Revision	Date	Notation of Changes	Modified By
A	04/23/19	Corporate Supplier Quality Manual release	Scott Bollig
B	04/23/20	Revised Quality Clause numbers. Reviewed and updated quality clause numbering. Numbering was incorrect missing IE27 and needed renumbered for all quality clauses after IE30.	Scott Bollig
C	10/13/20	Adjusted the Quality Clauses. Applied RoHS and REACH declarations clause to Reserved clause 27. Added Clause 34. Updated section 4.2.9.2 to bring up to date with RoHS3.	Scott Bollig

Hard copies are uncontrolled unless approved by QA. This document is the sole property of Infinite Electronics. Use outside the organization requires written approval from Infinite management.

1. PURPOSE AND SCOPE

1.1. Infinite Electronics is committed to continuous quality improvement. We believe that only with a strong commitment to quality can we continue to be a leader in today's competitive world market. In support of this commitment, this manual establishes minimum quality requirements for all suppliers of materials and services to Infinite Electronics. This includes products produced by the supplier directly or purchased through sub-tier suppliers for use in Infinite Electronics products.

This manual is a supplement to other requirements covered by Infinite Electronics drawings and purchasing documents. This does not replace or alter any of the terms, conditions, drawings, and/or specification requirements stated in those documents.

Unless explicitly stated on a written Infinite Electronics purchase order (PO), all terms and conditions with this manual apply to all purchase orders from infinite Electronics.

Infinite Electronics reserves the right to make changes to this document and requirements referenced herein. The latest version of this document is available at https://www.infiniteelectronics.com/suppliers/. It may also be accessed from the Infinite Electronics web site at http://www.InfiniteElectronics.com.

Suppliers are responsible for ensuring that they are using the current version of this document.

2. REFERENCES

2.1. ISO9001:2015 – Quality Management System Requirements

2.2. AS9100D – Aerospace Quality System Requirements for aviation, space, and defense organizations.

2.3. ISO/IEC 17025 – General requirements for the competence of testing and calibration laboratories.

2.4. ANSI/ESD S20.20-2007 Protection of electrical and electronics parts, assemblies and equipment.

2.5. AS5553 – SAE international standard: Counterfeit Electronics Parts: Avoidance, Detection, Mitigation and Disposition

2.6. REACH - Registration, Evaluation, Authorization and Restriction of Chemicals.

2.7. RoHS - Restriction of Hazardous Substances directive adopted by the European Union.

2.8. ECHA – European Chemicals Agency

2.9. C-04-PU-001 - Infinite Electronics Purchasing Terms and Conditions

3. DEFINITIONS

3.1. May / Can / Should - optional

3.2. Must / Shall / Will - mandatory

3.3. DPPM - Defective Parts Per Million

Hard copies are uncontrolled unless approved by QA. This document is the sole property of Infinite Electronics. Use outside the organization requires written approval from Infinite management.

3.4. C of C - Certificate of Conformance

3.5. CAR - Corrective Action Report

3.6. IE - Infinite Electronics

4. PROCESS

4.1. Order of Precedence

4.1.1. In the event of any inconsistency or conflict between the provisions of this document and other documents issued by Infinite Electronics, the following order of preference shall be followed: 1. Order specific text on the Infinite Electronics PO; 2. IE Private Label Agreement (PLA), if applicable; 3. This Supplier Quality Manual; 4. Other documents referenced on the PO which apply to the PO as a whole and not to a specific line item or otherwise referenced; 5. Infinite Electronics Purchasing Terms and Conditions; 6. IE statement of work, as applicable; 7. Specifications attached to a PO or incorporated by reference, as applicable.

