

ISO 9000 Program

Introduction

Lattice Semiconductor Corporation (LSC) is the first major PLD manufacturer to complete ISO 9000 registration. LSC Quality Systems have been certified, and the company is registered to the ISO 9000 standard. LSC certification is for ISO 9001, the most comprehensive of the various ISO 9000 levels, covering the design, manufacturing, sales, and service functions.

ISO 9000 Certification

Certification to the ISO 9000 standard provides a recognized and standardized basis for the continued development of the quality and reliability of LSC products. This certification assures LSC's customers that its Quality Systems are well organized and embody a "Quality First" philosophy. It also reaffirms LSC's promise to provide its customers with the highest quality and most reliable products in the industry.

What is ISO 9000?

The ISO 9000 series is an international version of British Standard BS 5750, intended to define the quality man-

agement systems for a wide range of an organization's activities. The standard was initiated by the British Standards Institution, which over the last 80 years has certified over 9,000 Quality Systems. Today, both the CEN (European Committee for Standardization), which is commissioned to coordinate quality standards in Europe and remove potential trade restrictions within and outside the European Community, and the USA Standard ANSI/ASQC have adopted the ISO 9000 series.

Four quality standards make up the ISO 9000 series: ISO 9004, ISO 9003, ISO 9002, and ISO 9001. ISO 9004 is an informational document containing guidelines for Quality Management and Quality Systems. ISO 9003 guarantees quality in a product's final testing and inspection. ISO 9002 confirms quality in the production and installation of a product. ISO 9001 assures quality in a product's design, development, production, and installation. ISO 9001 is composed of 20 system sections, including the ISO 9002 and ISO 9003 subsets. Lattice Semiconductor is certified to the most comprehensive quality standard of the series, ISO 9001, and registered with the American Society for Quality Control's Registration Accreditation Board.



Lattice Semiconductor: First PLD Supplier to Achieve ISO 9000 Certification



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