



Final Product/Process Change Notification

Document #:FPCN26053XA

Issue Date:24 Sep 2024

Title of Change:	Wafer Fab Site Transfer from LA Semi Fab10 Pocatello to onsemi Gresham for NCS37010MNTWG.			
Proposed First Ship date:	31 Dec 2024 or earlier if approved by customer			
Contact Information:	Contact your local onsemi Sales Office or MengLee.Chia@onsemi.com			
PCN Samples Contact:	Contact your local onsemi Sales Office. Sample requests are to be submitted no later than 30 days from the date of first notification, Initial PCN or Final PCN, for this change. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.			
Additional Reliability Data:	Contact your local onsemi Sales Office or Joe.Chapple@onsemi.com			
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. onsemi 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			
Marking of Parts/ Traceability of Change:	No change to marking / Changed material may be identified by lot code			
Change Category:	Wafer Fab Change			
Change Sub-Category(s):	Manufacturing Site Transfer			
Sites Affected:	onsemi Sites		External Foundry/Subcon Sites	
	onsemi, Gresham United States		None	
Description and Purpose:				
onsemi would like to notify its customers that we qualified NCS37010MNTWG in our onsemi Gresham FAB.				
This transfer enables expanded capacity for this technology and ensures business continuity.				
	From	To		
Fab Site	LA Semi Pocatello Fab10, US	onsemi Gresham, US		
Reliability Data Summary:				
QV DEVICE NAME: NCS37010MNTWG				
RMS: O93619				
PACKAGE: QFN 16 Lead				
Test	Specification	Condition	Interval	Results
High Temperature Operating Life	JESD22-A108	Ta=125°C, 100 % max rated Vcc	1008 hrs	0/80
High Temperature Storage Life	JESD22-A103	Ta=150°C	1008 hrs	0/80
Preconditioning	J-STD-020 JESD-A113	MSL 3 @ 260°C		0/240
Temperature Cycling	JESD22-A104	Ta= -65°C to +150°C	500 cyc	0/80
Highly Accelerated Stress Test	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs	0/80
Unbiased Highly Accelerated Stress Test	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/80



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Electrical Characteristics Summary:

Electrical characteristics are not impacted.

List of Affected Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the **PCN Customized Portal**.

Part Number	Qualification Vehicle
NCS37010MNTWG	NCS37010MNTWG