4.2. Quality System Requirements

4.2.1. Infinite Electronics requires that all suppliers implement and maintain a quality management system (QMS) that is certified to ISO9001:2015 or follows ISO9001:2015 QMS requirements. It is highly recommended supplier's quality management systems are certified by an ANAB and/or IAF certified third party registrar. Certified suppliers shall forward a copy of their quality management certification to their Infinite Electronics buyer. Any modifications, such as a change of the certification registration body, certificate scope update, or certification withdrawal or disapproval will shall be communicated to Infinite Electronics. Suppliers shall also notify Infinite Electronics of a change in supplier name, facility relocation, leadership, ownership or adverse action taken by a government entity which impacts the supplier's ability to conform to IE requirements. Infinite Electronics reserves the right to determine if a supplier's quality management system is in compliance with IE requirements.

4.2.2. **Quality Planning**

4.2.2.1. The supplier must have documented procedures in place that detail the methods and processes used to control product quality. These procedures may be consolidated into a single document as part of the company quality manual. Periodic reviews of procedures shall be conducted to update quality objectives and programs.

4.2.2.2. Infinite Electronics may require control plans or product first articles that document and validate specific details ensuring the quality of parts supplied. When requested, these shall be submitted to IE for review.

4.2.3. **Supplier Organization and Personnel Qualifications**

Hard copies are uncontrolled unless approved by QA. This document is the sole property of Infinite Electronics. Use outside the organization requires written approval from Infinite management.

4.2.3.1. Individuals responsible for Quality Control within the organization shall be clearly defined and have authority to ensure product quality is maintained. These individuals may be defined in procedures or in organizational charts.

4.2.3.2. The supplier organization shall be able to show documented evidence of training.

4.2.4. **Record Retention**

4.2.4.1. The supplier shall maintain appropriate records for product provided to Infinite Electronics for a minimum of five (5) years unless other stated in the PO or other document of precedence. Records include, but are not limited to, production records, purchasing records, product and material delivery and training records.

4.2.5. **Subcontracted Material and Service**

4.2.5.1. The supplier shall be responsible for assuring that the products and services purchased to support IE products conform to IE requirements. The supplier shall maintain adequate records that include, but are not limited to:

- Evaluations of subcontracted suppliers
- Flow down of Infinite Electronics requirements to subcontracted suppliers
- Inspection Records pertaining to raw materials or products related to Infinite Electronics PO's.
- Traceability records related to raw materials or products related to Infinite Electronics PO's.
- Corrective Action Reports relating to raw materials or products related to Infinite Electronics PO's.

4.2.5.2. Suppliers shall not subcontract any work related to any given PO without notification and written permission from Infinite Electronics.

4.2.5.3. Suppliers shall not place any IE tooling with subcontractors without notification and written permission from Infinite Electronics.

4.2.6. **Counterfeit Materials**

4.2.6.1. Suppliers providing Electrical, Electronic, and/or Electromechanical (EEE) products to Infinite Electronics shall have a counterfeit materials policy in effect that is equivalent to requirements defined in AS5553. Additional information or requirements may be flowed down in the IE Terms and Conditions or through IE PO's.

4.2.7. **Regulated Materials**

4.2.7.1. Supplier agrees that all materials used in the manufacturing of IE products shall satisfy all government environmental and safety requirements applicable both to the country of manufacture and delivery. Supplier shall have a process to assure that these requirements are complied with for products made with in-house manufacturing processes and those used by subcontractors.

Hard copies are uncontrolled unless approved by QA. This document is the sole property of Infinite Electronics. Use outside the organization requires written approval from Infinite management.

4.2.8. **REACH**

4.2.8.1. Supplier agrees that all products supplied to Infinite Electronics shall be compliant with EC1907/2006 and all subsequent revisions and amendments unless otherwise approved by Infinite Electronics in writing.

4.2.8.2. No products or their components may exceed the designated thresholds for the substances of very high concern (SVHC) as contained in ECHA Annex 1 unless otherwise approved in writing by Infinite Electronics.

4.2.8.3. Suppliers shall identify the status of REACH compliance for each product delivered via a declaration which may be requested by Infinite Electronics, or its agents, in accordance with the REACH-required declaration format.

