

Date Created : 2007/09/17  
Date Issued On : 2007/10/09  
PCN# : Q3073802

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:

Name: LEE, SANGDO  
E-mail: SANGDO.LEE@fairchildsemi.com  
Phone: 86-512-6762-3311 ext 8671

PCN Originator:

Name: Sun, Brian  
E-mail: Brian.Sun@fairchildsemi.com  
Phone:

Implementation of change:

Expected 1st Device Shipment Date: 2007/11/24

Earliest Year/Work Week of Changed Product: 0747

Change Type Description: Lead Frame Dimensions (Internal and External)

Description of Change (From): Thicker heatsink and die attach pad.

Description of Change (To): Thinner heatsink and die attach pad (there is no change in heatsink and die attach pad material).

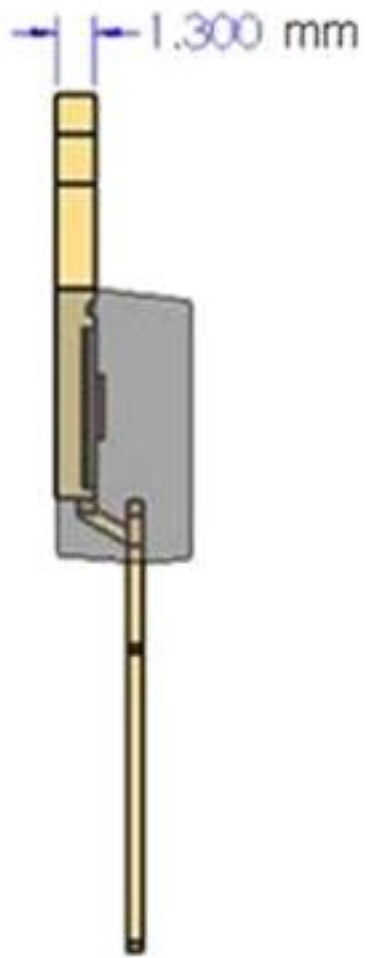
Reason for Change : Meet additional demand for various products in TO-220 package to improve our service to our customers.

Qual/REL Plan Numbers : Q20070208

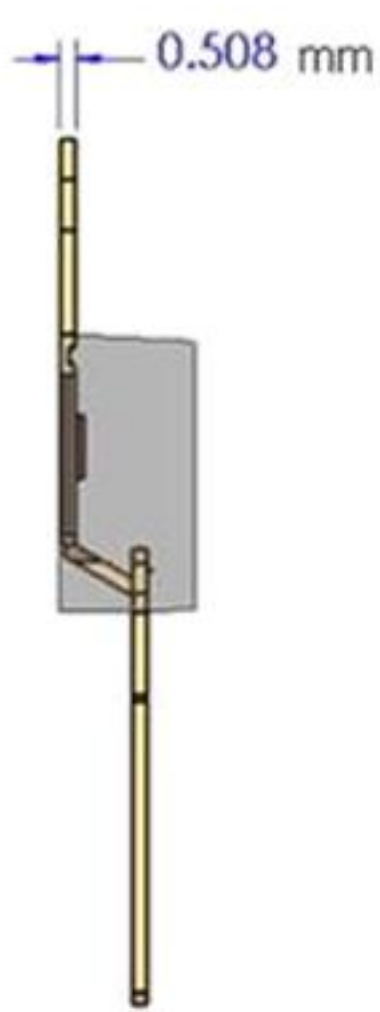
Qualification :

Designed to qualify TO220 package using thinner heatsink

Change From



Change To



Qualification Stress Test and Sample Size Detail

Device #1	FJP5027RTU_F080
Package:	-1
#Leads:	-1

Environment Stress Detail:

Stress	P/C	Standard	Conditions	Readpoints			Samples
				TP1	TP2	TP3	
ACLV		JESD22-A102	100%RH, 121C	96			77
HTRB		JESD22-A108	150C, 80%BVV	168	500	1000	77
THBT		JESD22-A101	85%RH, 85C, 80%BVV	168	500	1000	77
TMCL1		JESD22-A104	-65C, 150C	100	500		77

Device #2	KA350TU
Package:	
#Leads:	

Environment Stress Detail:

