

Attachment A

Additional Quality Flow-down Provisions

1. C of C and Raw Material Certifications

In addition to the standard Certification of Conformance, the supplier shall provide all material certifications including chemical and physical test results, mil-certifications / MIL P/N, and special process certifications with delivery.

2. FOD Prevention

The Supplier shall establish and maintain an effective Foreign Object Damage/Debris (FOD) Prevention Program in accordance with NAS412 to reduce/prevent FOD. Supplier shall inspect product prior to shipment for FOD. Material is to be packaged and shipped in a manner such that it prevents FOD from contaminating the product. This shall be flowed down to all sub-tier suppliers as applicable.

3. Counterfeit Material Avoidance

The Supplier shall supply material directly from OEMs or OCMs or from Authorized Distributors of OEMs or OCMs. The Supplier is not authorized to deliver any items procured from sources other than OEMs or OCMs, or their Authorized Distributors without prior written authorization. Supplier shall utilize SAE AS5533 as a guideline to prevent counterfeit parts. This shall be flowed down to all sub-tier suppliers as applicable.

4. Prohibition of Pure Tin

The use of pure tin-plated finishes is strictly PROHIBITED. Any tin plating or solder processes shall contain **no less than** 3 percent lead composition. This shall be flowed down to all sub-tier suppliers as applicable.

5. Prohibition of Mercury

All materials delivered against this order shall not contain, and shall not have come in contact with, the element Mercury or Mercury compounds known to be chemically or thermally unstable. This shall be flowed down to all sub-tier suppliers as applicable.

6. Conflict Mineral Policy

Supplier and its sub-tier Supplier shall use commercially reasonable efforts to identify whether any material on this PO contains Tantalum, Tin, Tungsten or Gold and conduct a reasonable country of origin inquiry regarding the origin of such minerals in the material to determine whether such minerals (or the smelter of such minerals) originated in covered countries, as defined in section 1502 of the Dodd-Frank wall street reform and Consumer Protection Act. Supplier shall provide FEC with reasonable documentation of its due diligence efforts when requested by FEC to enable disclosure to The Securities and Exchange Commission.

7. Silver Plated Copper Corrosion “Red Plague”

Suppliers should take all steps necessary to prevent and detect the formation of corrosion (Red Plague) on wires per SAE ARP6400. This shall be flowed down to all sub-tier suppliers as applicable.

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8. Special Processes

Special Processes include **Plating, Surface Finishes/Conditioning, Hardware Painting, Heat Treat, Non-Destructive Testing, Welding/Brazing, and Soldering**. Supplier and any sub-tier supplier that performs **Plating, Surface Finishes/Conditioning** must be approved by NADCAP for the process to be performed. Supplier shall provide FEC with proof of NADCAP approval. Piece parts, components and/or assemblies that are manufactured in accordance with a Military, Federal or Commercial Specification or Commercial Off-The-Shelf (COTS) Part Numbers are exempt from this NADCAP approval requirement. Otherwise, **including all other special processes**, Supplier shall notify and obtain approval from FEC prior to processing of materials.

9. Non-Conformance Material Control

Supplier shall have documented internal systems or processes that includes provisions to identify, segregate, and control nonconforming material to ensure that nonconforming material is not shipped to FEC. Supplier shall notify FEC immediately when the Supplier has found a nonconforming condition of materials or services already delivered to FEC. Supplier is **NOT** granted Material Review Board (MRB) authority for any FEC Purchase Orders unless specifically authorized in a written Letter of Delegation from FEC. Supplier is **NOT** authorized to build hardware 'at its risk' by obscuring or altering nonconforming conditions.

10. "No Change" Policy

Non QPL suppliers and distributors shall make no changes to the process or product without prior notification and approval from FEC. Change requests shall be submitted to FEC via email (Quality@feccables.com) or any other means where an electronic copy of the change request can be identified and acknowledged. This shall be flowed down to all sub-tier suppliers as applicable.

11. DFARS Compliance

All materials supplied to The First Electronics Corporation (FEC) must be compliant to **DFARS 252-225-7014.A1T.1** Specialty metals and **DFARS 252.225-7007** Prohibition on Acquisition of Munitions List from Communist Chinese Military Companies. **DFARS 252.204-7008** Compliance with Safeguarding Covered Defense Information Controls': Supplier shall indicate whether deviation from any of the security requirements in the National Institute of Standards and Technology (NIST) Special Publication (SP) 800-171, 'Protecting controlled Unclassified Information in Non-Federal Information Systems and Organizations, <http://dx.doi.org/10.6028/NIST.SP.800-171> that is in effect is anticipated in the performance of the purchase order by the Supplier and any sub-tier supplier(s). **DFARS 252.239-7009** 'Representation of Use of Cloud Computing': Supplier and its sub-tier suppliers shall indicate whether the use of cloud computing is anticipated in the performance of the purchase order.

12. GCAR Notification

Supplier shall notify FEC if a U.S Government Corrective Action Request (GCAR) is received by the Supplier or its sub-tier Supplier on materials, services, or systemic nonconformances related to any FEC Purchase Order. A copy of the GCAR shall be provided to FEC within 5 business days of receipt by the Supplier.

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13. Record Retention

Supplier shall retain all records needed to show conformance to Purchase Order requirements for each shipment. Records shall remain legible, readily identifiable, and retrievable for a period of 10 years after completion of the Purchase Order or for longer periods as required by law or otherwise specified on the purchase order.

14. Customer Access

The First Electronics Corporation and its customers (ex: US Federal Government and its Prime Contractors), shall have right of access to quality system documentation, product and all applicable records and all facilities involved in this purchase order with reasonable notice to the Supplier.

15. First Article Inspection

First Article Inspection is required with the exemption of Commercial off the Shelf (COTS) items. First Article Inspections (FAI) shall be performed in accordance with SAE AS9102 per the revision level in effect at the time of purchase agreement (FEC will assist with guidance for completion where necessary).

A new full FAI is required on new parts. A new or Delta FAI is required when there is:

- a) a change in the design characteristics affecting fit, form, or function of the part,
- b) a change in manufacturing source(s), process(es), inspection method(s), location of manufacture, tooling, or materials that can potentially affect fit, form, or function,
- c) a change in numerical control program or translation to another media that can potentially affect fit, form, or function,
- d) a natural or man-made event, which may adversely affect the manufacturing process,
- e) an implementation of corrective action required to complete a previous FAI, as described in section 4.4 of the AS9102 requirement.
- f) a lapse in production for two years shall require an update for any characteristics that may be impacted by the inactivity. This lapse is from the completion of the last production operation to the actual restart of production.

FAI results shall be quantitative for dimensional parameters where possible. FAI results of pass or fail for dimensional parameters may not be accepted where reasonable technology exists to measure these parameters.

In the case of raw material, a Material Test Report showing the material's chemical and mechanical properties is required.

Material requiring a new or Delta FAI shall NOT be shipped to FEC without prior authorization.

To obtain authorization, email the FAI Report and accompanying certification(s) to Quality@feccables.com. Please indicate 'FAI REPORT for P/N XXXXX' in the e-mail subject line (also include the word 'CHELSEA' if the PO is issued from the FEC Chelsea location).