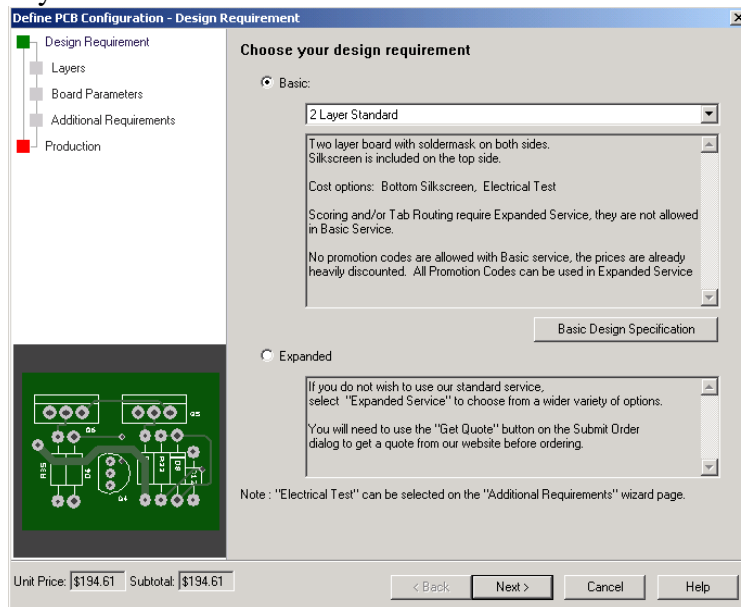


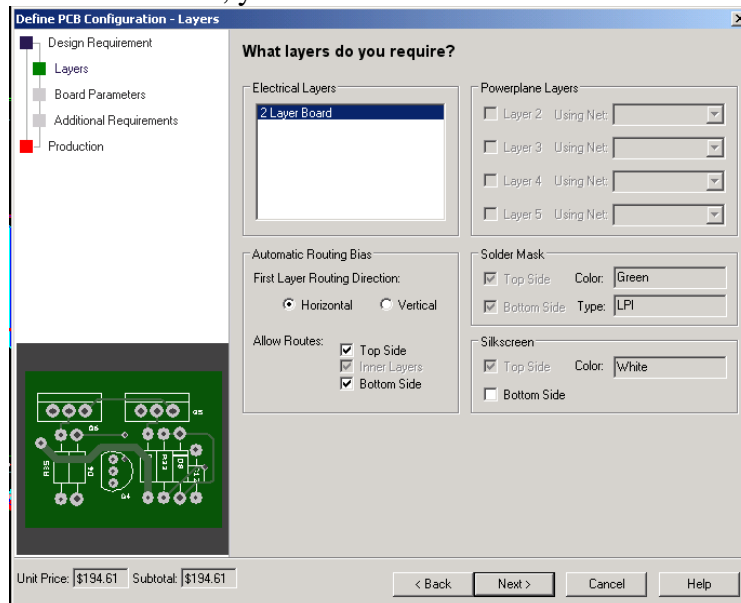


With a PCB open in PCBArtist

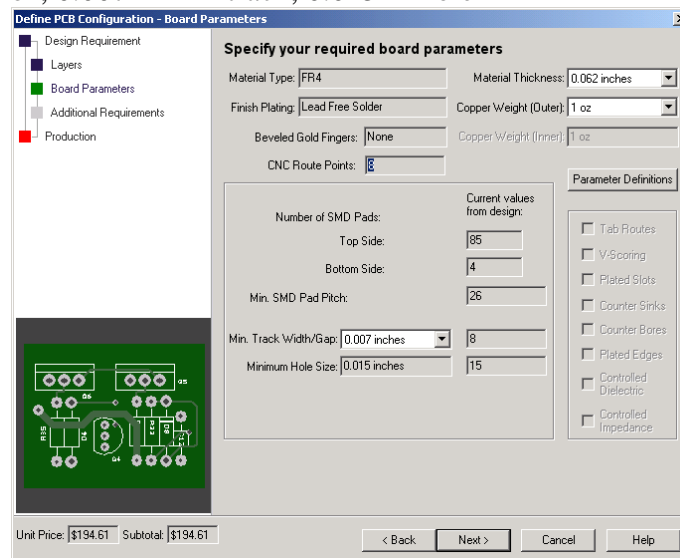
- 1) Execute **Settings->PCBConfiguration**  
Basic, 2-layer Standard



2. No bottom silk or Bottom silk, your choice



3. 0.062 inches, 1 oz, 0.007 in min track, 0.015 in hole



**Define PCB Configuration - Board Parameters**

**Specify your required board parameters**

Material Type: FR4 Material Thickness: 0.062 inches  
 Finish Plating: Lead Free Solder Copper Weight (Outer): 1 oz  
 Beveled Gold Fingers: None Copper Weight (Inner): 1 oz  
 CNC Route Points: 8

