



---

**PCN# : P5B6AAB**  
**Issue Date : Feb. 03, 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 :May. 03, 2016

Expected First Date Code of Changed Product :1619

Description of Change (From) :  
FAN4800AUN and FAN4800AUM currently processed at MXIC foundry on MXIC\_C process flow

Description of Change (To) :  
FAN4800AUN and FAN4800AUM will be qualified in Maine on an Maine's equivalent process flow FS50D

Reason for Change:  
Products to be qualified in Maine on FS50D process flow for dual sourcing capability and flexible capacity.



---

**Affected Product(s):**

FAN4800AUM	FAN4800AUN	
------------	------------	--

Qualification Plan	Device	Package	Process	No. of Lots
Q20150050A	FAN4800AUN	DIP	N/A	1

Test Description:	Condition:	Standard :	Duration:	Results:
High Temperature Op Life Test	125C	JESD22-A108	1000 hrs	0/77
Temp Cycle (Temperature Cycle)	-65C, 150C	JESD22-A104	500 cyc	0/77
ESD (Human Body Model)	V	JESD22-A114		0/3
ESD (Charge Device Model)	V	JESD22-C101		0/3
Latch Up	Amps	JESD 78		0/3



## Title : Qualification Report for PCN : P5B6AAB

Date : Feb. 03, 2016

Affected devices :

C

Product	Customer Part Number	BBB	Drawing
FAN4800AUM		Y	N
FAN4800AUN		Y	N

### Qualification Test Summary :

Qualification Plan	Device	Package	Process	No. of Lots
Q20150050A	FAN4800AUN	DIP	N/A	1

Test Description:	Condition:	Standard :	Duration:	Results:
High Temperature Op Life Test	125C	JESD22-A108	1000 hrs	0/77
Temp Cycle (Temperature Cycle)	-65C, 150C	JESD22-A104	500 <u>cyc</u>	0/77
ESD (Human Body Model)	V	JESD22-A114		0/3
ESD (Charge Device Model)	V	JESD22-C101		0/3
Latch Up	Amps	JESD 78		0/3

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.