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) :
 Drain-Source Characteristics: (page 2)
1. Reverse Recovery Time, Trr Limits (di/dt=300A/us)   typ=63   max=101
   Reverse Recovery Charge, Qrr Limits (di/dt=300A/us) typ=200   max=320

2. Reverse Recovery Time, Trr Limits (di/dt=1000A/us)   typ=100   max=160
   Reverse Recovery Charge Qrr Limits (di/dt=1000A/us)   typ=852   max=1363

t_{rr}	Reverse Recovery Time	I_F = 20 A, di/dt = 300 A/µs		63	101	ns
Q_{rr}	Reverse Recovery Charge			200	320	nC
t_{rr}	Reverse Recovery Time	I_F = 20 A, di/dt = 1000 A/µs		100	160	ns
Q_{rr}	Reverse Recovery Charge			852	1363	nC

Description of Change (To) :
 Drain-Source Characteristics: (page 2)
1. Reverse Recovery Time, Trr Limits (di/dt=300A/us)   typ=32   max=52
   Reverse Recovery Charge, Qrr Limits (di/dt=300A/us) typ=57   max=92

2. Reverse Recovery Time, Trr Limits (di/dt=1000A/us)   typ=25   max=40
   Reverse Recovery Charge Qrr Limits (di/dt=1000A/us)   typ=158   max=253

t_{rr}	Reverse Recovery Time	I_F = 20 A, di/dt = 300 A/µs		32	52	ns
Q_{rr}	Reverse Recovery Charge			57	92	nC
t_{rr}	Reverse Recovery Time	I_F = 20 A, di/dt = 1000 A/µs		25	40	ns
Q_{rr}	Reverse Recovery Charge			158	253	nC

Reason for Change:
This is a Datasheet change only.

Updated values for Trr/Qrr based on optimized test method

Affected Product(s):

FDMS86181		