



PCN# : P683AAB
Issue Date : Aug. 18, 2016

Information Only 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 on or after the issue date of this notification.

Please contact your local Customer Quality Engineer if you have any questions regarding this notification.

Implementation of change:

Description of Change (From) :

1. No EAS parameter listed (page 1)
2. No Note 3 (page 2)
2. Dynamic Characteristics: No RG parameter

Description of Change (To) :

1. Absolute Maximum Ratings: Added EAS parameter (page 1)
 - EAS Single Pulse Avalanche Energy (Note 3) 37 mJ
2. Added Note 3 for EAS conditions (page 2)
 - Note 3: EAS of 37 mJ is based on starting $T_J = 25\text{ }^\circ\text{C}$; N-ch: $L = 3\text{ mH}$, $I_{AS} = 5\text{ A}$, $V_{DD} = 100\text{ V}$, $V_{GS} = 10\text{ V}$. 100% test at $L = 0.3\text{ mH}$, $I_{AS} = 11\text{ A}$.
3. Dynamic Characteristics: Add RG (Gate resistance) parameter (page 2)
 - Rg Gate Resistance Min: 0.1 Typ:1.4 Max: 3.0

Reason for Change:

This is a datasheet change only.

EAS Parameter (for UIL (Unclamped Inductive Loading)) rating and test condition was added in datasheet to implement screen testing.

Affected Product(s):

FDC3612	FDC3612_F154	FDC3612_F161
FDC3612_T		

Appendix A: Changed Products

PCN Number : P683AAB

Customer Name :

Product	Customer Part Number	BBB	Drawing
FDC3612		Y	N