

STRATEGIC PROCUREMENT

BP01FO19E

Supplier Self-Assessment – Electronics

3. Contacts

	Management Board	Sales	Development
Name			
Phone			
Email			
Negotiation Language			
No. of Employees			
	Production	Quality	Logistics
Name			
Phone			
Email			
Negotiation Language			
No. of Employees			
Total Number of Employees			

4. Customer Audits

Customer	Audit Type (System / Process / Product)	Score (Percentage)	Rating

5. Capabilities

5.1 Which of these production processes are established?

THT Assembly and Lead-free Soldering	
Single-sided SMT Assembly and Lead-free Soldering	
Double-sided SMT Assembly and Lead-free Soldering	
Mixed Assembly THT and SMT	
BGA Assembly	
Selective Soldering	
Hand Soldering	
Grouting	
Functional Test	
In-Circuit Test (ICT)	
Flying Probe Test	
X-Ray Test	
Automated Optical Inspection (AOI)	
Burn-in Test (Passive Burn-in)	
Run-in (Active Burn-in)	
Electronics Final Assembly	
Mechanical Components Final Assembly	
Cable Assembly (Flat and Round Cables)	

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5.2 Which of these standards / processes are established?

Class 2; Dedicated Service Electronic Products IPC-A-610
Requirements + Acceptance for Cable and Wire Harness Assemblies IPC/WHMA-A-620
Rework, Modification and Repair of Electronic Assemblies IPC-7711/21
Introduced and established „Copy Exact Process“
Continuous ESD protection through all manufacturing steps including stock receipt, assembly, inspection, storage, shipment and repair
Demand driven procurement
Online access to stock list
Production of Products that complies with RoHS Directive
Knowledge of JIG 101B and JIG 201

5.3 What are your core competences?

5.4 How do you evaluate and rate corporate operational risks
(e. g. production equipment failure through natural disaster, fire etc.?)

5.5 How does your company evaluate and rate corporate organisational risks (e. g. shortage or inadequate distribution of staff, unavailability of specific skills, process disruptions due to organizational deficiencies)?

5.6 How does your company evaluate and rate corporate financial risks?

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5.7 How does your company evaluate and rate supply risks / supply bottleneck risk towards your customers (including geopolitical risks)?

5.8 What actions are in place to minimize the above mentioned risks?

6. Quality and Environmental Management

6.1 Does your company have a quality and environmental management system?

<p>Yes</p> <p>Which one?</p> <p style="padding-left: 20px;">ISO 9001:20XX</p> <p style="padding-left: 20px;">ISO/TS 16949:20XX</p> <p style="padding-left: 20px;">ISO 14001:20XX</p> <p style="padding-left: 20px;">OHSAS 18001:20XX</p> <p style="padding-left: 20px;">Others</p> <p style="padding-left: 20px;">Which one/s?</p>	<p>No</p> <p>Do you plan any certification?</p> <p style="padding-left: 20px;">No</p> <p style="padding-left: 20px;">Yes</p> <p style="padding-left: 20px;">Which one/s?</p> <p style="padding-left: 20px;">When?</p> <p style="padding-left: 20px;">Are all processes that are pertinent to your customers described and implemented throughout your company?</p> <p style="padding-left: 20px;">No</p> <p style="padding-left: 20px;">Yes</p> <p style="padding-left: 20px;">Which one/s?</p>
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6.2	Have you installed a Continuous Improvement Process (CIP)?	Yes	No
6.3	Do you apply statistical process control (SPC) in your production?	Yes	No
6.4	Do you perform process FMEA?	Yes	No
6.5	Have you defined and implemented a process to manage and control non-conforming products?	Yes	No
6.6	Do you calibrate your test equipment and do you monitor this regularly?	Yes	No
6.7	Can you perform first article inspections (FAIs)?	Yes	No
6.8	Do you record and archive test results (if and when required) to ensure evidentiary documentation?	Yes	No
6.9	Do you mark non-conforming parts and control them as required, e. g. through separate storage?	Yes	No

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7. Procurement / Logistics

7.1	Do you select your suppliers based on clearly defined processes and transparent criteria?	Yes	No
7.2	Do you include quality and environmental management requirements in your orders to your suppliers?	Yes	No
7.3	Do you do initial calculation for country of origin for your goods?	Yes	No
7.4	Do you deliver goods with confirmation of preferential origin?	Yes	No
7.5	How do you confirm preferential origin of goods?	Yes	No
	<ul style="list-style-type: none"> • Declaration of country of origin (COO) directly on the invoice as “Authorized exporter” with unlimited value • Declaration of country of origin directly on the invoice with limited value as “not authorized exporter” • Movement certificate (EUR1) • Any other certification to declare country of origin such as (form A, ATR . . .) 	Yes	No
7.6	Do you apply logistics concepts such as Kanban, JIT, or such when working with your customers and/or suppliers?	Yes	No
7.7	Do you have special work instructions for handling delicate products?	Yes	No
7.8	Do you measure, evaluate and communicate supplier performance (delivery On Time/In Full (OTIF), Supplier Score Card)?	Yes	No
7.9	What is your typical/preferred batch size?		

8. Production Process

8.1	Are production processes monitored and continuously improved in a suitable manner?	Yes	No
8.2	Are identified deviations and customer complaints analyzed, and are corrective measures defined and implemented?	Yes	No
8.3	Are production processes / technologies subject to capability checks and qualification?	Yes	No
8.4	Have you implemented processes for the marking and traceability of your products?	Yes	No
8.5	Are you processing carbon steel and/or nonferrous metal, particularly copper or copper alloys?	Yes	No
8.6	Are you processing different materials with same tools and/or machines?	Yes	No
8.7	Are there actions in place to avoid any cross-contamination (even particles e. g. with tools or liquid media) by carbon steel and/or nonferrous material?	Yes	No
8.8	Are all required tests, checks and inspections planned and performed (incoming goods, production, shipping)?	Yes	No
8.9	Do you perform first article/last article tests as well as tests during the production process?	Yes	No
8.10	Have you installed preventive maintenance for your equipment, machines and plants?	Yes	No

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9. Engineering

9.1	Number of engineers:		
9.2	Which CAD system do you use? Type:		
	Version:		
9.3	Which EDA system do you use? Type:		
	Version:		
9.4	Do you have in-house development activities/facilities?	Yes	No
9.5	Are prototypes designed and assembled in house?	Yes	No
9.6	Is test equipment designed and assembled in house?	Yes	No

Please return the duly completed questionnaire by email to: beschaffung@vat.ch

To be completed by VAT:

	Rating			Date	Name	Signature
	Suitable	Conditionally suitable	Not suitable			
Category Management						
SQE						
Process Specialist						
Optional						
Remarks:						