Number of SMD Pads: Current values from design:  
 Top Side: 85  
 Bottom Side: 4  
 Min. SMD Pad Pitch: 26

Min. Track Width/Gap: 0.007 inches 8  
 Minimum Hole Size: 0.015 inches 15

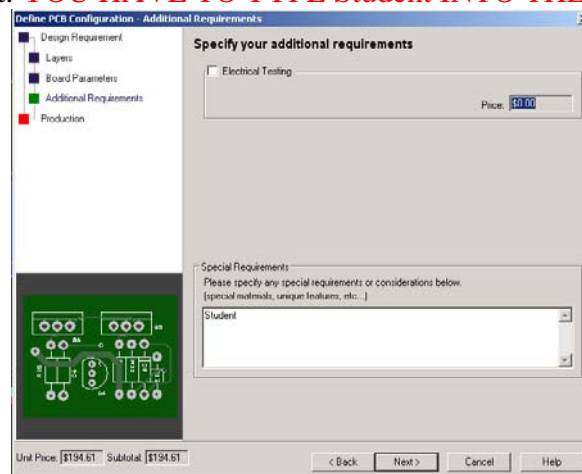
**Parameter Definitions**

- ☐ Tab Routes
- ☐ V-Scoring
- ☐ Plated Slots
- ☐ Counter Sinks
- ☐ Counter Bore
- ☐ Plated Edges
- ☐ Controlled Dielectric
- ☐ Controlled Impedance

Unit Price: \$194.61 Subtotal: \$194.61

< Back Next > Cancel Help

4. No testing, Student. **YOU HAVE TO TYPE Student INTO THE WINDOW.**



**Define PCB Configuration - Additional Requirements**

**Specify your additional requirements**

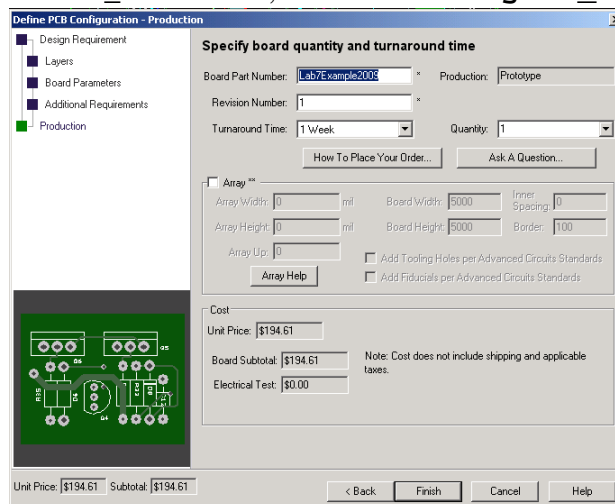
☐ Electrical Testing Price: \$0.00

**Special Requirements**  
 Please specify any special requirements or considerations below  
 (special materials, unique features, etc.)  
 Student

Unit Price: \$194.61 Subtotal: \$194.61

< Back Next > Cancel Help

5. Board part number, 1 week, quantity 1, no array. Your board name will be SomethingCute\_LastName1\_LastName2, such as **HearingAid\_Valvano\_Bard**



**Define PCB Configuration - Production**

**Specify board quantity and turnaround time**

Board Part Number: Lab2Csample000 \* Production: Prototype  
 Revision Number: 1 \*  
 Turnaround Time: 1 Week Quantity: 1  
 How To Place Your Order... Ask A Question...

☐ Array \*\*  
 Array Width: 0 mil Board Width: 5000 Inner Spacing: 0  
 Array Height: 0 mil Board Height: 5000 Border: 100  
 Array Up: 0 ☐ Add Tooling Holes per Advanced Circuits Standards  
☐ Add Fiducials per Advanced Circuits Standards

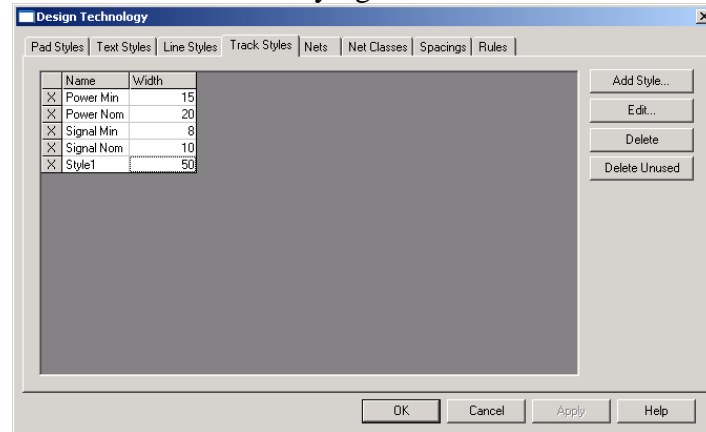
**Cost**  
 Unit Price: \$194.61  
 Board Subtotal: \$194.61 Note: Cost does not include shipping and applicable taxes.  
 Electrical Test: \$0.00