4.2.9. **RoHS**

4.2.9.1. The supplier agrees that all products supplied to Infinite Electronics shall be compliant with directive EU2011/65/EU and all subsequent revisions and amendments unless otherwise approved in writing by Infinite Electronics.

4.2.9.2. No products or their components may exceed the designated thresholds for Cadmium, Hexavalent chromium, lead, mercury, Polybrominated biphenyls (PBB), Polybrominated diphenyl (PBDE), Bis 2-Ethylhexyl phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), or Diisobutyl phthalate (DIBP).

4.2.9.3. Suppliers shall identify the status of RoHS compliance for each product delivered via a declaration which may be requested by Infinite Electronics, or its agents, in accordance with the RoHS-required declaration format.

4.2.10. **Conflict Minerals**

4.2.10.1. Supplier agrees that all products supplied under this Agreement are compliant with the US Financial Reform Law of 2010 section 1502 requiring companies to disclose the use of any Tin (CAS#7440-31-5), Tantalum (CAS#7440-25-7), Tungsten (CAS#7440-33-7) or Gold (CAS#7440-57-5) originating from the Democratic Republic of the Congo or any adjoining country. Supplier shall identify the status of such compliance via a certification which may be requested by Infinite Electronics, including a comprehensive list of smelters used by the supplier or anywhere within the supplier's supply chain. This certification shall be made using the Conflict Minerals Reporting Template (CMRT) developed by the Responsible Minerals Initiative.

4.2.11. **Supplier Ethics and Labor Standards**

4.2.11.1. Infinite Electronics is committed to conducting its business ethically and lawfully. Infinite Electronics suppliers shall conduct business ethically and lawfully and in compliance with Infinite Electronics' Code of Business Ethics, available at

Hard copies are uncontrolled unless approved by QA. This document is the sole property of Infinite Electronics. Use outside the organization requires written approval from Infinite management.

https://www.infiniteelectronics.com/wp-content/uploads/2017/09/Supplier-Code-Of-Conduct.pdf. It is the supplier's responsibility to verify that they are in compliance with the current revision of this document.

4.2.12. **Processing ESD Materials**

4.2.12.1. When required, the supplier shall have an ESD control program in effect. The program shall be designed to meet the requirements of ANSI/ESD S20.20-2007 or equivalent. The documentation for this program shall detail the methods and safeguards used to manufacture ESD sensitive products, the type of ESD protective packaging used, and the warning label instructions and type for each package.

4.2.13. **Foreign Object Debris (FOD)**

4.2.13.1. Supplier shall establish and maintain a written FOD prevention program to reduce FOD contamination.

4.2.13.2. The FOD prevention practices shall be proportional to the FOD susceptibility of the product(s).

4.2.13.3. The FOD prevention program, written procedures, or policies developed by the seller shall be subject to review and audit by Infinite Electronics.

4.2.14. **Measurement and Test Equipment**

4.2.14.1. The supplier must provide inspection, test facilities and test equipment adequate for effective measurement of product conformance to specifications. All measuring and test equipment, including production tools and fixtures used as a medium of inspection, shall be calibrated prior to use and at defined intervals to ensure continued accuracy. Calibration shall be in accordance to internationally recognized standards (ASTM, NIST) and be traceable to relevant industry, national or international standards. Documented Information is to be maintained showing date and results of the last inspection and dated of next scheduled inspection.

4.2.15. **Tooling Equipment and Maintenance**

4.2.15.1. All tooling used in the manufacture of an IE products shall be maintained in a condition that ensures production of quality parts.

4.2.15.2. The supplier shall have a maintenance program for production equipment that includes preventive maintenance on a regularly scheduled basis. Maintenance records shall be maintained.

4.2.15.3. Capability of production processes may be demonstrated by statistical process control tools or other acceptable methods of verification as determined by IE.

