



**DEFENSE LOGISTICS AGENCY**  
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IN REPLY  
REFER TO

DSCC-VQH-07-13635/Mr. Buben/614-692-0592/jb)

**JUN 12 2007**

**SUBJECT: Approval of Radiation Hardness Assurance (RHA) Program, Hybrid Microcircuits, MIL-PRF-38534, FSC 5962**

Mr. Ron Bradshaw  
 Quality Manager  
 Crane Interpoint  
 10301 Willows Road  
 Redmond, WA 98052

COORDINATION		
Symbol	Name	Date
VQH	<i>J. Buben</i>	<i>6/7/07</i>
VQH	<i>JG</i>	<i>6/11/07</i>

Dear Mr. Bradshaw:

Approval of your Radiation Hardness Assurance Plan, ENG-017, to Appendix G of MIL-PRF-38534 is granted based upon review and approval from DSCC, RHA experts from NASA and the Air Force.

This is also based on review and approval of your supporting documents, reports, and our December, 2005 audit of your facility. Additionally, this approval is based upon your system of testing each wafer lot of active die for Total Ionizing Radiation Dose (TID) or assuring each die type is inherently TID radiation tolerant, and that hybrid qualification testing is performed for proof of design.

This approval is limited to TID testing per Test Method 1019 of MIL-STD-883, and dose rates specified by the Standardized Microcircuit Drawings (SMDs) or others and as required by customer drawings or contracts. Dose rate applications under 50 rad(Si)/s shall be evaluated for Extreme Low Dose Rate Susceptibility (ELDRS) per ¶ 3.13 of Test Method 1019 of MIL-STD-883, unless excepted by the Standardized Microcircuit Drawing (SMD). Parts other than SMDs are excluded from this approval. Any new SMDs with RHA requirements require coordination with the Qualifying Activity, (DSCC VQH).

Because we are held responsible for the accuracy and currency of the QML and your certification regarding RHA, you are required to advise us of changes made to your RHA program or RHA program manager.

DSCC laboratory suitability should be achieved for the RHA test methods.

If you have any questions, please contact Mr. Buben at (614) 692-0592.

Sincerely,

JOSEPH GEMPERLINE  
 Chief  
 Hybrid Devices Team

*Interpoint RAA-A*