
	STRATUS AUTOMATION SDN BHD	DOC. NO.	SA-SOP-036
		REV. NO.	00
	Procurement Spec: PCBA	EFF. DATE	10/12/2024
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AUTHORIZATION

Prepared by	Reviewed by	Approved by
Name: Lau Siew Fui	Name: KT Mar	Name: Azahar Bin Mat Elias
Role: SC Biz Ops Manager	Role: Sr. QA Manager	Role: Deputy Director: Operations

DOCUMENT STATUS		
<div style="border: 2px solid red; padding: 5px; text-align: center;"> STRATUS AUTOMATION SDN. BHD. MASTER COPY </div>		
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Approval date : 11-DEC-2024

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1.0 Purpose

- 1.1 This procurement spec outlines the project's scope, objectives, deliverables, timelines, responsibilities, and other essential details that serve as an agreement between Stratus Automation (SA) and the PCB assembly service provider (refer to 'Supplier' hereinafter).

2.0 Scope


- 2.1 This procedure covers the agreement between PCB assembly (PCBA) service provider and Stratus Automation; supplement to Supplier Quality Manual (SA-SOP-032)

3.0 Definition

- 3.1 PCB: Printed Circuit Board
- 3.2 PCBA: Printed Circuit Board Assembly
- 3.3 ECN: Engineering Change Notice
- 3.4 SCAR: Supplier Corrective Action Report
- 3.5 SLA: Service Level Agreement


4.0 General Requirement

- 4.1 Performance Scorecard - Stratus and Supplier shall agree on a Supplier Scorecard outlining performance score as part of the implementation phase of this agreement. Supplier shall maintain, at a minimum, successful performance against this scorecard throughout the term of this agreement. If Supplier scores less than successful performance for any given quarter, Supplier shall submit a formal corrective action plan for Stratus's approval. Once approved by Stratus, Supplier shall provide progress reports on this formal corrective action plan. Failure to meet the deliverables from the formal corrective action plan or failure of Supplier to achieve less than satisfactory scores on the Supplier Scorecard for two consecutive quarters in a rolling 12 months period will trigger formal Supplier Quality Improvement Plan. Failure of Supplier to fulfill Supplier Quality Improvement Plan could result in termination of this agreement.
- 4.2 Stratus's NPI Qualification – Supplier shall be subjected to Stratus NPI Qualification (Refer to Appendix 01) and pass the qualification prior to commencement of any services outlined in this Statement of Work. Stratus shall conduct any such Qualification check or Quality Audit from time to time to ensure complete conformance in key areas including but not limited to supplier process, work instruction, equipment set up, personnel qualification and document control. Supplier shall provide and implement corrective action plan to effectively address any non-conformance area within an agreed period of time. Failure of Supplier meeting such requirements could render suspension of Supplier services.
- 4.3 Facility - Supplier may, as deemed necessary by Supplier and pre-approved by Stratus in writing (e.g. Change Notice), move any facility from one location to another or split into more locations during the term of this agreement. Any such move or split shall result in no impact to Stratus. Supplier shall be liable for any damage to Stratus owned assets that result from such facility move or split. Supplier will be subjected to Stratus NPI Qualification as deemed necessary.
- 4.4 Regulatory Compliance - Supplier shall be certified to ISO9001/ 2015 standards for all areas providing work under this Statement of Work. Stratus waiver is required if supplier is unable to provide ISO certification. Supplier is also required to comply with the latest relevant regulatory compliance in product assembling and shipping (i.e: ROHS3 & REACH).
- 4.5 Data System - Supplier shall have data systems which are capable of handling and keep 100% accurate record of all transactions (i.e. receipts & inventory transactions) and the records shall be made available

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to Stratus as part of the regular reporting or for audit. The systems shall be able to handle the following activities (but not limited to): Order Management, Shop Floor Control, and Inventory Control.