Stress	P/C	Standard	Conditions	Readpoints			Samples
				TP1	TP2	TP3	
ACLV		JESD22-A102	100%RH, 121C	96			77
HTSL		JESD22-A103	150C	168	500	1000	77
THBT		JESD22-A101	85%RH, 85C,	168	500	1000	77

			80%BVV				
TMCL1		JESD22-A104	-65C, 150C	100	500		77

Device #3	KSE13003TH2ATU
Package:	
#Leads:	

Environment Stress Detail:

Stress	P/C	Standard	Conditions	Readpoints			Samples
				TP1	TP2	TP3	
ACLV		JESD22-A102	100%RH, 121C	96			77
HTRB		JESD22-A108	150C, 80%BVV	168	500	1000	77
HTSL		JESD22-A103	150C	168	500	1000	77
THBT		JESD22-A101	85%RH, 85C, 80%BVV	168	500	1000	77
TMCL1		JESD22-A104	-65C, 150C	100	500		77

Device #4	KSE13009TU
Package:	
#Leads:	

Environment Stress Detail:

Stress	P/C	Standard	Conditions	Readpoints			Samples
				TP1	TP2	TP3	
ACLV		JESD22-A102	100%RH, 121C	96			77
HTRB		JESD22-A108	150C, 80%BVV	168	500	1000	77
THBT		JESD22-A101	85%RH, 85C, 80%BVV	168	500	1000	77
TMCL1		JESD22-A104	-65C, 150C	100	500		77

Device #5	MC78T12CT
Package:	
#Leads:	

Environment Stress Detail:

Stress	P/C	Standard	Conditions	Readpoints			Samples
				TP1	TP2	TP3	
ACLV		JESD22-A102	100%RH, 121C	96			77
HTSL		JESD22-A103	150C	168	500	1000	77
THBT		JESD22-A101	85%RH, 85C, 80%BVV	168	500	1000	77
TMCL1		JESD22-A104	-65C, 150C	100	500		77

Product Id Description :

Affected FSIDs :

BD239ATU	BD239BTU	BD239C
BD239CTU	BD239TU	BD240A
BD240B	BD240BTU	BD240CTU
BD240CTU_NL	BD240TU	BD241ATU
BD241BTU	BD241CTU	BD241TU
BD242ATU	BD242B	BD242C
BD242CTU	BD242TU	BD243A
BD243ATU	BD243B	BD243BTU

BD243C	BD243CTU	BD243TU
BD244A	BD244ATU	BD244B
BD244BTU	BD244C	BD244TU
BD533J	BD534J	BD534K
BD534KTU	BD535J	BD536J
BD537J	BD537K	BD537KTU
BD538J	BD538K	BD538KTU
BDW23ATU	BDW23BTU	BDW23CTU
BDW23TU	BDW24ATU	BDW24BTU
BDW24CTU	BDW24TU	BDW93
BDW93A	BDW93C	BDW93CTU
BDW93C_NL	BDW94	BDW94C
BDX33B	BDX33C	BDX33CTU
BDX34A	BDX34B	BDX34BTSTU
BDX34BTSTU_NL	BDX34BTU	BDX34C
BDX53ATU	BDX53BTU	BDX53C
BDX53CTU	BDX53CTU_NBDC004	BDX53C_NL
BDX53TU	BDX54ATU	BDX54BTU
BDX54C	BDX54CTU	BDX54TU
BU406	BU406TU	BU407
BU407HTU	BU407TU	BU408
BU806	BU807	BU807TU
BUT11	BUT11A	BUT11ATU
BUT11TU	BUT12A	BUT12ATU
BUT12TU	D44H10TU	D44H11TU
FJP13007H1TU	FJP13007H1TU_F080	FJP13007H2TU
FJP13007H2TU_F080	FJP13007TU	FJP13009
FJP13009H2TU	FJP13009H2TU_F080	FJP13009TU
FJP3305	FJP3305H1TU	FJP3305H2TU
FJP3305TU	FJP5027OTU	FJP5027RTU
FJP5027RTU_F080	FJP5027TU	FJP5304DTU
FJP5304DTU_F080	FJP5321TU	FJP5355TU
FJP5554	FJP5554TU	FJP5555TU
FJP5555TU_NL	FJP9100TU	KSA1010OTU
KSA1010RTU	KSA1010Y	KSA1010YTU
KSA614O	KSA614OTU	KSA614R
KSA614RTU	KSA614Y	KSA614YTSTU
KSA614YTU	KSA940	KSA940H1TU
KSA940H2	KSA940H2TU	KSA940TSTU
KSA940TU	KSB546O	KSB546Y
KSB546YTU	KSB596O	KSB596OTU
KSB596Y	KSB596YTU	KSB601OTU
KSB601Y	KSB601YTSTU	KSB601YTU
KSB601YTU_NL	KSB707OTU	KSB707RTU
KSB707YTU	KSB708OTU	KSB708RTU
KSB708YTU	KSB834O	KSB834Y
KSB834YTU	KSC1507O	KSC1507OTU
KSC1507R	KSC1507Y	KSC1507YTSTU
KSC1507YTU	KSC2073	KSC2073H1TU
KSC2073H2	KSC2073H2TSTU	KSC2073H2TU

