

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:

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 Phone:

PCN Originator:
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 E-mail: Sangseop.Kim@fairchildsemi.com
 Phone:

Implementation of change:
 Expected 1st Device Shipment Date: 2008/01/22

Earliest Year/Work Week of Changed Product: 804

Change Type Description: Passivation Material

Description of Change (From): passivation layer without Polyimide coating

Description of Change (To): Polyimide coating will be added on the passivation layer

Reason for Change : Polyimide coating is added to reduce the potential for electrical performance shift due to surface ionic charge.

Qual/REL Plan Numbers : Q20070388

Qualification :

To evaluate Qual. regarding the addition of Polyimide coating.

Qualification Stress Test and Sample Size Detail

Device #1	FSDH321
Package:	DIP8
#Leads:	0008

Environment Stress Detail:

Stress	P/C	Standard	Conditions	Readpoints			Samples
				TP1	TP2	TP3	
ACLV		JESD22-A102	100%RH, 121C	96			77
GATE+		AEC-Q100-006	150C, 2000V	1			10
GATE-		AEC-Q100-006	150C, -2000V	1			10

HTOL			125C	168	500	1000	77
HTRB		JESD22-A108	150C, 520V	168	500	1000	77
HTSL		JESD22-A103	150C	168	500	1000	77
THBT		JESD22-A101	85%RH, 85C, 11V	168	500	1000	77
TMCL1		JESD22-A104	-65C, 150C	200	500		77

Product Id Description :

Affected FSIDs :

FSDH0170RNB	FSDH0265RL	FSDH0265RLD
FSDH0265RLDX	FSDH0265RLDX_NL	FSDH0265RLD_NL
FSDH0265RLX	FSDH0265RLX_SB82109	FSDH0265RL_NL
FSDH0265RN	FSDH0265RN_NL	FSDH0270RNB
FSDH0370RNB	FSDH321	FSDH321B
FSDH321L	FSDH321LX	FSDH321LX_NL
FSDH321Z	FSDH321Z_NL	FSDL0165RL
FSDL0165RL_NL	FSDL0165RN	FSDL0365RL
FSDL0365RL_NL	FSDL0365RNB	FSDL321
FSDL321L	FSDL321L_NL	FSDL321_NL
FSDM0265RL	FSDM0265RL_NL	FSDM0265RNB
FSDM0265RNB_NL	FSDM0265RNC	FSDM0265RNC_NL
FSDM0265RN_NL	FSDM0365RL	FSDM0365RLX
FSDM0365RL_NL	FSDM0365RN	FSDM0365RNB
FSDM0365RNC	FSDM0365RN_NL	FSQ0170RNA
FSQ0270RNA	FSQ0370RNA	