



PCN# : P62BAAB
Issue Date : Mar. 11, 2016

DESIGN/PROCESS CHANGE NOTIFICATION

This is to inform you that a change is being made to the products listed below.

Unless otherwise indicated in the details of this notification, the identified change will have no impact on product quality, reliability, electrical, visual or mechanical performance and affected products will remain fully compliant to all published specifications. Products incorporating this change may be shipped interchangeably with existing unchanged products.

This change is planned to take effect in 90 calendar days from the date of this notification. Please work with your local Fairchild Sales Representative to manage your inventory of unchanged product if your evaluation of this change will require more than 90 calendar days.

Please contact your local Customer Quality Engineer within 30 days of receipt of this notification if you require any additional data or samples.

Implementation of change:

Expected First Shipment Date for Changed Product :Jun. 09, 2016

Expected First Date Code of Changed Product :1624

Description of Change (From) :
Assembly Site in Zhongshan, China

Description of Change (To) :
Assembly Site in Suzhou, China

Reason for Change:
Supplier is closing existing site and moving assembly to another site.



Affected Product(s):

QSE773	QSE773E3R0	QSE773_0231
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Qualification Plan	Device	Package	Process	No. of Lots
Q20160101	QSE773	Sidelooker	Infrared	3

Test Description:	Condition:	Standard:	Duration:	Results:
High Temperature Reverse Bias	100°C, VR = 5V	JESD22-A108	1000 hrs	0/231
Low Temperature Reverse Bias	-40°C, VR = 5V	JESD22-A108	1000 hrs	0/231
Room Temperature Reverse Bias	25°C, VR = 5V	-	1000 hrs	0/231
Temperature Humidity Bias Test	85%RH, 85C, VR=5V	JESD22-A101	1000 hrs	0/231
Temperature Cycle	-40°C, 125°C	JESD22-A104	500cyc	0/231
Thermal Shock	-10°C, 100°C	JESD22-A106	300 cyc	0/231
Resistance to Solder Heat	260°C	JESD22-B106	10 sec	0/231



Title : Qualification Report for PCN : P62BAAB

Date : Mar. 10, 2016

Affected devices :

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Product	Customer Part Number	BBB	Drawing
QSE773		Y	N
QSE773E3R0		Y	N

Qualification Test Summary :

Qualification Plan	Device	Package	Process	No. of Lots
Q20160101	QSE773	Sidelooker	Infrared	3

Test Description:	Condition:	Standard:	Duration:	Results:
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Low Temperature Reverse Bias	-40°C, VR = 5V	JESD22-A108	1000 hrs	0/231
Room Temperature Reverse Bias	25°C, VR = 5V	-	1000 hrs	0/231
Temperature Humidity Bias Test	85%RH, 85C, VR=5V	JESD22-A101	1000 hrs	0/231
Temperature Cycle	-40°C, 125°C	JESD22-A104	500cyc	0/231
Thermal Shock	-10°C, 100°C	JESD22-A106	300 cyc	0/231
Resistance to Solder Heat	260°C	JESD22-B106	10 sec	0/231

The selection methodology of qualification vehicles is aligned with JESD47 and if automotive devices are impacted by the PCN the selection of qualification vehicles is also align with the requirements in AEC-Q100 or AEC-Q101

Please contact your local Customer Quality Engineer if you have any questions concerning this data.