



# PRODUCT CHANGE NOTIFICATION

Pre-Notification       Final Notification

**PCN Number:**

PCN20081112A

**Micropac Part Number / Description:**

53126 - Power MOSFET Optocoupler

**Description of Change:**

Electrical Specifications       Physical Dimensions       Test Method

Turn-off time changed from 0.3 mSec to 0.6 mSec.

Height for Case Y changed from 0.105 inches typical to 0.125 inches maximum.

Height for Case X changed from 0.135 inches typical to 0.150 inches maximum.

**Reason For Change:**

Electrical specification changed to match performance of radiation hardened power MOSFET

Dimensional changes allow use of improved package resulting in increased robustness during internal processing and reduces Gross Leak failures observed during internal screening.

**Change Effectivity:**

Specification change with date code 0841.

Package introduction with date code 0910.

**Qualification Plan & Results:**

MIL-PRF-38534, Class K production screening successfully completed. MIL-PRF-38534, Class K QCI qualification to be performed with an estimated completion date of June 2009.

**Micropac Contact:**

Jim Keathly, Microcircuits Division QA Manager

**PCN Date:**

13 November 2008