



PCN# : P451A
Issue Date : Jun. 11, 2014

DESIGN/PROCESS CHANGE NOTIFICATION

This is to inform you that a change is being made to the following products.

This is a minor change that has no impact on product quality, reliability, electrical or mechanical performance. Affected products will remain fully compliant to all published specifications. Notification is being made for informational purposes only and there is no approval required. Products incorporating this change may be shipped interchangeably with existing unchanged products.

Please contact your local Customer Quality Engineer if you have any questions regarding this notification. Alternatively, you may send an email request for information to PCNSupport@fairchildsemi.com.

Implementation of change:

Expected First Shipment Date for Changed Product : May. 13, 2014

Expected First Date Code of Changed Product :1307

Description of Change (From) :

Datasheet specifications of the absolute maximum ratings for:

1. Continuous forward current, I_F of 60mA,
2. Forward current–peak $I_{F(pk)}$ of 3.0A,
3. LED Power Dissipation, P_D of 120mW.

Description of Change (To) :

Datasheet specifications of the absolute maximum ratings for:

1. Continuous forward current, I_F of 30mA,
2. Forward current–peak $I_{F(pk)}$ of 100mA,
3. LED Power Dissipation, P_D of 60mW.

Reason for Change:

There has been an undetected parametric shift, as a result of the 6" to 8" wafer conversion in 2012 (PCN P229A, issued on 23rd March 2012). This shift entails the realignment of the above datasheet specifications to the current 8" wafer device performance. Other than these 3 parameters, there is no impact on product quality, reliability, electrical, visual or mechanical performance.

Affected Product(s): Please refer to the list of affected products in the addendum attached in the PCN email you received. This list is based on an analysis of your company's procurement history.