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**PCN# : P65DAAB**  
**Issue Date : Jul. 06, 2017**

**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 :Oct. 04, 2017

Expected First Date Code of Changed Product :1741

Description of Change (From) :  
5-inch wafers at ON Semiconductor Bucheon Fab site

Description of Change (To) :  
5-inch wafers at Hangzhou Silan Foundry.

Reason for Change:  
Improve supply flexibility



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**Affected Product(s):**

FYA3010DNTU	FYD0504SATM	FYP1010DNTU
FYP2006DNTU	FYP2010DNTU	FYPF1010DNTU
FYPF1545DNTU	FYPF2004DNTU	FYPF2006DNTU
FYPF2010DNTU	MBRP1545NTU	MBRP3010NTU
MBRP3045NTU		



Qualification Plan	Device	Package	Process	No. of Lots
Q20160233A	FYP2010DNTU	TO220	SCHOTTKY	3

Test Description:	Condition:	Standard :	Duration:	Results:
High Humidity High Temperature Reverse Bias	85%RH, 85C, 80V	JESD22-A101	1000 hours	0/231
High Temperature Reverse Bias	125°C, 80V	JESD22-A108	1000 hours	0/231
Power Cycle	Delta 100C, 5 Min cycle	MIL-STD-750-1037	6000 cycles	0/231
Temperature Cycle	-65°C, 150°C	JESD22-A104	500 cycles	0/231

Qualification Plan	Device	Package	Process	No. of Lots
Q20160234A	MBRP3010NTU	TO220	SCHOTTKY	1

Test Description:	Condition:	Standard :	Duration:	Results:
High Humidity High Temperature Reverse Bias	85%RH, 85C, 80V	JESD22-A101	1000 hours	0/77
High Temperature Reverse Bias	125°C, 80V	JESD22-A108	1000 hours	0/77
Power Cycle	Delta 100C, 5 Min cycle	MIL-STD-750-1037	6000 cycles	0/77
Temperature Cycle	-65°C, 150°C	JESD22-A104	500 cycles	0/77

Qualification Plan	Device	Package	Process	No. of Lots
Q20160234A	FYV0704SMTF	SOT23 3L	SCHOTTKY	1

Test Description:	Condition:	Standard :	Duration:	Results:
Preconditioning	MSL1 @260°C, 3 Cycles	JESD22-A113	-	0/231
High Humidity High Temperature Reverse Bias with Preconditioning	85%RH, 85C, 32V	JESD22-A101	1000 hours	0/77
High Temperature Reverse Bias	110°C, 32V	JESD22-A108	1000 hours	0/77
Power Cycle with Preconditioning	Delta 100C, 2 Min cycle	MIL-STD-750-1037	15000 cycles	0/77
Temperature Cycle with Preconditioning	-65°C, 150°C	JESD22-A104	500 cycles	0/77