- 4.6 Billing and Invoicing - Supplier shall provide all completed shipped transactions provided during the given month and shall provide Stratus with adequate justification for all charges contained in the invoice.
- 4.7 Intellectual Property - It is understood that the materials and guidance provided by Stratus to Supplier may contain confidential and proprietary information of Stratus as specified in the Stratus Non-Disclosure Agreement (signed between Stratus and Supplier prior to purchasing agreement). The performance of the Services by Supplier may involve the use of confidential and proprietary information by Supplier. This Agreement shall not effectuate the transfer of any intellectual property rights of Stratus to Supplier. Likewise, this Agreement shall not effectuate the transfer of any developments or other intellectual property rights of Supplier to Stratus. All Stratus intellectual property provided by Stratus for the services outlined by this SOW.
- 4.8 Assembly Through-Put-Time (TPT) - Supplier performance will be measured based on assembly TPT of (20days/ 4 weeks) calendar days will start from receipt of unit to be processed at supplier assembler facility to dock at Stratus or based on Stratus supply and demand planning model.
- 4.9 NPI and Mass Production Yield – [NPI]: Supplier shall ensure that the overall SMT yield exceeding 90% and End-to-end yield exceeding 85%. [Mass Production] (For lot size >50pcs): Supplier shall ensure that the overall SMT yield exceeding 95% and End-to-end yield exceeding 90%. Suppliers consistently failing to meet the above may be subjected to crediting Stratus the standard product replacement cost. (Note: SMT yield refers to component level post pick & place/ reflow; End-to-End yield also known as 1st pass yield refers to yield at final point)
- 4.10 Point of Contact (POC) - Both Stratus and Supplier shall provide a POC; whose duties shall include, but not limited to, maintaining day-to-day contact between Stratus and Supplier, responding to performance plans, reviewing reports for accuracy, ensuring that Stratus’s request for changes are reviewed and processed in a timely fashion, and escalating performance issue. The Supplier is expected to have one main management point of contact.
- 4.11 Escalation Process - Stratus and Supplier shall provide a problem escalation path with contact names for each site. Stratus and Supplier shall provide key contacts lists of individuals supporting Stratus from a functional perspective. All escalation and key contact lists should be updated whenever changes are required.
- 4.12 Crisis Management - In the event of a crisis, the Supplier may be expected to hold extended hours possibly including coverage during weekends and holidays to ensure business continuity.
- 4.13 Transportation - For shipments to Stratus, the Supplier will use their own logistic service at own expenses.
- 4.14 Packaging - All shipments must be packed properly to prevent any damage during handling and shipping and must be compliant with Electrostatic Discharge (ESD) packaging and handling guidelines. Further, ESD procedures must be adhered to when handling electronic parts (e.g. PCBA etc.).
- 4.15 Moisture Sensitive Component handling – Supplier shall ensure all Moisture Sensitive Devices (MSD) are handled according to J-STD-033 guideline. Supplier shall have the facility and system to track the exposure limit and resealing/dry box storage for exposure control. For any parts that exceeded floor life limit, any re-baking decision needs to be discussed with Stratus before action is taken.

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5.0 Business Review

Stratus and Supplier shall mutually agree on dates and times to perform routine business reviews as follows:

- 5.1 Executive Review Meeting (annually) – Strategic meeting to ensure alignment to long-term direction. Attendance: Executive Sponsor, Account Manager, Geography/Regional Manager(s), Stratus Outsource Manager, and POC from Stratus and Supplier.
- 5.2 Quarterly Business Reviews (monthly or quarterly) – Standardized regular review process of indicators/issues: highlights/lowlights, issues, plans. Attendance: Stratus and Supplier POC, Supplier Executive Sponsor, Stratus Sr. Management sponsor, Stratus Outsource Manager, program stakeholders as agreed to by both parties.
- 5.3 Site Operations (Daily-weekly) – Tactical meeting focusing on prior week's operational results and this week's areas of emphasis. Attendance: Stratus and Supplier POC, Stratus functional owners as appropriate, and Supplier operations management.
- 5.4 Ad hoc (as needed) – Tactical meeting focusing on specific issues. Can be initiated by either Stratus or Supplier


6.0 Scope of Work:

- 6.1 Description of Services: Supplier shall provide Stratus PCBA service. This service requires Supplier to deliver PCBA product for assembly, rework and shipping for various part numbers/ models.


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6.2 Roles and Responsibilities:

Service Item	Coverage	Comments
Surface Mount Technology (SMT) process line	Stratus/ Supplier	<p>Suppliers must equip with Industrial standard equipment's that are required for SMT process, and the equipment must be capable to support new technology or environmental requirement. This includes all rework capabilities.</p> <p>Where applicable, supplier will be responsible for acquiring, maintaining, and the proper of Stratus tooling. Stratus provides: BOM, Gerber, XY data, 3D file or sample PCBA, Wave Pallet, 650mm*550mm" Stencil, 5DX pallet, all consignment materials. Supplier provides: Flux free SMT process, ESD packing & labelling per Stratus requirement (refer to Appendix 02), traceability</p> <ul style="list-style-type: none"> • FAI/ NPI (report out) (refer to Appendix 01) • There might be NRE cost incurred based on Stratus/ Supplier agreement.
BOM	Stratus	Supplier must build products in compliance to the manufacturing BOM. Re-use/ Re-cycle of material is not allowed unless written approval is obtained from Stratus.
Visual Inspection	Supplier	<p>Supplier shall inspect the material scheduled to the rework floor against the latest IPC-A-610 (Class2) criteria. Supplier shall also identify Customer Induced Damage (CID) at Visual Inspection and determine whether this CID material is reworkable or non-reworkable per criteria provided by Stratus. For reject criteria not addressed in IPC-A-610, Supplier is responsible to obtain a written decision from Stratus.</p> <p>All visual inspection activities need to be performed under appropriate magnification as defined in IPC-A-610 (Class2) standards.</p>
Screening	Supplier	From time to time, Supplier may be asked to perform screening activities for certain products. These screening activities are situational and may require as little as a quick visual inspection

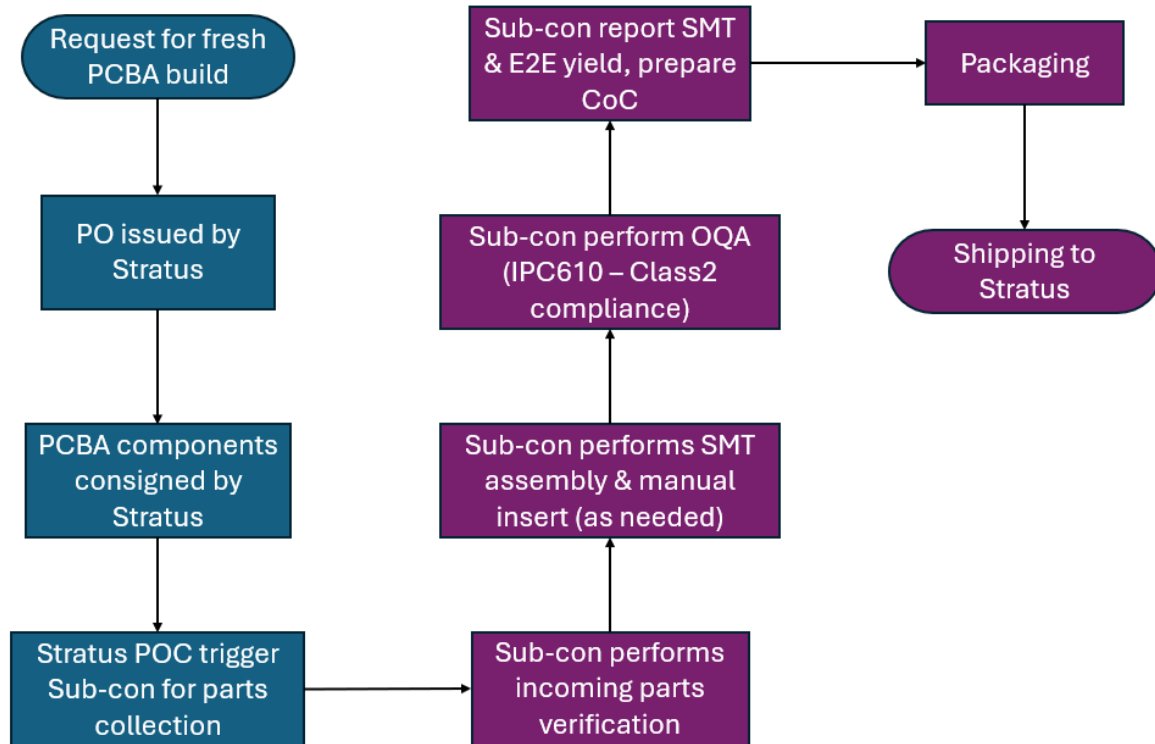
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Technical Rework	Supplier	<p>Supplier shall have a separate technical rework function that is dedicated to replacing parts. These rework personnel shall be capable of replacing discrete surface mount components, through hole components, fine pitch surface mount components, multi-pin connectors and BGA devices.</p> <p>All product undergoing technical rework material must be visually inspected per IPC-A-610 (Class2): Acceptability of Electronic Assemblies - This standard defines the acceptability criteria for electronic assemblies, including soldering, component placement, and other workmanship criteria) prior to shipping products. Where required, supplier's facility must have the capability to rework lead-free products only.</p>
Rework materials and components	Supplier	Supplier must only use approved parts on the BOM (Bills of Materials) for the rework of product.
ECN (Eng Change Notice)	Supplier	<p>Supplier shall upgrade all material to latest revision possible If material requires upgrade when the products are scheduled to upgrade/ rework, Supplier shall perform ECN rework on the material put through the SMT flow to upgrade the material to the latest revision level of the product.</p> <p>This upgrade can include, but is not limited to, re-labeling, discrete surface mount component replacement, through hole component replacement, fine pitch surface mount component replacement, replacement, and connector replacement.</p> <p>The supplier's data system must equip with capability to identify products requiring ECN & traceability of the products upgraded/ reworked with ECN.</p>
Quality Inspection/ OQA (Outgoing Quality Assurance)	Supplier	<p>Supplier shall have adequate quality inspection(s) in place to assure that the material leaving the rework line and/ or restocking the fulfillment warehouse meets or exceeds the quality requirements of Stratus. All Quality inspection must be performed under appropriate magnification.</p> <p><u>Supplier must ensure that the products are defect free when shipping out of the plant.</u> Supplier is expected to demonstrate the effort in quality continuous improvement. Supplier will be required to revise the quality goal to show the improvement.</p> <p>Supplier shall perform Visual OQA on 100% of the material processed and provide CoC for every shipment.</p>
Product Labeling	Supplier	Supplier shall have the capability to print revision labels. Supplier shall follow the requirements of Stratus for every single print of label. Detail refers to clause 6.3.16
Return/ Rework Authorization Number	Stratus	Stratus shall submit requests for rework/ return authorization numbers to the contact points provided by supplier, using template provided by supplier. Supplier shall respond with return authorization number (for valid request) or explanation (for invalid request) within 24 hours.

