



DEFENSE LOGISTICS AGENCY  
LAND AND MARITIME  
POST OFFICE BOX 3990  
COLUMBUS, OH 43218-3990

March 21, 2024

Mr. Lynn Hayden  
Chief Executive Officer  
Triad Semiconductor  
1760 Jonestown Rd.  
Winston-Salem NC 27103

Dear Mr. Hayden:

Re: Full Certification Class Q with Radiation Hardness for MIL-PRF-38535; FSC 5962;  
VQC-24-038525; Grammens.

Triad Semiconductor has demonstrated to the DLA Land and Maritime that it complies with MIL-PRF-38535, the performance specification used by the Department of Defense for monolithic integrated circuits that operate in severe environments.

This certification is granted to Triad Semiconductor effective immediately, to reflect the current certification status of your facilities as documented on the QM Plan, MAN-002 rev A.

Triad Semiconductor will be pursuing QML qualification and manufactured/ supplied QML-38535 certified/qualified devices using the certified technology design and process flows as listed in this letter and in accordance with MIL-PRF-38535. This will allow Triad Semiconductor to mark parts with "Q" or "QML". These designators have been authorized by the Department of Defense for parts that have been produced to a QML specification, (i.e., one which allows less government oversight), the use of world-wide commercial production lines, reduced finished product testing based on statistical process controls (SPC), and other cost advantages.

Testing must be performed using the facilities and methods listed in the Laboratory Suitability letter DLA Land and Maritime-VQC-24-038527, or at facilities approved by the Triad Semiconductor Technical Review Board and the DLA Qualifying Activity (QA) using its MIL-PRF-38535 Quality Management Program Plan.

This certification is subject to the conditions in DoD 4120.24-M, Defense Standardization Program and SD-6.

Any and all of the facilities mentioned on the enclosure are subject to an audit by the Qualifying Activity, at any time. Offshore facilities are subject to all of the conditions of MIL-PRF-38535. The QML manufacturer is responsible to arrange for the qualifying activity to gain access to all applicable manufacturing facilities to preform site assessments to MIL-PRF-38535 requirements.