



DEFENSE LOGISTICS AGENCY
DEFENSE SUPPLY CENTER, COLUMBUS
POST OFFICE BOX 3990
COLUMBUS, OH 43218-5000

IN REPLY
REFER TO

DSCC-VQC-08-015600/Mr. Grammens/614-692-0604/mpg

April 24, 2008

SUBJECT: GIDEP Action Notice of Lead Free Lead Finishes on MIL Parts, Action Item Regarding GIDEP Notification of Incorrect "C" Compliance Marking, FSC 5962, MIL-PRF-38535

Mr. Richard Oshiro
Cypress Semiconductor
3901 North First Street
San Jose CA 95134-1599

Dear Mr. Oshiro:

Based on GIDEP Product Change notice M9-C-08-013 (enclosure 1) relating conversion of processes to lead free, DSCC wishes Cypress to take note of paragraph A.3.5.6.3 (see below) of MIL-PRF-38535 that mandates mil compliant solder to be a minimum of 3% lead by weight. Therefore the SMD parts identified in the GIDEP (5962-9311201MXA, 5962-9452201MXA) and all other parts affected by this action must be reviewed against this criteria and corrective action initiated. Please be advised that this type of change would require an allowance in MIL-PRF-38535 for alternate solder types, changes to the SMD and a DSCC-VQ approval. To date there has been no allowance or specific designators assigned for lead free solders in military products.

In addition, DSCC has also noted that GIDEP PCN regarding the "C" compliance marking, dated 5 December 2007 has not yet been published on the GIDEP web site. Please initiate corrective actions.

A.3.5.6.3 Microcircuit finishes. Finishes of all external leads or terminals and all external metal package elements shall conform to either [A.3.5.6.3.2](#) or [A.3.5.6.3.3](#), as applicable. The use of pure tin, as an underplate or final finish, is prohibited both internally and externally. ***The tin content of solder shall not exceed 97 percent. Tin shall be alloyed with a minimum of 3 percent lead by weight. The lead finish designator*** (see [A.3.6.2.7](#)) shall apply to the finish of the leads or terminals.....

Corrective Actions to resolve this issue must be completed and reported to DSCC within 14 days from the dated of this letter.

Sincerely,

/signed/

Michael S. Adams
Chief
Custom Devices Team

Cypress (Walt Anderson)