

Title: Skyworks Supplier Quality Manual	Doc Number: SQ02-0020
	Revision: 44

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Manual

Department: Quality	Quality Manual
CBP/Area: Supplier Management	
Document Type: Manual	
Document Author: Monica Morales	

1. Purpose

The purpose of this manual is to define the basic quality systems and business procedures required of external providers who currently or potentially manufacture and/or supply production material and/or services to Skyworks.

This manual also defines quality requirements, business practices and applicable documents for these external providers, in order to maintain their status as an approved supplier.

This manual, the Commercial Agreement, the Nondisclosure Agreement, and the Skyworks purchase orders are intended as the agreement on all the terms and provisions. This manual supersedes any prior written or oral agreements concerning any of the subject matter of this manual.

2. Scope

This procedure applies to Skyworks' external providers of Level 1 materials and Level 4 services that directly affect the form, fit, function, performance, and/or durability of the finished product.

3. Definitions

Terminology	Definition
Approved	The supplier status such that Skyworks' Sourcing may buy qualified products from that supplier.
ASL	Approved Supplier List housed in the Lotus Notes "SWKS Supplier Management" database.
Camline SQM	Supplier Quality Management is a new system being deployed for the management of eCoC or eCOA data, including an SPC engine (SPACE) that controls conformance to specification and control limits as applicable.
Certificate of Analysis (CoA)	Signed document that provides quantitative data for the items being delivered that certifies that the product conforms to all purchase order requirements and reference specifications.
Certificate of Conformance (CoC)	Signed document certifying that delivered products conforms to all purchase order requirements and reference specifications.
Disqualified	Supplier status such that no further orders may be placed.
Durability	The probability that an item will continue to function at customer expectation levels, at the useful life without requiring overhaul or rebuild due to wear-out.
eCoC or eCoA	Electronic form of CoC or CoA.
Fitness for Use	Product or service that fits Skyworks' defined purpose, under anticipated or specified operational conditions (e.g., JEDEC or other industry standards).
Level 1 Material	Goods used in the manufacture of finished product that directly affect the form, fit, function performance and/or durability of the finished product.
Level 4 Service	Service provided by an external provider that directly affects the form, fit, function, performance, and/or durability of the finished product.
MPS	Material Purchasing Specs is a controlled document that provides requirements and specifications of purchased material.
QML	Qualified Material List provides the list of critical materials that shall follow this procedure. QML provides the material qualification status by source and by Skyworks plant
Remaining Shelf Life	The material lifetime prior to reach material expiration date at the time of delivery.
RMA	Returned Material Authorization, typically a requirement for returning nonconforming products to the supplier.
SCAR	Supplier Corrective Action Request, a formal request for improvement issued to an external provider.
Shelf Life or Shelf-Life Duration	Guaranteed material lifetime as defined by the material manufacturer. The manufacturer guarantees that all specified parameters remain within the limits specified in the MPS throughout the material shelf life.
SQE	Supplier Quality Engineer.
SQM	Supplier Quality Management (SQM) is a new system/software being deployed for the management of eCoC or eCoA data, including an SPC engine that controls conformance to specification and control limits as applicable.
Sub Tier Suppliers	Suppliers used by an external provider to Skyworks, i.e., the supplier's supplier.
Supplier	An external provider of goods or services to an organization.
8D	Problem Solving Methodology based on the eight disciplines.

4. External Provider Management

Supplier terms and condition of purchase are outlined in **SQ04-0019 General Terms and Conditions**. Additional supplier quality expectations are included in Section 5 of this document. Conformance to these requirements is verified by means of supplier surveys, requested self-appraisals, and on-site assessments performed by Skyworks or a third party. All requirements in each applicable element shall be fulfilled for an external provider to be considered qualified to provide materials or services to Skyworks.

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4.1. Supplier Qualification

Detailed work instructions regarding the assessment and qualification of external providers are contained in **SQ03-0138 Supplier Qualification and Monitoring**.

4.2. Supplier Monitoring

The procedures and requirements of the performance monitoring function for external suppliers are captured in **SQ03-0138 Supplier Qualification and Monitoring**. Supplier performance is monitored monthly based on a demerit system that gives equal weight to quality and delivery. Suppliers that fall below criteria specified in SQ03-0138 are placed on probation and improvement actions are formally requested; suppliers that fail to show improvement may be disqualified.

4.3. Supplier Development

Development of Skyworks' external providers is achieved by multiple means guided by the principles of engagement, customer focus, continuous improvement, and data driven decision-making. These tenets drive for quality improvements in all aspects of the supplier-customer relationship from delivery, cost, performance, to customer satisfaction. In addition to the sustaining relationships that drive improvement within the context of on-going qualification and monitoring activities, further development of external providers is actively targeted by Skyworks. The identification of risks and opportunities associated with external providers, as well as action plans to address these issues are fundamental to the supplier development function. Supplier development is further supported by the active use of the following tools:

Supplier Development Reviews per **SQ03-0037 Supplier Development Review**.

Surveillance audits performed per **SQ03-0218 Supplier Audit Protocol**.

5. External Provider Expectations

5.1. Corporate Policies and Objectives

It is the policy of Skyworks that materials and services used in the design and production of Skyworks products be procured in a professional and ethical manner that results in achieving the lowest total cost of ownership for Skyworks and for our customers. Further, all purchased materials and services must be in compliance with agreed upon requirements, be delivered on time, and have competitive lead times and prices

5.1.1. Confidentiality

Confidentiality shall be strictly maintained in accordance with supplier terms and condition of purchase outlined in **SQ04-0019 General Terms and Conditions**

5.2. Regulatory and Statutory Requirement Compliance

It is the supplier's responsibility to ensure that their product is in compliance with all applicable regulatory, statutory, and product safety requirements and claims including those stated in supplier published product advertising, catalogues and data sheets. The supplier must be prepared at all times to substantiate compliance by providing copies of test reports and making records available for review if requested.

5.3. Sustainability

All requirements set forth in **SQ03-0337 Skyworks Supplier Sustainability Specification** apply.

5.3.1. Banned and Restricted Substances

Refer to **SQ03-0132 Green Procurement Supplier Specification** for all materials restrictions and reference to Skyworks' banned and restricted substances.

5.4. Customer Specific Requirements

Supplier shall cascade all applicable statutory and regulatory requirements, and special product and process characteristics down the supply chain to the point of manufacture.

The same quality system requirements shall apply to sub-suppliers, and the supplier is responsible for the compliance of all their sub-suppliers. Also refer to **CQI-19 Sub-Tier Supplier Management Process Guidelines**.

5.5. Risk Management Policy

The supplier shall have an up-to date documented Risk Management Policy ensuring that in the event of disaster or inability to perform, the supplier has plans to take necessary action to minimize and or eliminate such risk, from Skyworks. The supplier shall:

- Identify and evaluate internal and external risks to all manufacturing processes and infrastructure equipment essential to maintain production output.
- Define contingency plans according to risk and impact to customers, including key equipment failures; interruption from externally provided products, processes, or services.
- Include a notification process for the extent and duration of any situation impacting customer operations.
- Periodically test and multidisciplinary review the contingency plan for effectiveness.
- Document the contingency plan and retain documented information describing any revisions, including persons authorizing the changes.
- Include the development and implementation of appropriate employee training and awareness.
- Include provision to validate that the manufactured product continues to meet customer specifications after the re-start of production following an emergency.

This needs to be provided through the completion of **SQ04-0005 Supplier Survey and Audit Questionnaire**. Upon request, the supplier shall provide evidence that second sources for critical supplies, materials and components have been identified.

5.6. Notification of Product Quality or Delivery Issues

In the event a supplier causes a quality or delivery concern, they will be issued a Supplier Corrective Action Request by Skyworks staff member initiating the concern. This format may also be used to notify external providers of other types of failures such as warranty concerns, customer complaints due a supplier issue, field failures

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due a supplier issue or other required documents rejection for the automotive industry.

The SCAR will define the concern and details regarding the quantity of parts identified with the concern. There are several concern classifications:

Formal Concern: Any concern that is formally documented by Skyworks and where formal corrective action is requested in the 8D Format. See 5.9.7 for Corrective Action Requirements.

Formal Critical Concern: Some formal concerns are considered critical when an impact or risk are identified and related to product safety, specification sheet requirements, reliability, design, environment, and or field action.

Informal Concern: A potential concern voiced by Skyworks that is not formally documented but must be addressed to drive preventive actions and continuous improvements by the supplier. The Supplier will be notified of an informal concern via email or telephone, in case of a repeat issue will likely result in a formal concern.

Delivery Concern: Occurs when the supplier doesn't have the required quantity at Skyworks' facility on the target date it is due. This can be under ship, over ship, late, or early shipments.

Warranty Concern: Occurs when there is evidence a field issue exists and is determined via product and data analysis to be caused by Skyworks' supplier.

5.6.1. Supplier Charge Back

All costs incurred by Skyworks that are due to a supplier not adhering to Skyworks' quality and delivery requirements may be charged back to the responsible supplier. This includes but is not limited to customer issues, scrap, other in-process waste, warranty, and any other process fall-out.

5.7. Product Identification

The Supplier shall have a manufacturing control system such as a route card, run card, control software, etc. used for the identification of products regarding type, lot or serial number, and their status during all stages of production and test.

Shipments originating from any assembly and/or test location, including subcontractor shipments that are sent directly to customers shall be labeled in accordance with **SQ03-0120 Skyworks Labeling Requirements**.

For Wafers suppliers follow requirements in **SQ03-0379 Wafer Labeling Requirement**.

5.8. Product Traceability

The external provider shall have a system for ensuring finished product traceability back to the subassembly, component, and raw materials. Traceability shall be achieved by means of date code, lot and/or serial number.

5.9. Quality Plan

Skyworks being a leader in the wireless industry will continuously strive to improve Quality and provide world-class products to our customers. To ensure we can meet and maintain this objective, Skyworks expects the elements in this section to be present with its suppliers. In the event the supplier does not have an element of this plan, Skyworks will at its discretion, decide if we want to work and assist the supplier to develop the missing element. The Quality plan may be reviewed by the Skyworks Supplier Quality Engineer prior to a supplier being qualified. For existing suppliers, Skyworks Quality Engineers may work with supplier to document and/or develop an acceptable Quality Plan.

The requirement of the Quality Plan is one of the most critical steps in becoming an approved supplier to Skyworks. Skyworks' intent is to purchase material from suppliers on a Ship to Stock Program. This is a process where Skyworks receives parts and materials from suppliers and uses them with a minimum of internal inspection and test costs or losses resulting from the supplier's fault non-conformances. Skyworks will not accept the cost of excessive testing and poor quality and will not pay the cost of our suppliers doing extensive testing or the resulting poor yields and escapes.

The intent is to emphasize process capability improvement and controls and/or monitoring that will have the greatest impact on quality and reliability and ultimately zero defects, zero repeat issues and low cost of ownership goals. Skyworks has adopted a new process audit standard VDA6.3, see Section 5.15 for details.

The Quality Plan will normally consist of the following elements as a minimum; additional requirements may be requested by Skyworks as detailed in the following sub-sections:

5.9.1. Quality System

Suppliers are expected to have an effective quality system in place that assures consistent on-time delivery of conforming product. Third-party certificates will be provided to Skyworks as part of the Supplier Survey (SQ04-0005), and when certificates are renewed the updated certificates will be forwarded to Skyworks SQE.

Registration by an accredited third-party certification body is required as follows:

- **ISO 9001** certification is required with IATF 16949 certification as the long-term goal.
- **ISO/IEC 17025** is required for calibration and testing laboratories. The parameter and/or equipment applicable to the laboratory service being provided must be within the scope of accreditation.

Note: In the given case, an ISO/IEC 17025 accredited laboratory or OEM is not found to calibrate a measurement equipment, the selected vendor must comply with the requirements listed on the Supplier Survey (SQ04-0005) Section 5.9.1.1.

- **ANSI/ESD S.20.20** certification is required for all assembly and/or test suppliers.

Note: All third-party certificates must include a valid certification body accreditation mark.

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Given the ISO9001 certification requirement, Skyworks' external providers shall have Quality management systems that support the principles of:

- Customer focus
- Leadership
- Engagement of people
- Process approach
- Improvement
- Evidence-based decision making
- Relationship management

External providers shall notify Skyworks of any change in status of their Quality management system (e.g., change of scope, registrar, standard, etc.) in accordance with section 5.5.2. This requirement shall apply to ISO 9001, IATF 16949 and/or ISO/IEC 17025.

5.9.2. Process Controls

The supplier shall plan and carry out manufacturing processes under controlled conditions that shall include:

- The use and development of control plans as outlined in the AIAG Advanced Product Quality Planning and Control Plan (APQP) manual.
- The use of documented work instructions available at point of use.
- The use of suitable equipment supported by a preventive maintenance program for key process equipment.
- The use of equipment for test, inspection, and measurement of Skyworks product. This equipment shall require Gage reproducibility and repeatability (R&R) studies to demonstrate the capability of the equipment and measuring process. These studies shall be performed using the ANOVA method outlined in the **AIAG Measurement System Analysis (MSA)** manual. All such equipment with > 10% error needs to be reported to Skyworks and documented improvement plans shall be made available to Skyworks upon request.
- Adherence to Skyworks workmanship standards listed in section 3.0.
- The use of statistical tools such as Statistical Process Control (SPC) and capability studies (see section 5.12). The supplier shall initiate a reaction plan for characteristics that become incapable or unstable.
- A production scheduling system that supports Skyworks' delivery expectations.

5.9.3. Purchasing

The external provider shall have a defined process for their purchasing process that includes:

- The use of approved sub tier suppliers for the procurement of materials and/or services that directly affect the form, fit, function or reliability of Skyworks products.
- A supplier development program that emphasizes the flow-down of the requirements set forth in this manual to sub tier suppliers.
- The generation of purchasing information that clearly describes the product being purchased.
- The implementation of verification activities to ensure that incoming product meets specified purchase requirements.
- Sub-tier supplier performance monitoring.

5.9.4. Failure Mode and Effect Analysis (FMEA)

It is strongly recommended that the supplier develop a Process or Product FMEA and use those results to determine the appropriate test and inspection points and appropriate control methods. FMEA items with severity ranking of 9 or 10 must be acted upon immediately. Other than that, actions must be taken on the top three highest ranked risk items. In the case where 2 or more risk items have the same RPN, priority should be given to those with highest severity. Additional information can be found in the **AIAG FMEA manual**. The supplier may also use **SQ04-0099 Process FMEA Template**.

5.9.5. Reliability

Suppliers shall have a qualification process for their products, processes and/or components that ensure quality, reliability, and fitness for use (see section 2.0 for definition). This process must be followed for new products as well as product or process changes (see section 5.14). This process must also include on-going (quarterly at a minimum) reliability testing that gathers and monitors reliability data on qualified production products and processes.

Component suppliers (e.g., capacitors, resistors, filters, etc.) must forward on-going reliability reports to Skyworks FA/Reliability department quarterly. This and other requirements are outlined in **SQ03-0353 Component Supplier Reliability Requirements**. Internal supplier qualification shall meet sample size requirements outlined in this procedure where applicable.

Other suppliers may be requested to provide these reports on an as-needed basis.

5.9.6. Production Part Approval

Skyworks may request suppliers to conform to the production part approval process as outlined in **SQ03-0472 Supplier Production Part Approval Process**.

5.9.7. Corrective Action and Failure Analysis

Skyworks will use a Supplier Corrective Action Request (SCAR) as the trigger to engage the supplier for a request for containment, root cause analysis, corrective action, and verification. All responses from supplier need to be in an 8D format, you may use form **SQ04-0372 Supplier 8D**.

The supplier should have a formal, 8D process with evidence that key personnel have been trained. Failure Analysis capabilities and support needs to be identified in the Quality Plan.

For a thorough root cause analysis, suppliers may use Drill Deep/Read Across also called 3x5 Why Root Cause Analysis per **SQ03-0159 Drill Deep and Wide** using **SQ04-0092 Worksheet**, 5 why's, Fishbone, Is / Is not, etc.

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The initial response (3D) needs to be provided within 1 business day of the receipt of samples. The root cause analysis and corrective action plan (5D) shall be provided within 10 business days of the receipt of samples. The actual deployment and verification of corrective actions (6D through 8D) may take longer based on the complexity of the problem.

5.9.8. Maverick Lot Program

Skyworks encourages suppliers to have a Maverick lot program in the spirit of **JESD-50**. Where applicable, supplier shall use statistical methodology to set Maverick limits. Supplier shall notify and seek Skyworks Supplier Quality Engineering's approval prior to shipping any Maverick lots.

5.9.9. Document Control System

Skyworks requires suppliers to have a Document control system in place. Suppliers must ensure that the latest Skyworks specifications, work instructions, and other related documents are maintained in this system.

5.9.10. Internal Quality Audits

Suppliers shall perform internal quality audits in accordance with documented procedures and control plans. The supplier shall also review audit results, plan corrective action, and perform follow-up verification of corrective action effectiveness.

The supplier will publish the frequency of internal audits performed in the supplier facility in the Quality Plan. Periodically, the supplier may be requested to share details of the internal audits and follow-up items with Skyworks Supplier Quality Engineer.

5.9.11. Resource Management

5.9.11.1 Human Resources

External providers shall ensure that personnel performing work affecting product quality or the quality management system are competent based on appropriate education, training, skills, and experience. External providers shall determine competency requirements, assess employee competence, and maintain associated records as evidence. For audit service providers, auditor competence records must be made available to the Skyworks SQE representative so that auditor competence requirements can be verified prior to the audit.

5.9.11.2 Work Environment

External providers shall determine and manage the aspects of the work environment necessary to achieve conformity to product requirements. Examples of aspects may include, but are not limited to temperature, humidity, cleanliness, and electrostatic discharge protection.

External providers who handle ESD sensitive parts are expected to establish and maintain an ESD management system in accordance with **ANSI/ESD S20.20** (see section 5.8.1).

5.9.12. Problem Resolution, Escalation and Key Contacts

The external provider shall define who has authority for resolving quality, technical and supply issues, and the escalation process to the next level of management in the event that a decision can't be reached at any level.

The external provider is expected to designate a key contact person and furnish their name, daytime phone number, pager/mobile number, and email address. This individual will be the owner for taking action on quality alerts and ensuring all reports and corrective action request are rendered to Skyworks in a timely fashion. The external provider will be responsible for assuring the availability of this individual or an available back-up to Skyworks at all times.

5.10. Reports

All shipments must be accompanied by a certificate of conformance and/or certificate of analysis traceable back to the items being delivered.

The external provider may be requested to provide periodic reports or summary reports of inspection or test results. The Skyworks Supplier Quality Engineer may review the metrics and reporting formats and frequency. Additionally, the supplier may be requested by Skyworks Supplier Quality Engineer to provide periodic summary reports of FA and evaluation results on SCARs / RMAs. These will need to be in the format prescribed by the Skyworks Supplier Quality Engineer.

5.10.1. Calibration Reports

For calibration service providers, calibration reports must include evidence of conformance to requirements. Calibration shall be performed in accordance with manufacturer's specifications unless otherwise noted on the purchase order. The calibration report shall include - as a minimum - the following information:

- Equipment identification, including the measurement standard against which the equipment is calibrated traceable to international or national measurement standards. The associated standard's last calibration date and the next due date as part of the report. When no such standards exist, the basis used for calibration or verification shall be indicated.
- Any out-of-specification readings as received for calibration/verification.
- A statement of conformity to specification after calibration/verification.
- Revisions following engineering changes.

5.10.1.1. Tamper-Proof Seals

For Calibration Providers, if tamper-proof seals need to be broken to calibrate equipment or replace batteries, seals must be replaced upon return from calibration.

5.11. External Provider Self-Assessment Survey

SQ04-0005 Supplier Survey and Audit Questionnaire shall be completed by the supplier during the initial supplier qualification and will be kept on file by Skyworks. This form will also be used as the template for on-site audits performed by Skyworks. An updated survey may be requested by the Skyworks Supplier Quality Engineer if deemed necessary.



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5.12. Capability Indices

The supplier shall establish a procedure to assure that critical **Cpks are ≥ 1.67 but less than 3.0**. This procedure may be reviewed by the Skyworks Supplier Quality Engineer. For those critical Cpks which are < 1.67 and > 3.0 for three consecutive months, documented improvement plans shall be made available to Skyworks upon request.

5.13. Control of Skyworks Owned Product or Equipment

Secondary materials (such as carrier tape, trays, packaging, etc.) and consigned material provided or specified by Skyworks shall be verified to meet Skyworks requirements and fitness for use before being accepted.

Custom-owned equipment and/or tooling purchased by Skyworks shall remain the property of Skyworks. All Skyworks-owned equipment and tools will be marked with Skyworks' control numbers prior to shipment to an external provider.

Skyworks-owned equipment, tools, test correlation parts, secondary materials or consigned materials shall be controlled, stored, handled, and maintained in a manner that protects against loss and damage.

For Skyworks-owned measurement equipment that requires calibration, an Accredited ISO/IEC 17025 or national equivalent supplier with a relevant scope of accreditation shall be used to calibrate the equipment. Calibration certificates need to be sent to Skyworks' point of contact to demonstrate compliance with this requirement.

5.14. Supplier Initiated Notifications

5.14.1. Product / Process Changes

The Supplier shall have a process to manage and track changes in accordance with **SQ03-0393 Supplier Product / Process Change**, Waiver and Supplier Alert Notification Requirements.

When submitting a Process Change Notice, the supplier shall complete the **SQ04-0070 Skyworks Notification Form** and provide a process map that clearly highlights the process changes that are being proposed.

Manufacturing validation activities for new process qualifications must be coordinated in alignment with Skyworks' Technical Review Board processes.

In case of non-conformance to Skyworks PCN process, the external provider will be responsible for all costs incurred by Skyworks (or its subcontractors) related to such non-conformance.

The Supplier should review and proactively send Advance PCN (APCN) every 6 months. It should be sent on the first week of October of the current year (first half of fiscal year) and next on the first week of April of the following year (second half of the fiscal year).

5.14.2. Waivers or Alerts

Delivery of products to Skyworks not meeting supplier's internal manufacturing specifications for measurements as identified on the control plan, acceptance criteria, outlier limits, Maverick limits or Skyworks specifications should be prevented.

Supplier to review suspect non-conforming material or product through a cross functional Material Review Board (MRB) to determine acceptability of shipping material to Skyworks. **No material found to be non-conforming should ever be shipped to Skyworks.**

Suppliers shall generate a waiver request to the Skyworks' Supplier Quality Engineer specifying nature of the deviation, associated, MRB data and why the supplier believes the deviation will not impact Skyworks' product performance, quality, safety, reliability, or yield.

For deviations detected after material/product has already been shipped to Skyworks, the generation of an Alert is required. This applies to all deviations, even if the initial assessment is that such a deviation may not impact conformity (specs).

Supplier may generate a waiver or an alert request in accordance with **Form SQ04-0070 Skyworks Notification Form**.

5.15. Second Party Audits

Second Party Audits can be conducted on site or remotely at the direction of Skyworks. Suppliers must ensure access to virtual auditing tools when needed to facility Remote Audits Requests.

Skyworks audit types can be but not limited to Process Audits, Product Audits, Quality Systems Audits, etc. The Lead Auditor will define the type, scope, dates, and agenda of the Audit.

Audits shall be performed, recorded, and tracked in accordance with **SQ03-0218 Supplier Audit Protocol** and the Supplier must close all Action Items identified during the Audit in less than 90 days.

Skyworks is using VDA 6.3 as a tool for the process audits and the checklist is documented in **SQ04-0338 – VDA6.3 Checklist**.



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5.16. Cyber Attack Response Plan

In the event of an incident involving Skyworks data or systems, the Supplier shall perform the following steps:

1. Gather and provide the following information noted in the table below:

Information	Description
Timing of Incident	Date of the incident or date it was first discovered
Type of Incident	DDoS, ransomware, malware, unauthorized access or disclosure, data exfiltration, etc.;
Nature of incident	Description of the incident and how it relates to Skyworks. If data has been exfiltrated, please provide details on the type of data that was exposed and how it occurred.
Source of incident information	Source of the incident. Was it reported by a user, through another third party or sub-provider, an audit/assessment, etc.
Investigation details	Actions taken to confirm potential scope and impact of the incident
Remediation Activities	Mitigation activities to reduce the effects from the incident. What action has the supplier taken to contain and remediate the incident? Has the vendor engaged a 3rd party? Involved law enforcement or informed regulatory authorities?
Impact Analysis	Process used to determine that Skyworks information resources (data/ systems) were affected? Please provide audit logs as it relates to Skyworks data.

2. Notify Skyworks of the incident within 48 hours of discovery by emailing cybersecurity@skyworksinc.com and providing the above information to Skyworks.
3. Reach out to your Sourcing Contact to schedule a call with Skyworks' Cybersecurity department to provide further details on the incident and determine next steps.
4. Based on the nature and severity of the incident, Skyworks may implement risk mitigation activities that may include:
 - Revoking all supplier access to all Skyworks' systems and resources.
 - Isolating network access or disabling certain services.
 - Shifting to an alternate supplier.
 - Activating Skyworks' business continuity plan.

6. Associated Documents

Access to generic Skyworks documentation is provided via our [Supplier Web Site](#). Access to product related documents is enabled through SkyDocs (for chemical suppliers ONLY) or Agile system (for all other suppliers) with Login required.

Applicable to ALL suppliers:

Document Number	Document Title
SQ03-0132	Green Procurement Supplier Specification
SQ03-0138	Supplier Qualification and Monitoring
SQ03-0268	Using SkyDocs System by External Partners
SQ03-0337	Skyworks Supplier Sustainability Specification
SQ03-0353	Component Supplier Reliability Requirements
SQ03-0159	Drill Deep and Wide
SQ03-0393	Supplier Product / Process Change, Waiver and Supplier Alert Notification Requirements
SQ03-0472	Supplier Production Part Approval Process
SQ04-0005	Supplier Survey and Audit Questionnaire
SQ04-0019	General Terms and Conditions
SQ04-0099	Process FMEA Template
SQ04-0070	Skyworks Notification Form
SQ03-0467	Skyworks General Manufacturing Requirements for SMT Placed Components
SQ03-0590	Supplier Event Notification
SQ04-0092	Drill Deep / Read Across Worksheet
SQ03-0037	Supplier Development Review
SQ03-0218	Supplier Audit Protocol
SQ04-0338	VDA 6.3 Checklist
SQ04-0372	Supplier 8D

Applicable to Foundries and Assembly suppliers:

Document Number	Document Title
SQ03-0038	Wafer Acceptance Criteria GaAs (pHEMT and HBT) and Silicon CMOS Wafers
SQ03-0314	Silicon Diode Wafer Acceptance Criteria for Sub-Cons Silicon Diode Wafers



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Applicable to Probe and Test suppliers:

Document Number	Document Title
SQ03-0050	Test Transfer Correlation Procedure
SQ03-0120	Skyworks Labeling Requirements
SQ03-0379	Wafer Labeling Requirement

Applicable to Fab suppliers:

Document Number	Document Title
SQ03-0679	SQM eCoA Supplier Training

National and International Standards Referenced in this document and applicable to all suppliers

Document Number	Document Title
ANSI/ESD S.20.20	Development of an Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment.
IATF 16949	Quality Management System Standard for the Automotive industry
APQP	AIAG Advanced Product Quality Planning and Control Plan Manual
FMEA	AIAG Failure Mode Effects Analysis Manual
ISO 9001	Quality Management Systems – Requirements
ISO/IEC 17025	General Requirements for the Competence of Testing and Calibration Laboratories
JESD-50	Special Requirements for Maverick Product Elimination
MSA	AIAG Measurement Systems Analysis Manual
PPAP	AIAG Production Part Approval Process Manual

7. Reason for Change

<i>Number shall match Doc Header</i>	<i>When was the change promoted?</i>	<i>Who is promoting the change?</i>	<i>Describe the change made to this document</i>	<i>Explain what triggered the change</i>	<i>Identify positive or negative consequences to the organization</i>	<i>How do you plan to deploy this change and what will be the impact to associated documents?</i>	<i>What group will be responsible to execute this change?</i>
Revision	Date	Initiator	Change Description	Change Purpose	Potential Consequences	Deployment Strategy	Impacted Function
43	2/01/2023	Monica Morales Daniel Murphy Jason Engel Ramon Santiesteban-Flores	Associated documents list review and updated. Section 5.13 updated to include Skyworks-owned measurement equipment calibration requirements Section 5.10.1 updated to include calibration date and next due date for Measurement Standard. Section 5.9.1 updated to include 3rd Party Certificates needs to be provided to Skyworks as part of the supplier survey and a note added as part of ISO / IEC 17025 Section 5.9.11.1 added to ensure auditor competence requirements are met.	Updates needed for clarification	Improve communication of the requirements	QSI Distribution and Supplier notification through Skyworks supplier portal on Webpage	Supplier Quality and Quality Systems
44	3/20/23	Monica Morales	New Word document template applied to document. Added SQ03-0679 as a reference document. Section 5.14.1 Updated with Advance PCN requirement. Introduced usage of the word durability and included it under the definitions table.	Process Update	Communication of the requirements	QSI Distribution and Supplier notification through Skyworks supplier portal on Webpage	Supplier Quality and Quality Systems