4.2.16. **Manufacturing Process Control**

4.2.16.1. During the manufacturing process, the supplier shall apply procedures and controls sufficient to maintain the identity of materials, ensure conformance to

Hard copies are uncontrolled unless approved by QA. This document is the sole property of Infinite Electronics. Use outside the organization requires written approval from Infinite management.

required specifications, and document and maintain test results.

Elements required to enable process control includes, but are not limited to:

- Work Instructions

  Written process, inspection or test instructions must be readily available and understood by appropriate personnel.

- Determination of Process Capability

  The ability of a process to consistently produce parts to specifications will be verified with SPC tools.

- Ongoing Process Control

  IE may identify specific product characteristics to be controlled in process using statistical methods. The supplier, through knowledge of the production process and end use of the product, shall identify significant characteristics and maintain statistical process control of these characteristics. When required, inspection or test results indicating ongoing process control data should be documented for review by Infinite Electronics. IE reserves the right to require SPC controls on specific product characteristics.

- Lot Control

  Suppliers are expected to have lot identification control procedures in effect when materials and/or process require lot segregation.

4.2.17. **Configuration Control**

4.2.17.1. The supplier shall prepare, maintain, and implement a documentation control system that controls, manages, tracks, provides records of, and ensures the design and manufactured configuration of all deliverable assemblies supports IE requirements and prevents unauthorized design changes from being incorporated into IE purchased product

4.2.17.2. The supplier shall ensure that approved changes are incorporated into the assemblies and recorded into the appropriate documents.

4.2.18. **Notification of Change**

4.2.18.1. Suppliers shall notify Infinite Electronics in writing and receive written approval prior to making any change that impacts Fit, Form, and /or Function of purchased product. Supplier shall also notify Infinite Electronics of any significant process change. These changes may include, but are not limited to:

- changes in manufacturing location, process, or purchasing of materials from new sources that could impact fit, form, and/or function.

4.2.18.2. It is requested that Infinite Electronics is notified of these changes 90 days prior to implementation.

4.2.18.3. Any significant change in the ability of the supplier to provide product per PO

Hard copies are uncontrolled unless approved by QA. This document is the sole property of Infinite Electronics. Use outside the organization requires written approval from Infinite management.

requirements (issues that will reduce product delivery capability by 25% or more of PO requirements) must be brought to the attention of IE Purchasing immediately.

4.2.19. **Outgoing Product Control**

4.2.19.1. The supplier must verify that his product conforms to Infinite Electronics PO and specification requirements.

Verification can be demonstrated by any one or combination of the following.

- Maintaining in-process statistical control records indicating parts were manufactured with capable processes.
- Final inspection or test utilizing either 100% inspection or an appropriate, statistically valid acceptance sampling plan.

4.2.19.2. Acceptance of product by any sampling plan does not relieve the supplier of the responsibility that all parts must meet specifications. Documentation or records verifying acceptable outgoing product quality shall be available for review by IE. When requested by Infinite Electronics, documentation or records are to be included with and/or sent in advance of shipments.

4.2.20. **Returned Material Analysis**

4.2.20.1. Infinite Electronics may require the supplier to perform analysis of failed material. Records shall be maintained identifying the failure cause and the corrective actions taken to prevent recurrence.

4.2.21. **Product Identification, Protection and Preservation**

4.2.21.1. Supplier must have an inventory control system that protects product from production through delivery. This includes stock rotation on a first in, first out (FIFO) basis. Obsolete material must be managed to prevent incorporation into current product.

4.2.21.2. The supplier must provide the required controls for positive product identification. These controls shall ensure protection against damage, contamination and corrosion during storage, manufacturing, and shipment. When applicable, the system shall also include storage control provisions for product having a limited shelf life or special environmental requirements.

If Infinite Electronics issues materials to the supplier, the supplier shall have the following responsibilities for such material:

- Verification of quantities
- Verification of condition
- Notification of receipt of non-conforming material
- Segregation of IE material from other stock
- Return of unused material after fulfillment of contract or PO

Hard copies are uncontrolled unless approved by QA. This document is the sole property of Infinite Electronics. Use outside the organization requires written approval from Infinite management.

4.2.22. **Packaging – Shipments**

Unless otherwise specified in the PO, drawing, or IE specifications, items must be packaged following ASTM-D3951, (Standard Practice for Commercial Packaging), or equivalent methods to preclude damage during shipment.

4.2.23. **Packaging to requirements detected at supplier location:**

4.2.23.1. If any shipments of materials with suspected quality problems have been shipped, the supplier shall immediately notify their IE buyer. The supplier shall immediately determine the extent of the problem and take prompt action to correct the condition and prevent shipment of any additional nonconforming material.

4.2.23.2. The supplier shall be responsible for all costs incurred by IE associated with sorting and/or reworking of suspect parts, as well as the freight and handling costs associated with their removal from the IE facility.

4.2.23.3. Notifications to Infinite Electronics by the supplier of a nonconforming condition and associated corrective action, or request for rework or deviation approval, shall be directed through the IE buyer. Contacts by telephone are to be confirmed in writing. Pending specific instructions from IE, the supplier shall hold the product involved from further processing and shipment.

4.2.24. **Nonconformance to requirements detected at Infinite Electronics**

4.2.24.1. The IE Purchasing Department promptly notifies the supplier to arrange disposition when nonconformance is detected by Infinite Electronics.

4.2.24.2. It is the responsibility of the supplier to incur the costs of returned shipments, sorting, and/or reworking nonconforming material received at Infinite Electronics. These costs can include material, shipping, handling, IE labor, and contracted services. In the event the supplier cannot provide replacement material to support production requirements, Infinite Electronics notifies the supplier prior to commencing rework of nonconforming supplier material.

4.2.25. **Nonconformance detected through Warranty Claim**

4.2.25.1. If a supplier has furnished a nonconforming product that has resulted in warranty claims, the supplier may be asked to reimburse IE for the associated cost incurred. Reimbursement could include costs of the product plus handling allowance, expedited shipping, labor and administrative costs incurred by IE. This does not define the respective rights and obligations of either Infinite Electronics or the supplier with respect to such matters as recall and campaign programs, epidemic failures, consequential damage claims and product liability.

4.3. Initial Sample Requirements

Infinite Electronics may require suppliers to furnish representative production samples (first articles) with inspection and test reports before first production shipments and after product engineering changes. These requirements will be communicated with the supplier as a part of the PO, and/ or through email.

Hard copies are uncontrolled unless approved by QA. This document is the sole property of Infinite Electronics. Use outside the organization requires written approval from Infinite management.

4.3.1.1. Unless otherwise instructed, the supplier shall provide Infinite Electronics with the requested quantity of representative sample parts that have been inspected for compliance with dimensional, functional and appearance requirements.

4.3.1.2. The supplier shall perform inspections and tests necessary to ensure that samples conform to specifications. This applies to any requirements specified or referenced on IE drawings or purchase documents. All results shall be reported.

4.3.1.3. Initial samples submitted because of engineering, process, tooling changes, or resubmitted due to nonconformance, need only be inspected and tested for the characteristics affected, unless otherwise specified.

4.3.1.4. Suppliers who are unable to perform the necessary inspection and tests within their facilities are responsible for having these services performed by a reliable outside source. The sources must be identified for all samples submitted.

4.3.2. **Sample Identification and Shipping Instructions**

4.3.2.1. Sample parts and reports are to be packaged and shipped to IE in a separate package addressed to “Quality Assurance” or to an individual as specified by Infinite Electronics. The package should be clearly marked “SAMPLE”and labeled with the supplier’s name, part number, drawing revision letter, and PO number.

4.4. Evaluation of Suppliers

4.4.1. **Capability Rating**

4.4.1.1. Infinite Electronics evaluates a supplier's capability based on whether the following factors are judged adequate. This may be supported by surveys, supplier provided documentation and records or site visits by IE personnel.

- Management commitment to provide quality product with emphasis on continuous improvement activities across the organization.
- Quality management systems and the extent to which they conform to Infinite Electronics System Requirements, or alternately to the ISO9001:2015 standard.
- Capability, capacity, and condition of the supplier’s physical manufacturing facilities and equipment. Deficiencies noted during a site capability evaluation visit shall be discussed with the supplier at the time of the survey and could have an impact on future purchase negotiations and order placement.

4.4.2. **Potential Suppliers**

4.4.2.1. Infinite Electronics shall survey potential suppliers prior to placement of orders for product or related tooling. Order placement shall be based on the supplier first obtaining a satisfactory capability rating.

4.4.3. **Current Suppliers**

4.4.3.1. Surveys to establish capability ratings may be initiated prior to placement of new business as a result of previous quality performance, or if the product differs significantly from the product previously purchased.

Hard copies are uncontrolled unless approved by QA. This document is the sole property of Infinite Electronics. Use outside the organization requires written approval from Infinite management.

4.4.4. **Supplier Surveillance**

4.4.4.1. Suppliers are expected to participate in periodic appraisals (audits) of their quality and management control systems, product processing and inspection and test processes. If required, the supplier's measuring and test facilities will be made available to IE and Infinite Electronics' customers. Suppliers must notify IE of any major change in the organization such as leadership, ownership, location, and or significant supplier facility or process modifications.

4.4.5. **Customer Requested Suppliers**

4.4.5.1. Customer designated suppliers shall be required to meet all requirements of this manual.

4.4.6. **Supplier Quality Capability Rating System**

4.4.6.1. The suppliers that are currently in the Infinite Electronics Approved Supplier List shall be rated on Quality, Cost, and Delivery.

- Quality of Products Delivered

  All parts and materials are expected to arrive with zero (0) defects. The quality of products delivered shall be validated by the supplier and every defect found during incoming inspection counts against the supplier quality rating.

- On-Time Delivery of Products and Data

  This rating is based on delivering parts on the day they are due. Due to the nature of our business we are welcoming of accepting product earlier than the agreed upon date with notification and zero (0) days late.

  Quotes are expected to be returned within 24 hrs.

- Cost Metrics

  Cost metrics will be determined and assigned by the purchasing group and flowed down to suppliers through their buyer.

5. STATISTICAL REQUIREMENTS

5.1. N/A

6. ATTACHMENTS

6.1. Supplier Quality Clauses

Hard copies are uncontrolled unless approved by QA. This document is the sole property of Infinite Electronics. Use outside the organization requires written approval from Infinite management.

The Following Quality Clauses are applicable only when specified on a purchase order

E01 APPROVED VENDOR
The subcontractor shall be an INFINITE ELECTRONICS approved vendor.

IE02 FINAL ACCEPTANCE
Final acceptance of items furnished under this purchase order will be at INFINITE ELECTRONICS. INFINITE ELECTRONICS shall have the right to use sample inspection methods for acceptance of shipments. If the sample is unacceptable, the Buyer shall have the right to return all or part of the lot for credit or replacement.

IE03 SURVEILLANCE/CUSTOMER RIGHT OF ENTRY
INFINITE ELECTRONICS its customers and regulatory agencies reserve the right to conduct inspection and surveillance of the suppliers' procedures, facilities, and products. The right of entry provides the supplier, customers, and regulatory agencies to determine and verify the quality, records, and material at any place, including the plant of the subcontractor. INFINITE ELECTRONICS or its customer's verification of product is not to be used as evidence of effective supplier quality control and does not absolve the requirement for conforming product or preclude subsequent rejection by the customer.

IE04 MANUFACTURING, INSPECTION AND TEST PLANS
The seller shall prepare a manufacturing and inspection test plan showing operational sequence, inspection and test points. The manufacturing and inspection test plan shall include any other pertinent control media for the items to be fabricated per this purchase order. The inspection and test at each control point shall be clearly identified. A legible and reproducible copy of the plan shall be submitted to Infinite Electronics quality department before start of production.

IE05 SUPPLIER'S INSPECTION DATA SHEETS
Final inspection dimensional data check sheets required for each part number produced. 100% Inspect is required.

IE06 TOOLING
Seller must accomplish complete inspection of tools in accordance with the media provided per this purchase order. Certificate of Conformity must accompany tools as directed in quality clause IE09.

IE07 SOURCE INSPECTION
Source inspection will be required on this purchase order. This must be accomplished before shipment of product. Evidence of INFINITE ELECTRONICS source or authorized agent must be shown on all documents.

IE08 FIRST ARTICLE PER AS9102
The seller shall furnish a documented first article report per AS9102 produced on production equipment and using processes that will be used on production components.

IE09 CERTIFICATE OF CONFORMITY (C of C)
Certificate of conformity stating that all items supplied meet all purchase order, specification and blue print requirements. C of C to include purchase order number, part number, tool number, serial/lot number, quantity, process performed with revision level and heat/lot number as applicable. Unless otherwise specified, all work to be performed to the latest specification revision level. C of C must show signature of authorized company official.

IE10 CERTIFICATE OF TRACEABILITY
A reproducible copy of original manufacturer certification must accompany each shipment. Traceability must be hardware to original manufacturer's certification

IE11 TEST REPORT(S)
Supplier shall provide upon request by INFINITE ELECTRONICS a reproducible copy of original manufacturer test reports. Test reports that may be requested are but not limited to Chemical, Mechanical, and or certification of special processes such as but not limited to , heat treat, welding, surface preparation and treatment, paint, pressure test, bonding, etc. of a chemical test report must accompany each item on purchase order. Test reports must show signature and title of authorized company official. Traceability must be maintained from material to test report.

IE12 CERTIFICATION OF NON-DESTRUCTIVE TESTING
A reproducible copy of original manufacturer certification of test reports performed per purchase order. Such as, Magnetic Particle, Penetrant, Eddy Current, Ultrasonic, or Radiographic inspection. Certification must include applicable specification with revision, signature, and title of authorized company official.

IE13 KEY CHARACTERISTICS
Statistical Process Control is required on this purchase order for Key characteristics or process parameters identified by drawing or specification. The supplier is responsible for implementing a control plan, appropriate process control charts, and submitting this data with each shipment to INFINITE ELECTRONICS.

IE14 IPC/WHMA 620
Individuals completing work on this order shall be certified to IPC/WHMA 620. Records of certification shall be available upon request by INFINITE ELECTRONICS.

IE15 J-STD-001
Individuals completing work on this order shall be certified to J-STD-001. Records of certifications shall be available upon request by INFINITE ELECTRONICS.

IE16 TRACEABILITY - Outside Processing
Traceability between material and records must be maintained from receipt of material to completion of purchase order requirements. Records must be identified with part number, purchase order number, and date of receipt.

IE17 SUBCONTRACTOR APPROVAL-CONTROLLED PROCESSES
The subcontractor shall be approved by INFINITE ELECTRONICS's customer. When such approval is required by applicable specification, the supplier will assure that their approval is current. Such approval does not grant inspection authority.

The subcontractor shall notify INFINITE ELECTRONICS' QA Department immediately in writing when their approval is withheld or if their system or specification is disapproved when the subcontractor is performing work for INFINITE ELECTRONICS to that system or specification.

Hard copies are uncontrolled unless approved by QA. This document is the sole property of Infinite Electronics. Use outside the organization requires written approval from Infinite management.

IE18 RAW MATERIAL VERIFICATION
The subcontractor shall be responsible for periodic raw material verification. Test results will be available to INFINITE ELECTRONICS as necessary.

IE19 SAFETY DATA SHEETS
The supplier shall submit a Safety Data Sheet with each shipment on this purchase order.