KSC2073TU	KSC2233	KSC2334OTU
KSC2334R	KSC2334RTU	KSC2334Y
KSC2334YTU	KSC2334YTU_NL	KSC2335OTU
KSC2335RTU	KSC2335YTU	KSC5021RTU
KSC5027OTU	KSC5027RHTU_F080	KSC5039H2
KSC5305DTU	KSC5338D	KSC5338DTU
KSC5402DTTU	KSC5502DTTU	KSC5504DTTU_NL
KSC5603DTU	KSC5603DTU_NL	KSD288O
KSD288OTU	KSD288W	KSD288WTU
KSD288Y	KSD288YTU	KSD288YTU_NL
KSD362N	KSD362R	KSD362RTU
KSD363O	KSD363OTU	KSD363R
KSD363RTU	KSD363Y	KSD363YTU
KSD363YTU_F080	KSD401G	KSD401O
KSD401Y	KSD401YTU	KSD526O
KSD526OTU_F080	KSD526Y	KSD526YTU
KSD526YTU_F080	KSD560OTU	KSD560R
KSD560RTSTU	KSD560RTU	KSD560Y
KSD560YTU	KSD568OTU	KSD568RTU
KSD568YTU	KSD569OTU	KSD569RTU
KSD569YTU	KSD73O	KSD73Y
KSD73YTSTU	KSD73YTU	KSD880O
KSD880OPATU	KSD880Y	KSD880YTU
KSE13009TU	KSE2955T	KSE2955TTU
KSE3055T	KSE3055TTU	KSE44A11TU
KSE44H11	KSE44H11TU	KSE45H11
KSE45H11TU	KSE45H8	KSE45H8TU
MBR20H100CTTU	MBR3030CTTU	MBR30H120CTTU
MJE2955TTU	MJE2955TTU_NL	MJE3055TTU
TIP100	TIP102	TIP102TU
TIP102_NL	TIP105	TIP105TU
TIP106	TIP107	TIP107TU
TIP110	TIP110TU	TIP111
TIP111TU	TIP112	TIP112TU
TIP115	TIP115TU	TIP117TU
TIP117TU_F080	TIP120	TIP120TU
TIP121	TIP121TU	TIP122
TIP122TU	TIP122TU_NL	TIP122_NL
TIP125	TIP125TU	TIP126
TIP126TU	TIP127	TIP127TU
TIP142T	TIP142TTU	TIP147T
TIP147TTU	TIP29	TIP29A
TIP29ATU	TIP29C	TIP29CTSTU
TIP29CTU	TIP30ATU	TIP30C
TIP30CTU	TIP31	TIP31A
TIP31ATU	TIP31B	TIP31C
TIP31CTU	TIP32	TIP32A
TIP32ATU	TIP32BTU	TIP32C
TIP32CTSTU	TIP32CTU	TIP41
TIP41A	TIP41B	TIP41BTU

TIP41C	TIP41CTU	TIP41CTU_NL
TIP41C_NL	TIP42	TIP42B
TIP42C	TIP42CTU	TIP47
TIP47TU	TIP48	TIP48TU
TIP49	TIP50	TIP50TU
TLC530TU		