

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
	If both, please indicate applicable consigned categories to the right	<input type="checkbox"/> Passives	<input type="checkbox"/> Actives	<input type="checkbox"/> PCB <small>Please provide a list of consigned parts</small>
Notes:				

2	Is the PCB single or double-sided?	<input type="checkbox"/> Single-sided SMT	<input type="checkbox"/> Single through-hole	<input type="checkbox"/> Box Build	<input type="checkbox"/> Other
	Mark all that apply.	<input type="checkbox"/> Double-sided SMT	<input type="checkbox"/> Double through-hole	<input type="checkbox"/> Mechanical	

3	Shipment quantity	<input type="checkbox"/> One time	<input type="checkbox"/> Quarterly
	<small>If other frequency, please describe in questions / comments section</small>	<input type="checkbox"/> Monthly	<input type="checkbox"/> Annually

4	What type of solder is required?	<input type="checkbox"/> SMT	<input type="checkbox"/> SAC305 Lead free / no clean (standard)	<input type="checkbox"/> 63/37 Tin Lead / no clean
		<input type="checkbox"/> Through-hole	<input type="checkbox"/> SN100C Lead free / no clean (standard)	<input type="checkbox"/> Other

5	RoHS compliance?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Notes:
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6	UL compliance?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Notes:
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7	Minimum duration to retain production documents:	<input type="checkbox"/> Year(s)	SMCS default is one (1) year
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8	Inspection requirements other than IPC-A-610 Class 2?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Notes:
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9	De-panel?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Notes:
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10	Post-assembly test(s)?	Notes:		
	<input type="checkbox"/> Yes <input type="checkbox"/> No			

11	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

12	Are alternates / crosses allowed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Passives only <small>(Please provide a list where specified parts must be used)</small>
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13	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)

14	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	

15	Shipping requirements:			
	<input type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> Local Delivery	

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 Summary¹ (8 continued)

	Specification	Customer Requirement ²	SMCS Standard
1	Panelization / type ^{3,4} :		Yes / V-score
2	Edge surface finish ^{4,5} :		N/A
3	Minimum edge clearance:		0.39"
4	Finished board thickness ⁴ :		0.062" ± 10%
5	PCB base material:		FR-4 (Tg = 170°C)
6	Copper weight:		1 oz. finished, all layers
7	Surface finish:		ENIG
8	Soldermask / color:		LPI / Green
9	Silkscreen / color:		Epoxy ink / White
10	Nonstandard vias:		N/A
11	Impedance watching or control ⁶ :		No
12	Gold fingers:		N/A
13	Acceptability standard ⁷ :		IPC-A-600 Class 2
14	RoHS compliant:		Yes
15	Flammability rating:		UL94V-0

1. Gerber and drill data files are required. A Netlist file is recommended for data validation.
2. If Customer Requirements are left blank, SMCS Standards will be used.
3. Assemblies will ship in panelized form if de-panel is not specified in (9) of the Product Summary above.
4. For nonstandard fabrication requirements, please provide applicable technical documents (e.g. PCB layer stackup drawing).
5. Standard final edge smoothness will depend on the type of panelization that is used.
Smoothing of edges following de-panel is available upon request.
6. If impedance watching or control are required, please provide detailed specifications.
7. For PCB requirements outside of IPC-A-600 standards, please provide applicable drawings, documentation, and references.

Additional Notes / Requirements: