

November 13, 2017

Keysight Technologies Counterfeit Parts Prevention Program Overview

Keysight Technologies, Inc. shares our customers' concerns regarding counterfeit parts affecting Keysight's products. Keysight has a company-wide Counterfeit Electronic Parts Avoidance and Response System in place, "Keysight Counterfeit Materials Management Program," which includes policies and processes to actively avoid and mitigate the potential impact of counterfeit parts. These policies apply to Keysight direct purchases, as well as those made by Contract Manufacturers and OEM suppliers of subassemblies, subsystems and instruments. The processes and policies include:

- Established procurement protocol in which electronic component purchases may only be made through approved OEMs or OEM authorized distributors.
- Contract manufacturers performing work for Keysight are only authorized to purchase from the approved OEM or OEM authorized component distributors.
- In the event of material shortages, alternate suppliers may be explored with the following conditions:
 - All purchases by Keysight or its agents must follow Keysight's Counterfeit Parts Avoidance Process (Document # PROC-11-S001).
 - Purchases are strictly limited to Keysight's approved independent distributors as prescribed in policy above.
 - Keysight's approved independent distributors are responsible for performing parts validation prescribed by Keysight's Counterfeit Parts Avoidance Process.
 - Keysight reviews all test results to confirm validity of testing (electrical, x-ray examination, visual inspection, inspection for remarking or resurfacing, destructive physical analysis) and viability of alternate part.
 - In the event of questions regarding part validity, Keysight contacts the OEM to validate or refute findings.
 - Evaluation of proposed parts at the product (instrument) level may be performed, as deemed necessary by production engineering.
 - Keysight is an active member of GIDEP and monitors the database for potential risks.
- If a breach of our control mechanisms is detected, Keysight has established processes for rapid response and correction.
 - Senior level incident owner is assigned within 24-48 hours to assure all protocols are followed and to keep management informed of status through issue closure.
 - Containment plan automatically goes into effect, and inventories of suspect components and any higher level assemblies are identified and contained.
 - Serial number ranges of potentially impacted assets are identified.
 - Risk assessment is performed to determine the threat severity.



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- Keysight follows a formal Product Quality Event process to communicate and work with customers based on findings.
- Keysight maintains evaluation capability internally, especially with respect to electrical evaluation. Destructive and non-destructive inspection, such as decapsulizing, SEM and x-ray evaluation is performed in our manufacturing facilities.

Keysight's Counterfeit Materials Management Program complies with DFAR 252.246-7007 "Contractor Counterfeit Electronic Part Detection and Avoidance System." This program applies to all Keysight manufacturing, service and repair areas except in the support of equipment beyond its stated support life and non-Keysight manufactured equipment. This program flows down through Keysight's supply chain and is governed underneath Keysight's Procurement Policy and Compliance Organization.

Should you have further questions please contact [Todd Harmon](#).