



**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 ON 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 :Sep. 07, 2017

Expected First Date Code of Changed Product :1737

Description of Change (From) :  
SPM3/3V manufacturing using 1.3mils Au wire.

Description of Change (To) :  
SPM3/3V manufacturing using 1.2mils Cu wire.

**Reason for Change:**

This change is only to the bond wire material used for selected products for better bonding performance. Package outline drawings of the affected products remain unchanged. All of the affected products are fully compliant to all published data sheet and this change will have no impact on their electrical performance.



**Affected Product(s):**

FNB33060T6S	FNB34060T	FNB35060T
FPAB20BH60BS	FPDB60PH60B_SN00395	FSBB10CH120DFL
FSBB15CH120D	FSBB15CH120DF	FSBB20CH120D
FSBB20CH120DF	FSBB20CH60	FSBB20CH60C
FSBB20CH60C_F172	FSBB20CH60F_F166	FSBB30CH60C
FSBB30CH60CS	FSBB30CH60C_F172	FSBB30CH60D
FSBF10CH60BT	FSBF15CH60BT	FSBF15CH60CT
FSBF5CH60BS	FSBS10CH60	FSBS10CH60L
FSBS15CH60	FSBS15CH60L	

Qualification Plan	Device	Package	Process	No. of Lots
F20170228	FSBF15CH60CT	SPM3F		1

Test Description:	Condition:	Standard :	Duration:	Results:
Temperature Cycle	-40C, 125C	JESD22-A104	500 cycles	0/77
Temperature Humidity Bias Test	85°C, 85% RH , Vcc=15V,Vdd=100V	JESD22-A101	1000 hrs	0/26
High Temperature Storage Life	150C	JESD22-A103	1000 hrs	0/77

Qualification Plan	Device	Package	Process	No. of Lots
F20170228	FSBB20CH60C	SPM3V		1

Test Description:	Condition:	Standard :	Duration:	Results:
Temperature Cycle	-40C, 125C	JESD22-A104	500 cycles	0/77
Temperature Humidity Bias Test	85°C, 85% RH , Vcc=15V,Vdd=100V	JESD22-A101	1000 hrs	0/26
High Temperature Storage Life	150C	JESD22-A103	1000 hrs	0/77

Qualification Plan	Device	Package	Process	No. of Lots
F20170228	FPDB60PH60B	SPM3V		1

Test Description:	Condition:	Standard :	Duration:	Results:
Temperature Cycle	-40C, 125C	JESD22-A104	500 cycles	0/77
Temperature Humidity Bias Test	85°C, 85% RH , Vcc=15V,Vdd=100V	JESD22-A101	1000 hrs	0/26
High Temperature Storage Life	150C	JESD22-A103	1000 hrs	0/77



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**Title : Qualification Report for PCN : P6B9AAB****Date : Jun. 08, 2017****Affected devices :**

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Product	Customer Part Number	BBB	Drawing
FNB34060T		Y	N
FNB35060T		Y	N
FSBB15CH120D		Y	N
FSBB20CH120D		Y	N
FSBB20CH60C		Y	N
FSBB30CH60C		Y	N
FSBF15CH60BT		Y	N

C

Product	Customer Part Number	BBB	Drawing
FSBB20CH60		Y	N
FSBB30CH60D		Y	N
FSBF10CH60BT		Y	N
FSBF15CH60CT		Y	N

**Qualification Test Summary :**



Qualification Plan	Device	Package	Process	No. of Lots
F20170228	FSBF15CH60CT	SPM3F		1

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Qualification Plan	Device	Package	Process	No. of Lots
F20170228	FPDB60PH60B	SPM3V		1

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Temperature Humidity Bias Test	85°C, 85% RH , Vcc=15V,Vdd=100V	JESD22-A101	1000 hrs	0/26
High Temperature Storage Life	150C	JESD22-A103	1000 hrs	0/77

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.