Unit Price: \$194.61 Subtotal: \$194.61

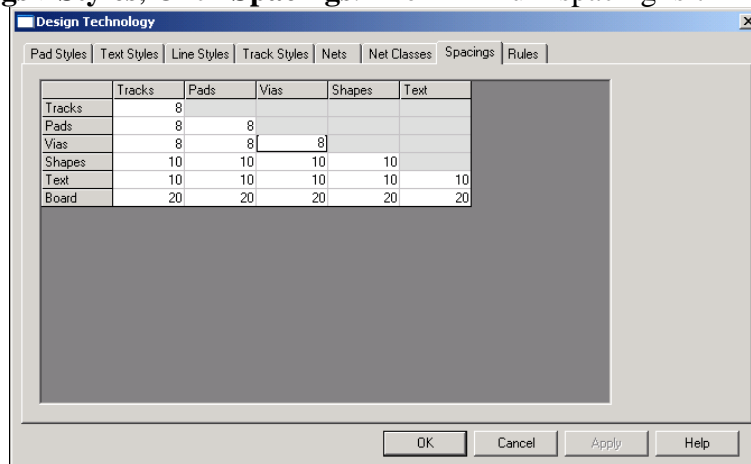
< Back Finish Cancel Help

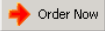
6. Check the settings

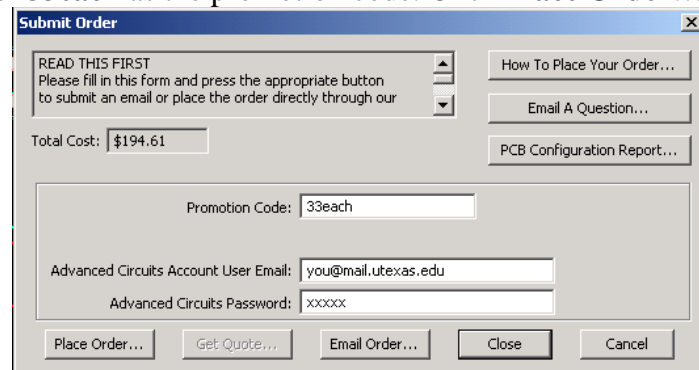
Execute **Settings->Styles**, Click **Track Styles**. **Power** tracks are 15 to 20 mils, and **Signal** tracks are 8 to 10 mil. Tracks carrying motor currents show be larger, e.g., 50 mil.




Execute **Settings->Styles**, Click **Spacings**. The minimum spacing is 7 mil.



7. When you think you are done, register at [www.4pcb.com](http://www.4pcb.com). From PCBArtist, click  and enter **33each** as the promotion code. Click **Place Order...**



## 8. Browse for your file and click **Upload FAB File**

**ADVANCED CIRCUITS**  
Join over 12,000 Engineering Customers and 1,100 Contract Assemblers

1-800-979-4PCB  
www.4PCB.com

Cancel - Return to My4PCB

### File Upload

Step 2 of 5

**File Upload**  
Uploaded files will be transmitted to Advanced Circuits when step 5 of the order process is complete.  
**Note:** There is only one FAB file allowed per order.

Part Number: Lab6Example2009

**Design File Upload**  
Your file D:EE345L ClassEE345L labLab6hLab6h\_artist.fab

Please BROWSE to select your FAB file then press Upload File to send.

This process can take from a few seconds to several minutes.  
Depending on the size of your file and speed of connection. Please be patient.

Approximate Upload Times			
Connection Speed	500KB	1MB	5MB
28.8K	3 min	6 min	30 min
56K	90 sec	3 min	15 min
128K	40 sec	80 sec	8 min
256K	20 sec	40 sec	4 min
512K	10 sec	20 sec	2 min
T1	5 sec	10 sec	1 min

Cancel - Return to My4PCB

You should see a price of \$33 without shipping. In this class, we will be buying the boards not you. You should get to the following screen and stop. Do not give them a credit card unless you want to spend \$49.06 (UPS ground shipping).

### Additional Order Details

Step 3 of 5

**Item Description**

Quote #	Part #	Revision #	Lead Time	Quantity	Unit Price	Board Subtotal
	Lab6Example2009	1	5-day(s)	1	\$33.00	\$33.00

[Click here](#) to review **board specifications**.

ZIP File Name:  ITAR: ☐ Yes ☒ No [What is ITAR?](#)

Use a unique filename for all designs. Avoid names like proto.zip

**Other Order Information**

Electrical Test: \$0.00

Tooling: \$0.00

5% Overage:

Shipping Account Number:

☐ (Save for Future Use)

Comments:  
STUDENT 33each-Student

Ship Method