

Pre-Quote Product Summary

Please include a BOM in Excel format, Gerber data, and assembly drawing(s). If possible, please provide a 'golden' board.

SMCS guarantees product to be free of manufacturing defects in accordance with IPC-A-610 Class 2 visual standards.

Company:		Contact:	
Address:		Email:	
Website:		Phone:	
Product P/N:		Description:	
Revision:			
Target delivery date:			

1	Are you looking for consignment, turn-key, or both?	<input type="checkbox"/> Consignment	<input type="checkbox"/> Turn-key	<input type="checkbox"/> Both		
2	Is the PCB single or double-sided? Mark all that apply.	<input type="checkbox"/> Single-sided SMT	<input type="checkbox"/> Single-sided TH	<input type="checkbox"/> Box Build	<input type="checkbox"/> Other	
		<input type="checkbox"/> Double-sided SMT	<input type="checkbox"/> Double-sided TH	<input type="checkbox"/> Mechanical		
3	Build frequency? Quote quantities required.	<input type="checkbox"/> One time	<input type="checkbox"/> Weekly	<input type="checkbox"/> Monthly	<input type="checkbox"/> Annually	<input type="checkbox"/> Other
4	Materials Quantity?	<input type="checkbox"/> Full Reels (leaving excess)	• The customer is responsible for all excess material not used on the project.			
		<input type="checkbox"/> Mini-Reels (no excess)	• A signed agreement will be required to purchase excess material.			
5	What type of solder is required?	<input type="checkbox"/> SAC305 Lead free / no clean (SMCS standard)	<input type="checkbox"/> 63/37 Tin Lead / no clean	<input type="checkbox"/> Other		
6	RoHS compliance?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Notes:		
7	UL compliance?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Notes:		
8	Will your company be supplying the PCBs?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	(if no, Please provide requested information on page 2)		
9	De-panel?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Notes:		
10	Inspection requirements, other than IPC-A-610 Class 2?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Notes:		
11	Post-assembly test(s)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Notes:		
12	Requirements for BOM (Bill of Material)	BOM in Excel format (required information must be in separate columns)				
		<input type="checkbox"/> Quantities	<input type="checkbox"/> Reference designators	<input type="checkbox"/> Part type	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Manufacturer P/N
		<input type="checkbox"/> Descriptions (tolerance; size; voltage; etc.)	<input type="checkbox"/> DNL list	<input type="checkbox"/> Packaging		
13	Are alternates / crosses allowed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Passives only	(Please provide a list where specified parts must be used)	
14	Labeling / Marking: May we apply our internal kit# label?	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
	Do you have any labeling / marking requirements?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	(If yes, please provide instructions)		
15	Packaging requirements:					
		<input type="checkbox"/> Standard 12/24 sheet bubble wrap	<input type="checkbox"/> SMCS custom packaging (partition and individual bags)	<input type="checkbox"/> Customer specific packaging		
16	Shipping requirements:					
		<input type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> Local Delivery		
17	Special manufacturing requirements that deviate from, or are not covered by IPC-A-610 Class 2 visual standards?	<input type="checkbox"/> Yes	<input type="checkbox"/> No			

SMCS suggests that Client Bill of Materials (BOM) are not incorporated in with Gerber files, as an effort to protect Intellectual Property.

Questions, comments, or concerns:



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PCB Specifications (8 continued)

For any items left unanswered, the manufacturer's default will be presumed.

Gerber files (required) Blind vias Buried vias Micro vias

IPC-A-600 Class: 1 2 3

Requirements, other than IPC-A-600 Class 2 PCB acceptance criteria. If applicable, please provide documentation.

Do you have a specific panel layout? Yes No Minimum edge clearance: _____ (10mm is standard)

Panelization? V-score Mouse Bites Other: _____

Layer count: _____ Solder mask color: _____

PCB type: _____ (ae: rigid; flex; rigid-flex) Material: _____

PCB dimensions (including thickness): _____

Surface finish: _____ (e.g. HASL / Lead free HASL / ENIG [preferred])

Gold fingers? Yes No Impedance control? Yes No

Inner layer finished copper weight: _____ Outer layer finished copper weight: _____

Via copper thickness: _____

Minimum drill hole size: _____ Laser drill / HDI: _____

Additional PCB Information / Requirements