



Skyworks Quality Standards for Automotive Customers

Quality Systems

Skyworks Solutions Inc., Headquartered in Woburn Massachusetts USA, has multiple design and Sales locations located around the globe and has manufacturing plants located in Woburn MA, Newbury Park California, Mexicali Mexico, Osaka Japan, Yongin Korea and Singapore.

Skyworks has aggressively deployed comprehensive business systems throughout the entire organization. They are based on the philosophy that these should be self-managing and self-correcting. The Plan-Do-Check-Act cycle is emphasized from end to end.

Skyworks has adopted the following advanced quality tools:

- Failure Mode Effects Analysis (FMEA) developed during design and manufacturing
- Measurement systems analysis (Gage R&R) performed on all test and measurement equipment
- Process control plans used during pre-launch and manufacturing
- Production Part Approval Process (PPAP)
- Continuous process stability and capability monitoring

All Skyworks external manufacturing partners are certified to either the ISO 9001 or IATF 16949 quality standards.

Reliability

All Skyworks devices undergo rigorous qualification testing in accordance with reliability requirements established by the Joint Electron Device Engineering Council (JEDEC). JEDEC qualification tests ensure that Skyworks devices meet or exceed these reliability standards. Certain products are also qualified to the AEC-Q100, Q101 or Q104 standards.

Note: For a list of products that have already been qualified to the AEC-Q100, Q101 or Q104 standards, please contact your Skyworks sales representative. For more information on our reliability qualification and monitoring programs, please visit our website. For information on JEDEC qualification standards, refer to the JEDEC website. For more information on AEC qualification, refer to the AEC website.

* Not all stresses listed within AEC Q101 are performed. Qualification reports are available upon request.