ON Semiconductor

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Title of Change:	Qualification of ON Semiconductor's Pocatello, Idaho Fab10 as an additional wafer fab manufacturing site for the NCP1090 product family.			
Proposed first ship date:	10 November 2016 or earlier upon customer approval			
Contact information:	Contact your local ON Semiconductor Sales Office or <john.wollen@onsemi.com></john.wollen@onsemi.com>			
Samples:	Contact your local ON Semiconductor Sales Office			
Additional Reliability Data:	Contact your local ON Semiconductor Sales Office			
Type of notification:	of notification:This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days pr to implementation of the change. ON Semiconductor will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact <pcn.support@onsemi.com>.</pcn.support@onsemi.com>			
Change Part Identification:				
Change category:	Wafer Fab Change Assembly Change Test Change Other			
Change Sub-Category(s):	Material Change Datasheet/Product Doc change			
Manufacturing Site Change/	Addition Product specific change Shipping/Packaging/Marking			
Manufacturing Process Char	Definition of the second secon			
Sites Affected:				
All site(s) 🔲 not ap	oplicable Image: ON Semiconductor site(s) : Image: External Foundry/Subcon site(s) ON Pocatello, Idaho ON Pocatello, Idaho			
Description and Purpose:				
The change is to increase manufacturing capacity by adding Pocatello Fab10 as an additional wafer fab manufacturing site for NCP1090 family. No changes to form, fit, or function. The part marking and orderable part number stay the same.				



Reliability Data Summary:

QV DEVICE NAME 21351-001

PACKAGE 8 SOIC150

Test	Specification	Condition	Interval	Results
HBM	JESD22-A114	0k5V, 1kV, 1k5V,2kV, 2k5V, 3kV	2kV	0/18
MM	JESD22-A115	50V, 100V, 150V, 200V	200V	0/12
CDM	JESD22-C101	250V, 500V, 750V	500V	0/9
LU	JESD78	+/- 100 mA, O.V. 57V, Ta = 85°C	100mA	0/6

Electrical Characteristic Summary:

Electrical characteristics are not impacted.

List of Affected Standard Parts:

Part Number	Qualification Vehicle
NCP1090DRG	21351-001
NCP1090DG	21351-001
NCP1091DRG	21351-001
NCP1091DG	21351-001
NCP1092DRG	21351-001
NCP1092DG	21351-001