

FORECAST CHANGE NOTIFICATION

This is to inform you that a design and/or process change will be made to the following product(s). This notification is for your information and concurrence. This is a preliminary notification. A Final PCN will be issued when qualification is complete and data is available.

If you require data or samples to qualify this change, please contact **Fairchild Semiconductor within 30 days of receipt of this notification.**

If you have any questions concerning this change, please contact:

Technical Contact:  
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PCN Originator:  
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Implementation of change:  
 Expected 1st Device Shipment Date: 2007/12/06

Earliest Year/Work Week of Changed Product: 0749

Change Type Description: Fab Process Change

Description of Change (From): FDSS2407, FDSS2407\_SB82086, FDSS2407\_SB82097 devices manufactured with No Passivation.

Description of Change (To): FDSS2407, FDSS2407\_SB82086, FDSS2407\_SB82097 devices manufactured with Nitride Passivation.

Reason for Change : To address customer returns due to metal particle issues in the mold compound in Drain-Source metal gap.

Qual/REL Plan Numbers : Q20070361

Qualification :

76405 with Nitride Deposition Qual (FDSS2407).

Qualification Stress Test and Sample Size Detail

Device #1	FDSS2407
Package:	-1
#Leads:	-1

Precondition Description:

				Read-points	Sample		
Stress	P/C	Standard	Conditions		A	B	C
PCNL1A		JESD22-A113			0	0	0

Environment Stress Detail:

Stress	P/C	Standard	Conditions	Readpoints			Samples		
				TP1	TP2	TP3	A	B	C
ACLV	X	JESD22-A102	100%RH, 121C	96			77	77	77
H3TRB	X	JESD22-A101B	85%RH, 130C, 43V	168	500	1000	77	77	77
HTGB		JESD22-A108	150C, 20V	168	500	1000	77	77	77
HTRB		JESD22-A108	150C, 49.6V	168	500	1000	77	77	77
PRCL	X	MIL-STD-750-1036	Delta 100CC, 2 Min cycle	5000	10000	15000	77	77	77
TMCL1	X	JESD22-A104	-55C, 150C	500	1000		77	77	77

Product Id Description : This change will affect certain automotive products assembled in SO8 package. Please refer to the Affected FSIDs section to identify the concerned products.

Affected FSIDs :

FDSS2407	FDSS2407_SB82086	FDSS2407_SB82097
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