

# SMCS 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:	
Product P/N:		Phone:	
Revision:		Description:	
Target delivery date:			

	Are you looking for consignment, turn-key, or both?	<input type="checkbox"/>	Consignment	<input type="checkbox"/>	Turn-key	<input type="checkbox"/>	Both
1	If both, please indicate applicable consigned categories to the right	<input type="checkbox"/>	Passives	<input type="checkbox"/>	Actives	<input type="checkbox"/>	PCB
	Notes:						

2	Mark all that apply.	<input type="checkbox"/>	Single-sided SMT	<input type="checkbox"/>	Single through-hole	<input type="checkbox"/>	Box Build	<input type="checkbox"/>	Other
		<input type="checkbox"/>	Double-sided SMT	<input type="checkbox"/>	Double through-hole				
		<input type="checkbox"/>	Potting	<input type="checkbox"/>	Mechanical				

3	Shipment quantity	Order Qty	Quarterly Usage
	If other frequency, please describe in questions / comments section		Annually Usage

	First Article (FA) requirements	FA needed?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No	Number of units for FA?	<input type="text"/>
4	Description: <input type="text"/>							
	Select one:	<input type="checkbox"/>	Continuous FA run	<input type="checkbox"/>	Stop Production and await FA feedback			

5	RoHS compliance?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No	Notes:	
---	------------------	--------------------------	-----	--------------------------	----	--------	--

6	UL compliance?	Yes	No	Notes:
---	----------------	-----	----	--------

7	Minimum duration to retain production documents:	Year(s)	SMCS default is one (1) year
---	--	---------	------------------------------

8	Inspection requirements other than IPC-A-610 Class 2?		Yes		No	Notes:	
---	---	--	-----	--	----	--------	--

9	De-panel?	Yes	No	Notes:
---	-----------	-----	----	--------

10	Functional test required?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Hipot test?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	In circuit test?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, functional test equipment must be provided with schematics, troubleshooting guide, and estimated cycle times.									

11	Conformal Coating?	Yes	No	Notes:	
----	--------------------	-----	----	--------	--

12	Requirements for BOM		BOM in Excel format (required information must be in separate columns)			
	(Bill of Material)		Quantities	Reference designators	Manufacturer	Manufacturer P/N
			Descriptions (tolerance; size; voltage; etc.)	HEX files for programmable (when applicable)		

13	Are alternates / crosses allowed?	Yes	No	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:		
	Standard 12/24 sheet bubble wrap	SMCS custom packaging (partition and individual bags)	Customer specific packaging

16	Certificate of Conformance required	Yes	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:**

**SMCS Defaults -- SMT Solder:** SAC305 Lead Free (No Clean) • **TH Solder:** SN100C Lead Free (No Clean) • **Panelization:** V-Score • **Edge Surface Finish:** Smooth • **Minimum Edge Clearance:** 0.39" or Edge Rails • **Finished PCB Thickness:** 0.062" ±10% • **PCB Base Material:** FR-4 (Tg=170°C) • **Copper Weight:** 1oz. Finished, All Layers • **Surface Finish:** ENIG • **PCB Acceptability Standard:** IPC-A-600 Class 2 • **RoHS Compliant:** Yes • **PCB Flammability Rating:** UL94V-0

NOTE: Standard material and processes, including PCBs, will be used unless otherwise specified.