

Final Product/Process Change Notification Document #: FPCN21372X

Issue Date: 3 August 2016

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:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior 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:	Affected products will be identified by date code. There are no changes to the part marking.			
Change category:	■ Wafer Fab Change ■ Assembly Change ■ Test Change ■ Other ■ Other			
Change Sub-Category(s):	Material Change	Datasheet/Product Doc change		
Manufacturing Site Change/	Addition Product specific change	☐ Shipping/Packaging/Marking		
☐ Manufacturing Process Char	nge	Other:		
Sites Affected: All site(s) not ap	ON Semiconductor site(s): ON Pocatello, Idaho	External Foundry/Subcon site(s)		
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.				

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Reliability Data Summary:

QV DEVICE NAME 21351-001

PACKAGE 8 SOIC150

Test	Specification	Condition	Interval	Results
НВМ	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		

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