

Date Created : 2007/10/11
Date Issued On : 2007/10/22
PCN# : Q4074106

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:

Name: Frost, Steve
E-mail: Steve.Frost@fairchildsemi.com
Phone: (207) 775-8637

Implementation of change:

Expected 1st Device Shipment Date: 2008/01/24

Earliest Year/Work Week of Changed Product: 0804

Change Type Description: Wafer Diameter

Description of Change (From): Switch products currently manufactured using Fairchild's 6-inch, class 1, fab process in South Portland, ME.

Description of Change (To): Switch product will now be produced on both 6 inch and 8-inch wafer Diameters. Manufacturing will occur in the same 6-inch Class-1 fab currently producing these products. In some cases, new 8 inch equipment will be added to accommodate the 6 to 8 inch processing conversion. Die size, design, geometry, or layout of the affected products remains un-changed. 8-inch products will be fully compliant to all published data sheet specifications and will be completely interchangeable with current 6-inch product. Quality and reliability will remain at the highest standards already demonstrated with Fairchild's existing products.

Reason for Change : Fairchild Semiconductor is adding 8 inch wafer capacity for processing existing switch products currently manufactured using Fairchild's 6-inch, class 1, fab process in South Portland, ME.

Qual/REL Plan Numbers : Q20070399

Qualification :

To qualify the 8 Inch FS35C32B process in South Portland for the switch product family
Qualification Stress Test and Sample Size Detail

Device #1	FSA2267AL10X
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Package:	NMAC0
#Leads:	010

Precondition Description:

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

Environment Stress Detail:

				Readpoints			Samples		
Stress	P/C	Standard	Conditions	TP1	TP2	TP3	A	B	C
ACLV	X	JESD22-A102	100%RH, 121C	96			77	77	77
HAST1	X	JESD22-A110	85%RH, 130C, 0V	96			45	45	45
HTSL		JESD22-A103	150C	168	1000		77	77	77
SOPL1	X	JESD22-A108	150C, 0V	168	500	1000	77	77	77
TMCL1	X	JESD22-A104	-65C, 150C	500			77	77	77

Device #2	FSA2268TUMX
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:

				Readpoints			Samples		
Stress	P/C	Standard	Conditions	TP1	TP2	TP3	A	B	C
ACLV	X	JESD22-A102	100%RH, 121C	96			77	77	77
HAST1	X	JESD22-A110	85%RH, 130C, 0V	96			45	45	45
HTSL		JESD22-A103	150C	168	1000		77	77	77
SOPL1	X	JESD22-A108	150C, 0V	168	500	1000	77	77	77
TMCL1	X	JESD22-A104	-65C, 150C	500			77	77	77

Product Id Description : Fairchild Semiconductor Switch Products

Affected FSIDs :

FSA2156L6X	FSA2267AL10X	FSA2267L10X
FSA2268TUMX	FSA2268UMX	FSA2467MPX
FSA2567MPX	FSA5157L6X	FSHDMI04MTDX
FSSD06BQX	FSUSB30BQX	FSUSB30L10X
FSUSB30UMX	FSUSB31L8X	