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6.3 PCBA Services

6.3.1 PCBA Process - Supplier will follow Stratus approved process flows for all types of products. Any deviation to the process steps defined in this SOW shall be approved, in writing, by Stratus. Recommended process flow below outlines the high-level process flow which includes, but not limited to the main and additional process steps. All material scheduled must go through the main process. The additional process is required depending on product or customers' requirement and will be outlined by Stratus.




6.3.2 Flexibility - Supplier shall provide adequate capacity to accommodate weekly and seasonal fluctuations in demand due to a variety of market conditions and business needs. Supplier agrees to have adequately skilled resources available to fully meet the requirement based on mutually agreed timeline. Supplier shall demonstrate that they can manage this variability.


6.3.3 Process Control - Supplier shall document and maintain rework control processes on Stratus product and show how these controls are meeting Stratus's quality requirements. Supplier shall have an adequate training and operator certification program for direct and indirect labor to assure overall compliance to the Supplier's process controls, technical skill sets, and to assure that all requirements set forth in this Statement of Work will be met or exceeded. Supplier will ensure that the facility (workstation, material handling & personal) complies with ESD requirement. Supplier must ensure that appropriate handling of moisture sensitive components and adhere to JEDEC standard. Proper controls must be in place such as (but not limited to) Vacuum sealing, use of moisture barrier bag, desiccant, dry cabinet, traceability of exposure time. (subject to sub-con capability). Supplier must ensure that appropriate calibration and preventive maintenance are done on all required equipment (including consigned equipment if any). Supplier is required to prepare sufficient spares to prevent lines down. Supplier's facility must meet & be controlled within the required environment condition of temperature: **23°C +/- 5 °C & RH: 40% to 60%**

