



FreeDFM Quote Specifications

File Identification And General Information

It is very important that you identify your files accurately. The primary reason for delayed or undelivered results would be that our automated systems can not readily identify the contents of your zip file or that a key piece of fabrication or design information is missing.

[Click Here](#) to see a table of package extensions and naming conventions.

Design File Information

*** Please take a few moments to help us identify your files.**

File Name:	File Content:			
back1r0.gbl	Bottom Copper	<input type="button" value="v"/>		
drl1r0.drl	NC Drill	<input type="button" value="v"/>		
drlNP1r0.drl	Draw ing/Other	<input type="button" value="v"/>		
edge1r0.gbr	Draw ing/Other	<input type="button" value="v"/>		
fab1r0.pho	Draw ing/Other	<input type="button" value="v"/>		
fabNP1r0.pho	Draw ing/Other	<input type="button" value="v"/>		
front1r0.gtl	Top Copper	<input type="button" value="v"/>		
gnd1r0.gbr	Inner Copper	<input type="button" value="v"/>	Positive <input type="button" value="v"/>	2 <input type="button" value="v"/>
mback1r0.gbs	Bottom Soldermask	<input type="button" value="v"/>		
mfmt1r0.gts	Top Soldermask	<input type="button" value="v"/>		
pwr1r0.gbr	Inner Copper	<input type="button" value="v"/>	Positive <input type="button" value="v"/>	3 <input type="button" value="v"/>
readme.txt	Draw ing/Other	<input type="button" value="v"/>		
sback1r0.gbo	Bottom Silkscreen	<input type="button" value="v"/>		
sfmt1r0.gto	Top Silkscreen	<input type="button" value="v"/>		

In an effort to streamline the submission process for our FreeDFM service we have attempted to pre-identify the uploaded files using their file names. This is based on the standard naming conventions of most EDA software packages and may not always be correct. In addition to identifying any files that display "Select File Type" please confirm the proper identification of those files already identified by our system. Having all files correctly identified is critical to the proper processing thru FreeDFM and production; this will insure that you receive accurate FreeDFM results and that your board order will be fabricated correctly. As we are always striving for continuous improvement we would appreciate your feedback regarding files that were incorrectly identified or not identified (freedfm@4pcb.com).

Please enter your contact information below:

Company Name:	Western Michigan University	Phone:	6166136888
First Name:	Donovan	LastName:	Squires
Email 1:	donovan.l.squires@wmich.edu		

Please enter your quote specs and attributes below:

<u>Part#</u>	120222001	<u>Revision#</u>	1.0	<u>Layer Count</u>	4	<input type="button" value="v"/>		
<u>X Dimension</u>	4.75	<u>Y Dimension</u>	4.75	<u>Array</u>	<input type="checkbox"/>			
<u>Array X Dim</u>		<u>Array Y Dim</u>		<u>Array Up</u>				
<u>Tab-Rout?</u>	<input type="checkbox"/>	<u>Scoring?</u>	<input type="checkbox"/>					
<u>Material Type</u>	FR4		<input type="button" value="v"/>					
<u>Finish Thickness</u>	0.062"	<input type="button" value="v"/>	<u>Finish Plating</u>	Lead Free Solder	<input type="button" value="v"/>	<u>Gold Fingers</u>	None	<input type="button" value="v"/>
<u>Soldermask Sides</u>	Both Sides	<input type="button" value="v"/>	<u>Soldermask Color</u>	Green	<input type="button" value="v"/>	<u>Copper Wt. (Outer)</u>	1 oz	<input type="button" value="v"/>
<u>Silkscreen Sides</u>	Top Side	<input type="button" value="v"/>	<u>Silkscreen Color</u>	White	<input type="button" value="v"/>	<u>Copper Wt. (Inner)</u>	1 oz	<input type="button" value="v"/>
<u>Certifications & Qualifications:</u>	IPC Class 2	<input type="button" value="v"/>	(Pricing Subject To File Review)					
	<input type="checkbox"/> AS9100?							
<u>Vias:</u>	<u>Blind/Buried Vias?</u>	None	<input type="button" value="v"/>	<u>Via-In-Pad?</u>	None	<input type="button" value="v"/>		
<u>Microvias?</u>	None	<input type="button" value="v"/>	(Finished hole size <= .006")					
	<input type="checkbox"/> <u>Soldermask Plugged Vias?</u>							
<u>Additional Attributes:</u>	<input type="checkbox"/> <u>Controlled Dielectric?</u>							
	<input type="checkbox"/> <u>Controlled Impedance?</u>	(Pricing Subject To File Review)						
	<input type="checkbox"/> <u>Plated Slots?</u>							
	<input type="checkbox"/> <u>Plated Edges?</u>	(Pricing Subject To File Review)						
	<input type="checkbox"/> <u>Counterbores?</u>	# Plated		# Non-Plated				
	<input type="checkbox"/> <u>Countersinks?</u>	# Plated		# Non-Plated				
	<input type="checkbox"/> <u>Castellated Holes?</u>	Min. Castellated Hole Size						
<u>Quantities:</u>	5	10	50	150	<u>ITAR</u>	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
<u>Comments:</u>	/							

Submit