IE20 SAMPLING
Unless otherwise stated, all sample inspections require prior approval from the customer and will be per ANSI/ASQC Z1.4, single sample, Level II, at a 1.0% AQL. Accept = 0, Reject = 1.

IE21 DOMESTIC MATERIAL
Raw material must be procured from a source within the United States of America. Certifications of this material must state the location of raw material source.

IE22 CONTRACTOR COUNTERFEIT PART DETECTION AND AVAIDANCE SYSTEM
In addition to the requirements of AS5553 the supplier shall also ensure compliance and certify product meets the requirements of DFARS 252.246-7007.

IE23 NATIONAL DEFENSE ORDER (15 CFR 350)
This is a rated order for national defense use, and the seller is required to follow all the provisions of the Defense Priorities and Allocations System Regulation (15 CFR 350).

IE24 TIME (AND TEMPERATURE) SENSITIVE MATERIAL
Shelf life information required. Supplier shall submit a Certificate of Conformance or label the containers with the manufacturer's name, type of material, date of manufacture, and shelf life. All materials received shall have 80% of its original shelf life remaining upon receipt at INFINITE ELECTRONICS unless otherwise stated on the purchase order.

IE25 RECORD RETENTION
Subcontractor is required to retain records for a minimum of ten (10) years after completion of contract.

IE26 END OF LIFE
Suppliers shall provide notification of product phase-out / End-of-Life situations as follows. Suppliers shall provide 6 months advance notification for placement of orders and 12 months notification for shipments.

IE27 RoHS & REACH DECLARATIONS
RoHS & REACH declarations are required with each shipment under this order.

IE28 TOOLING
Suppliers are required to maintain and store Tooling per the applicable Prime Customer's Tooling Documents.

IE29 PROTECTING CONTROLLED UNCLASSIFIED INFORMATION
Supplier shall comply with DFARS 252.204-7012 and FAR 52.204-21 calling out compliance to NIST SP 800-171.

IE30 CUSTOMER-TRADE PARTNERSHIP against TERRORISM
For seller's goods to be imported into the United States, seller shall comply with all applicable recommendations or requirements of the United States Bureau of Customs and Border protection's Customer-Trade Partnership against Terrorism (C-TPAT) initiative. At Infinite Electronics or the Bureau of Customs and Border Protection's request, seller shall certify in writing its compliance with the forgoing. Seller shall indemnify and hold Infinite Electronics harmless from and against any liability, claims, demands, or expenses arising from or relating to seller's noncompliance.

IE31 EXPORT/ITAR REGULATIONS
Items, including any associated drawings or technical data, sent to the seller or to be delivered under this purchase order could be subject to U.S. Export Control laws and / or controlled by the U.S. International Traffic in Arms Regulations (ITAR) 22 CFR Part 120-130. Items not specifically classified by Buyer on this purchase order as military items subject to ITAR control are assumed to be commercial items. Where seller maintains the design authority, Seller agrees to notify Buyer if any deliverable under this purchase order is a Defense Article within the meaning of the International Traffic in Arms Regulations, 22 CFR 120-130 (ITAR). Unless otherwise specified by Seller, Seller warrants that no deliverable supplied under the contract is a Defense Article as defined by CFR 120.6.

IE32 FORENSIC ANALYSIS
Supplier shall support all requests by Infinite Electronics to perform a detailed analysis of returned defective products to determine the cause of the failure and determine if the cause was the fault of the supplier or the customer. Unless otherwise arranged in writing, all costs associated with the analysis shall be borne by the supplier.

IE33 PRODUCT CONSISTENCY
Coloring of product must remain consistent from lot to lot.

IE34 SUPPLIER MASTER AGREEMENT
An Infinite Electronics master agreement, containing alternate terms or requirements, is in place with this Supplier and is hereby incorporated into this Purchase Order.

Hard copies are uncontrolled unless approved by QA. This document is the sole property of Infinite Electronics. Use outside the organization requires written approval from Infinite management.