

Date Created : 2008/04/01
Date Issued On : 2008/04/24
PCN# : Q3073113-B

DESIGN/PROCESS CHANGE NOTIFICATION -- FINAL

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.

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

Updated process quality documentation, such as FMEAs and Control Plans, are available for viewing upon request.

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

Technical Contact:

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PCN Originator:

Name: Lee, Woonbong
E-mail: Woonbong.Lee@notes.fairchildsemi.com
Phone: 82316801758

Implementation of change:

Expected 1st Device Shipment Date: 2008/05/25

Earliest Year/Work Week of Changed Product: 0822

Change Type Description: Alternate Assembly/Test Location/Qualification

Description of Change (From): TO126 currently assembled/tested at ASE_WH and Shantou Huashan Electronic, both in China.

Description of Change (To): AUK_Dalian in China is being added as an Alternate Assembly and Test manufacturing site for TO126. There is no difference in the Package Outline, Bill of materials and Process between the current and the new Alternate manufacturing site. All listed suppliers are ISO9001, ISO4001 and TS-16949 certified.

Reason for Change : Qualification of alternate manufacturing site to improve capacity flexibility in response to changing customer business demand as well as enable better management on delivery and cycle-time.

Qual/REL Plan Numbers : Q20080132

Qualification :

The qualification plan is intended to meet our criteria for qualifying an alternative assembly and test site and the overall quality and reliability of our products.

Results/Discussion

Test: (Autoclave)			
Lot	Device	96-HOURS	Failure Code
Q20080132AAACLV	KSB772YSTU	0/77	
Q20080132ABACLV	KSB772YSTU	0/77	

Q20080132BAACLV	KSE13003H1ASTU	0/77			
Test: (High Temperature Reverse Bias)					
Lot	Device	500-HOURS	Failure Code		
Q20080132AAHTRB	KSB772YSTU	0/77			
Q20080132ABHTRB	KSB772YSTU	0/77			
Q20080132BAHTRB	KSE13003H1ASTU	0/77			
Test: (Temperature Humidity Biased Test)					
Lot	Device	168-HOURS	500-HOURS	1000-HOURS	Failure Code
Q20080132AATHBT	KSB772YSTU	0/77			
			0/77		
				0/77	
Q20080132ABTHBT	KSB772YSTU	0/77			
			0/77		
				0/77	
Q20080132BATHBT	KSE13003H1ASTU	0/77			
			0/77		
				0/77	
Test: -65C, 150C (Temperature Cycle)					
Lot	Device	200-CYCLES	500-CYCLES	Failure Code	
Q20080132AATMCL1	KSB772YSTU	0/77			
Q20080132AATMCL1	KSB772YSTU		0/77		
Q20080132ABTMCL1	KSB772YSTU	0/77			
Q20080132ABTMCL1	KSB772YSTU		0/77		
Q20080132BATMCL1	KSE13003H1ASTU	0/77			
Q20080132BATMCL1	KSE13003H1ASTU		0/77		

Product Id Description : All devices packaged with TO126. The products affected by this change are listed below in the "Affected FSIDs" section.

Affected FSIDs :

2SA1381CSTU	2SA1381DSTU	2SA1381ESTU
2SA1381FSTU	2SC3503CSTU	2SC3503DSTU
2SC3503ESTU	2SC3503FSTU	BD13510S
BD13510STU	BD13516S	BD13516STU
BD1356S	BD1356STU	BD13610S
BD13610STU	BD13616S	BD13616STU
BD1366S	BD1366STU	BD13710S
BD13710STU	BD13716S	BD13716STU
BD1376S	BD1376STU	BD13810S
BD13810STU	BD13816S	BD13816STU
BD1386S	BD1386STU	BD13910S
BD13910STU	BD13916S	BD13916STU
BD1396S	BD1396STU	BD14010S
BD14010STU	BD14016S	BD14016STU
BD1406S	BD1406STU	BD157STU
BD158STU	BD159STU	BD17510STU
BD17516STU	BD1756STU	BD17610STU
BD1766STU	BD17810STU	BD17910STU
BD18010STU	BD233STU	BD234STU
BD235STU	BD236STU	BD237STU
BD238S	BD238STU	BD37510STU
BD37516STU	BD37525STU	BD3756STU
BD37610STU	BD37710STU	BD37716STU
BD37725STU	BD3776STU	BD37810STU
BD37910STU	BD37916STU	BD37925STU

BD3796STU	BD38010STU	BD433S
BD434S	BD434STU	BD435S
BD435STU	BD436S	BD436STU
BD437S	BD438S	BD438STU
BD439S	BD440S	BD441STU
BD442S	BD442STU	BD675AS
BD676AS	BD677AS	BD677ASTU
BD678AS	BD679AS	BD679ASTU
BD680AS	BD680ASTU	BD681S
BD681STU	BD682S	BD682STU
FJE3303H1TU	FJE3303H2	FJE3303H2TU
FJE5304D	FJE5304DTU	KSA1142OSTU
KSA1142YSTU	KSA1156OS	KSA1156OSTSTU
KSA1156OSTU	KSA1156YS	KSA1156YSTSTU
KSA1220AOS	KSA1220AYS	KSA1220AYSTSTU
KSA1220YSTU	KSA1381ES	KSA1381ESTSSTU
KSA1381ESTSTU	KSA1381ESTU	KSB1151YS
KSB1151YSTSSTU	KSB1151YSTSTU	KSB1151YSTU
KSB744AYSTU	KSB772OS	KSB772YS
KSB772YSTSSTU	KSB772YSTSTU	KSB772YSTU
KSC2258AS	KSC2258ASTU	KSC2258STU
KSC2682OS	KSC2682OSTU	KSC2682YS
KSC2682YSTU	KSC2688OS	KSC2688OSTU
KSC2688YS	KSC2688YSTSSTU	KSC2688YSTU
KSC2690AOS	KSC2690AOSTSTU	KSC2690AYS
KSC2690AYSTSTU	KSC2690AYSTU	KSC2690YSTU
KSC2752OS	KSC2752OSTU	KSC3502ES
KSC3502ESTU	KSC3503CS	KSC3503DS
KSC3503DSTSSTU	KSC3503DSTSTU	KSC3503DSTU
KSC3503ESTU	KSC5026MOS	KSC5042MSTU
KSD1691GS	KSD1691GSTU	KSD1691YS
KSD1691YSTSSTU	KSD1691YSTSTU	KSD1691YSTU
KSD1692YS	KSD794AYS	KSD794AYSTU
KSD794YSTU	KSD882OS	KSD882RS
KSD882YS	KSD882YSTSSTU	KSD882YSTSTU
KSD882YSTU	KSD985OSTU	KSD986OS
KSD986YS	KSD986YSTSSTU	KSE13003H1ASTU
KSE13003H2ASTU	KSE13003H3ASTU	KSE170S
KSE170STU	KSE171STU	KSE172STU
KSE180S	KSE181STU	KSE182STU
KSE200STSTU	KSE210STU	KSE340S
KSE340STSTU	KSE340STU	KSE350S
KSE350STU	KSE800S	KSE800STSSTU
KSE800STU	KSE801STU	KSE802STU
KSE803S	KSE803STU	MJE170STU
MJE171STU	MJE172STU	MJE180STU
MJE181STU	MJE182STU	MJE200STU
MJE200TSTU	MJE210STU	MJE340STU

MJE350STU	MJE800STU	MJE801STU
MJE802STU	MJE803STU	