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- 6.3.4 Raw Material Shortages - On Stratus supplied products (consigned material), Supplier shall have a system and provide reports to notify Stratus of a shortage so that Supplier can escalate the issue back to the appropriate Stratus contact (buyer) for resolution. Upon notification, the product shortages will be handled by the appropriate Stratus POC.
- 6.3.5 Consigned Material - In general, this material will be Stratus manufactured components. Inventory ownership for consigned parts or product will remain Stratus's, but the Supplier shall receive, import/export as necessary, control, logistic, count, stage, store, and accurately account for the material throughout the Supplier's process. Stratus will provide administrative support to complete the material transfer transactions. Some material consigned to Supplier may be of High Value Inventory (e.g. microcontroller, motor driver IC). Special security and accounting measures will be required at the Supplier's receiving area, staging area, and production line, so that every components is accounted for and protected from theft or loss. Supplier is required to manage and track all movement of products from receipt through shipment or disposition as outlined in this agreement. Additionally, Supplier is required to physically segregate Stratus owned consigned material from all other inventory. Supplier shall assume full responsibility for all consigned inventory, prevent any theft/ loss at Supplier's location.
- 6.3.6 Final Product Quality - Supplier will use the IPC-A-610 (Class2) (latest rev) for incoming and final product quality control inspection. Supplier shall be responsible for translating the Standards to the local language, if applicable. Supplier shall be responsible for finished product quality, and maintaining assurance levels that meet or exceed Stratus's requirements. The Supplier shall perform quality control and data collection that assure products are meeting Stratus's standards and requirements. Supplier shall perform 100% OQA to ensure that the Quality Performance Metrics are met or exceeded. The final inspection or screening processes shall prevent no escapes of quality related issues to Stratus. Supplier is also expected to perform continuous improvement as needed. In event of any quality escapee to Stratus, Supplier shall work on rapid 100% containment plans, and root cause corrective actions within mutually agreed lead time (minor- 1 week, major - 48 hours). Supplier shall formally respond to Stratus in in the form CAR format. For major delinquency, a response in full 8D format may be requested from supplier when necessary. Supplier shall bear the cost of re-screening or re-reworking any product that escapes to Stratus.
- 6.3.7 Change Management - Stratus will notify Supplier of the ECN that affect products in Supplier's stock and/ or WIP. Arrangements will be made for Supplier to return/ replace/ rework or otherwise dispose of the product that is affected. Supplier agrees to immediately quarantine all affected product upon notification by the responsible Stratus contact. Supplier must have capability to conduct reworks or upgrades to the affected products upon Stratus's notification, and such reworks or upgrades must meet IPC standard (i.e. Workmanship Standards (IPC 7711/ 7721) & Acceptance Standard IPC-A-610 (Class2))
- 6.3.7.1 Engineering Change Note (ECN) - Stratus shall inform Supplier of all service ECN implementation activities. Supplier shall maintain records of all historical ECNs.
- 6.3.7.2 Standard Mandatory ECN Requirements- All products reworked by Supplier shall be upgraded to the latest applicable ECN revision that is implemented for safety, quality & product functionality improvements as deemed necessary by Stratus's R&D group.
- 6.3.7.3 Excursion-related Mandatory ECN Requirements - In the case of a mandatory ECN/ upgrade resulting from a quality or safety excursion, supplier shall be required to refresh entire service inventory pipeline including all inventories at Supplier Warehouses (If applicable) to the required revision. The refresh timeline shall be negotiated between Stratus and Supplier via excursion management process. If excursion is determined to be caused by Supplier's issues, inventory refresh shall be at Supplier cost. The Supplier shall have the following items to manage ECN's based on documentation provided by Stratus:
- 6.3.7.4 Document & Rework Instructions - Supplier shall maintain a process to manage ECN based on notification provided by Stratus. The ECN process will be tracked from ECN initiation through the implementation of the ECN. ECN implementation date will be tracked and reported back to Stratus. ECN will be reviewed and approved by Supplier's document control personnel prior to implementation.

