

Date Created : 2007/09/17
Date Issued On : 2007/10/09
PCN# : Q3073801

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: 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: Bond Wire Material Composition, Lead Frame Dimensions (Internal and External)

Description of Change (From): Thicker heatsink and die attach pad. Material composition for wire used during wire bonding process is gold wire and copper.

Description of Change (To): Thinner heatsink and die attach pad (there is no change in heatsink and die attach pad material). Material composition for wire used during wire bonding process will be copper.

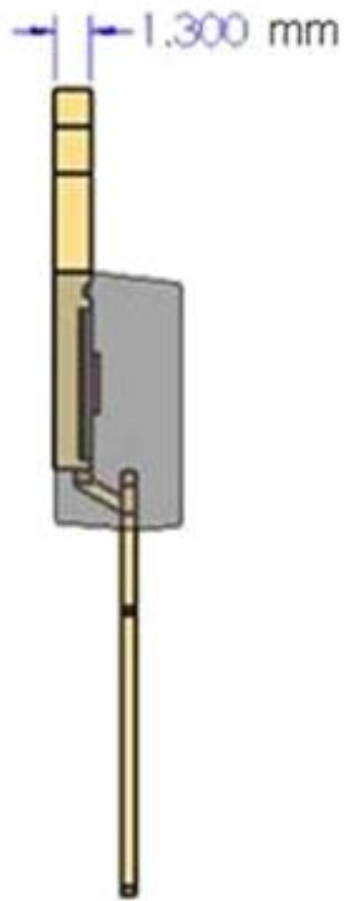
Reason for Change : Meet additional demand for various products in TO-220 package to improve our service to customers.

Qual/REL Plan Numbers : Q20070208

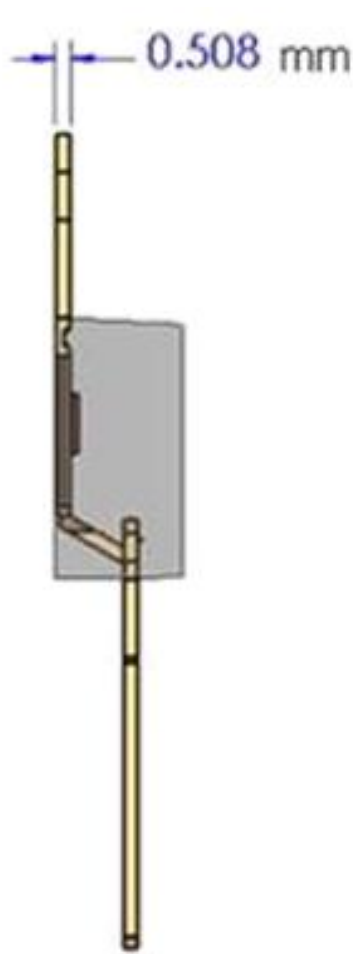
Qualification :

Designed to qualify TO220 package using thinner heatsink and copper wire bonding material Qualification Stress Test and Sample Size Detail

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	A
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	A
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 :

KA317MTU	KA317TU	KA317TU_NL
KA337TU	KA7805AETU	KA7805AETU_NL
KA7805ETSTU	KA7805ETU	KA7805ETU_NL
KA7806AETU	KA7806ETSTU	KA7806ETU
KA7808AETU	KA7808AETU_NL	KA7808ETSTU
KA7808ETU	KA7808ETU_NL	KA7809AETU
KA7809ETSTU	KA7809ETU	KA7809ETU_NL
KA7810AETU	KA7810ETU	KA7810ETU_NL

KA7812AETU	KA7812AETU_NL	KA7812ETSTU
KA7812ETU	KA7812ETU_NL	KA7815AETU
KA7815AETU_NL	KA7815ETSTU	KA7815ETU
KA7815ETU_NL	KA7818AETU	KA7818ETSTU
KA7818ETU	KA7818ETU_NL	KA7824AETU
KA7824AETU_NL	KA7824ETSTU	KA7824ETU
KA7824ETU_NL	KA78M05TU	KA78M06TU
KA78M08TU	KA78M12TU	KA78M15TU
KA78M24TU	KA78RM33	KA78RM33TSTU
KA78RM33TU	KA78T05	KA78T05TU
KA78T12TU	KA78T15	KA78T15TU
KA7905ATU	KA7905TU	KA7906TU
KA7908TU	KA7909TU	KA7910TU_NL
KA7912ATU	KA7912TSTU	KA7912TU
KA7912TU_NL	KA7915ATU	KA7915TU
KA7915TU_NL	KA7918TU	KA7924TU
KA79M05TU	KA79M08TU	KA79M12TU
KA79M12TU_NL	KA79M15TU	KSA473O
KSA473OTSTU	KSA473OTU	KSA473Y
KSA473YTSTU	KSA473YTSTUA	KSA473YTU
KSA473YTU_F080	KSC1173OTU	KSC1173YTSTU
KSC1173YTSTUA	KSC1173YTU	KSC1173YTU_F080
KSC2333YTU	LM317AHVT	LM317MT
LM317T	LM317T_NL	LM337T
LM337T_NL	LM350T	LM7805ACT
LM7805CT	LM7805ECT	LM7806ACT
LM7806CT	LM7808ACT	LM7808CT
LM7809ACT	LM7809CT	LM7810ACT
LM7810CT	LM7812ACT	LM7812CT
LM7815ACT	LM7815CT	LM7818ACT
LM7818CT	LM7824ACT	LM7824CT
LM78M05CT	LM78M05CT_NL	LM7905CT
LM79M05CT	MC7805AECT	MC7805ECT
MC7805ECTBU	MC7806ECT	MC7808ECT
MC7809ECT	MC7810ECT	MC7812AECT
MC7812ECT	MC7815AECT	MC7815ECT
MC7815ECT_NL	MC7818ECT	MC7824AECT
MC7824ECT	MC78M05CT	MC78M05CT_NL
MC78M06CT	MC78M12CT	MC78M15CT
MC78M24CT	MC78T05CT	MC78T05CT_NL
MC78T12CT	MC78T12CT_NL	MC78T15CT
MC78T15CT_NL	MC7905CT	MC7905CT_NL
MC7908CT	MC7912CT	MC7912CT_NL
MC7915ACT	MC7915CT	MC7915CT_NL
MC79M12CT		