover over items to get quick help. To freeze this click on an item when hovering  
**Unfreeze Pane**

**PCB Specifications** ( You may change specifications and get a new quote here )

Part Number	<input type="text" value="SIPMAMP"/>	Revision	<input type="text" value="1.0"/>
Layers:	<input type="text" value="6 Layer"/>	X Dimension:	<input type="text" value="6"/>
Are your boards in Arrays?	<input type="radio"/> Yes <input checked="" type="radio"/> No	Y Dimension:	<input type="text" value="2.64"/>

**Surface Finish:**

HASL: also called Leaded Solder: 63/37 Tin/lead solder application.  
 Lead Free HASL: also called Lead Free Solder: Tin/copper solder application.  
 Hard Gold: also called Deep Gold: Electrolytic gold plating finish.  
 Immersion White Tin: 1-5 microinches of white tin.  
 Immersion Silver: 12-15 microinches of silver.  
 Immersion Gold: 3-10 microinches of gold over electroless nickel (ENIG).  
 OSP: Organic Surface Protectant.  
 Flash Gold: 3 to 8 microinches of electrolytic gold.  
 Soft Gold: 99% pure, 30-100 microinches of gold (Wire Bondable Gold).  
 Carbon Ink: Conductive carbon paste selectively applied.

Route and Retain <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Scoring <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Material FR4
Finished Thickness 0.062 inches	Surface Finish HASL	Gold Fingers <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Number of Holes <input type="text" value="620"/>	Outer Layer Finish 1 Oz Copper	Inner Copper 0.5 oz Inners
<b>Per Board</b>		
Minimum Hole Size 0.010 Inches	Minimum Trace (Outer layer) 0.005 Inches	Minimum Space (Outer layer) 0.005 Inches
	Minimum Trace (Inner layer) 0.006 Inches	Minimum Space (Inner layer) 0.006 Inches
Solder Mask <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Counter Bore <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Counter Sink <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Solder Mask Sides Top and Bottom	Solder Mask Color Green	
Solder Mask Type LPI	Solder Mask Finish Standard (Semi-Gloss)	
Silk Screen <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Internal Slots None	Edge Plating <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Silk Screen Sides Top	Silk Screen Color White	
Controlled Impedance 10% tolerance	Controlled Dielectric <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ITAR? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Quantity of Individual Boards</b> <input type="text" value="3"/> <input type="text" value="5"/> <input type="text" value="10"/> <input type="text" value="20"/>		
<b>Electrical Testing</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

[Get Quote](#)