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- 6.3.7.5 Controls - Supplier shall have a method in place to hold shipment of any material (raw material, finished goods) and to differentiate from current level to shippable level.
- 6.3.7.6 Execution - Supplier shall have a system to display the rework instructions. Rework personal must be trained on affected ECN.
- 6.3.7.7 Validation - Supplier will have a systematic method for validating ECN. This validation must be implemented within specific timeframe as defined by Stratus. ECN will be validated against Progressive Rework Requirements document & IPC-A-610 (Class2) (latest rev)
- 6.3.8 Training & certification - Supplier shall have the following training and certification programs in place:
- 6.3.8.1 Supplier shall have operator training and certification process in place for quality inspectors and equipment operators.
- 6.3.8.2 Supplier shall maintain training and certification records throughout the term of this agreement.
- 6.3.8.3 Should this agreement be terminated, Supplier shall provide these records to Stratus in the event when Stratus's customer requires a review of the records after the term of this agreement expires.
- 6.3.9 Quality organization structure - Supplier shall have quality organizational structure that: Assures that Suppliers Quality and Production operational management are separated. Supplier shall be capable of providing a resource that can perform analysis of the Statistical Process Control data generated by Supplier's system. Supplier shall assign a dedicated quality engineer to support Stratus's requirements.
- 6.3.10 Product Acceptance - Suppliers Quality Inspection system may include, but is not limited to, inline quality inspection, outgoing quality assurance (OQA) and/ or process inspections whereby each employee is responsible for their own quality. Stratus may require Supplier to provide quality inspections evidence. These inspections may be done on a sample basis.
- 6.3.10.1 The Supplier will define the assembly process flow, change management process, corrective action response process and sustaining quality data requirements whichever is applicable. This information should be made available to Stratus upon request. Supplier will perform, at their cost, all containment and corrective actions required to ensure reworked product meets quality requirements. Supplier must meet rework TPT (throughput time) goals in the recovery of rejected product.
- 6.3.11 Process changes - All process changes that result from Statistical Process Controls, corrective actions, cost reduction initiatives and process improvements shall be approved by the designated Stratus representative in advance of implementing such process changes. Stratus and Supplier shall mutually agree on set yield targets.
- 6.3.12 Order management system - The order management activities include order taking, scheduling, and order closure. The order taking shall include part number and revision.
- 6.3.13 Shop Floor Control System - Supplier's Shop floor Control System shall have the following capabilities:
- Flexibility and effective to support different processed routing for different products or customer requirement.
 - Material tracking of work in progress
 - Defect code capture which includes detailed failure mode and defect location
 - Integration with multiple rework instructions for mixed product WIP, which tied to change management system
 - Part in – Part out tracking (know what ECN's to apply)
 - Capture of replacement parts
 - Capture Rework operations
 - Statistical Sampling Capability

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- Process Loop Control Capability
- Determine final product disposition (CID, NDF...)
- Packing based on product, customer and return location
- Maintain adequate level of manufacturing traceability to identify affected batch of materials due to defective components or manufacturing discrepancy for containment and segregation purpose.
- Traceability of post reworked products up-to operator, detail rework activity, component replacements, activity dates, shipment details, etc.

6.3.14 New Product Introduction - Supplier must have the right qualified resource that meeting the industry requirement to ensure, rework capability is ready on time for all new products. This includes early preparation of supplier's capability to meet the new industrial process such as halogen free or any other environmental or technology requirement. Supplier must have the right resource to ensure the production floor is meeting Stratus requirement.

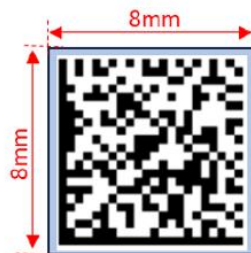
6.3.15 Reporting Requirements – Supplier shall provide quantity of balance components, yield report, CoC (certificate of conformance) at mutually agreed intervals.

6.3.16 Labeling Requirements - All parts from Supplier shall be labeled in accordance with the following requirements - where manufactured, Product P/N, Date code, Running no. (according to SA-WI-229)

6.3.16.1 Every product must be upgraded per mandatory ECN (engineering change notice) requirements and labeled to the latest version.

