



PCN# : P5BJAAB
Issue Date : Dec. 02, 2015

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) :

Electrical Characteristics of the Diode at page 3

(See attached image of current section and typical values)

Electrical Characteristics of the Diode T_C = 25°C unless otherwise noted

Symbol	Parameter	Test Conditions		Min.	Typ.	Max	Unit
V _{FM}	Diode Forward Voltage	I _F = 75 A	T _C = 25°C	-	1.7	2.1	V
			T _C = 175°C	-	1.31	-	
E _{rec}	Reverse Recovery Energy	I _F = 75 A, dI _F /dt = 200 A/μs	T _C = 175°C	-	118	-	uJ
t _{rr}	Diode Reverse Recovery Time		T _C = 25°C	-	72.4	-	ns
			T _C = 175°C	-	236	-	
Q _{rr}	Diode Reverse Recovery Charge		T _C = 25°C	-	275	-	nC
			T _C = 175°C	-	2314	-	

Description of Change (To) :

Electrical Characteristics of the Diode at page 3

(See attached image of new typical values for this section)

Electrical Characteristics of the Diode T_C = 25°C unless otherwise noted

Symbol	Parameter	Test Conditions		Min.	Typ.	Max	Unit
V _{FM}	Diode Forward Voltage	I _F = 75 A	T _C = 25°C	-	1.8	2.1	V
			T _C = 175°C	-	1.7	-	
E _{rec}	Reverse Recovery Energy	I _F =75 A, dI _F /dt = 200 A/μs	T _C = 175°C	-	160	-	μJ
t _{rr}	Diode Reverse Recovery Time		T _C = 25°C	-	76	-	ns
			T _C = 175°C	-	270	-	
Q _{rr}	Diode Reverse Recovery Charge		T _C = 25°C	-	206	-	nC
			T _C = 175°C	-	2199	-	

Reason for Change:
Datasheet change only.

Correcting the Electrical Characteristics of Diode limits based on data and alignment with sister device
FGH75T65SHDTL4

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 companys procurement history.