6.3.16.2 The label requirements (size, text & location) are specified in each individual product BOM.

7.1 PCBA 2D barcode size design



Label size: 8mm X 8mm
Label type: ESD High temp polyimide

7.1.1 2D Barcode PCBA Label content:


Barcode type: Data Matrix

Example of 2D barcode label:

PCBA-CVD3100-6D-SA03_AM46230001

6.3.16.3 SA-WI-229 PCBA label content:

- 2D barcode label comprises of: PCBA P/N or model name_AABBCCxxxx_yyyy
- PCBA P/N or model name: PCBA-CVD3100-6D-SA03
- AA: Supplier code (ST for Stratus)
- BB: workweek (e.g. 46 for ww46)
- CC Year (e.g. 23 for 2023)

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- xxxx & yyyy Supplier running number and lot info

6.3.17 Non-Compliance to Service Level Agreement (SLA) - If supplier is unable to perform to the agreed Rework SLA in this agreement, Supplier will provide a Root Cause/ Corrective Action Plan (CAR) including a recovery schedule.

6.3.18 Packaging - All products by Supplier shall be packaged in adherence to Stratus Packaging requirement, and barcode label with quantity, Stratus part number and serial number on the outer packaging. Supplier must ensure the products are packed in ESD bags, sealed with ESD tape. When shipping out to Stratus, Supplier must segregate the products by PO number within the same box. No mixing of multiple part# within the same carton box.

6.3.18.1 Carton label requirements:


- For fresh lot: Include P/N, PO#, Qty
- For rework lot: Dedicated labeling required for RMA return to Stratus (include case#, S/N & P/N for each PCBA)

7.0 Reference Documents

- | | |
|----------------|--|
| 7.1 SA-SOP-011 | Vendor Selection and Monitoring |
| 7.2 SA-SOP-012 | Purchasing Process |
| 7.3 SA-SOP-018 | Nonconformity, corrective action and continue improvement. |
| 7.4 SA-SOP-032 | Supplier Quality Manual |

8.0 Reference Records

- 8.1 NA

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Appendix 01 - PCBA Suppliers Qualification: NPI and Mass Production Document Required:

Documents required for NPI Qualification:


1. SMT BOM List Specification Create by Supplier
2. Summary Yield Report Engineering build
 - a. Visual Inspection Record sheet
 - b. Outgoing QA report
 - c. Solder Paste Thickness Inspection (Control Chart)
 - d. Reflow profile (TMR profile data)
3. Control Plan
4. Process flow chart
5. Work Instruction:
 - a. Packing method
 - b. Final Visual Inspection (AOI)
 - c. MI Assembly for all component locations
 - d. PCBA De-paneling
 - e. SMT Component location (Top/Bottom)

Documents required for Mass Production:

1. CoC
2. Yield report
3. Inspection & OQA Report
4. (and additional reports to substantiate abnormality observed)

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REVISION CHANGE HISTORY				
REV NO.	DCN NO.	DESCRIPTION OF CHANGE	AUTHOR	EFFECTIVE DATE
00	DCN-2024-196	Initial Release	Siew Fui / KT Mar	18 Dec 2024

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DISTRIBUTION RECORDS

Department
Sales & Project Management
Human Resources
Finance
QA
Purchasing
Store_Warehouse
Production
Process Engineering
Equipment & Machining
Planning
Installation & Services (In&S)
RnD
Application (Mechanical)
Application Control (EE)



Approvals

Report • Printed on December 16, 2024

Approved

Please approve: SA-SOP-036 Procurement_Spec_PCBA_00

The item 'SA-SOP-036 Procurement_Spec_PCBA_00' is submitted for approval by .

The message with the request:

Please help to approve.

Reminder set to 1 day.

Please review, and then approve or reject the request.

▼ Attachments



SA-SOP-036 Procurement_Spe

<https://stratusautomation.sharepoint>

▼ Final status: Approved



Approved by
Azahar Bin Mat Elias

11-Dec-24 9:48:59 AM



Approved by
Lau Siew Fui

11-Dec-24 9:03:37 AM



Approved by
Mar Kheng Tat
Approve

10-Dec-24 1:52:54 PM



Requested by
Anis Khairunnisa Binti Hasan

10-Dec-24 11:22:12 AM