



Final Product/Process Change Notification

Document #:FPCN25729XAA

Issue Date:21 Sep 2025

Title of Change:	Wafer Fab addition of onsemi Bucheon, Korea for ESD and Surge Protection Products.	
Proposed First Ship date:	28 Dec 2025 or earlier if approved by customer	
Contact Information:	Contact your local onsemi Sales Office	
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	
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:	Changed material can be identified by lot code	
Change Category:	Wafer Fab Change	
Change Sub-Category(s):	Manufacturing Site Addition	
Sites Affected:		
onsemi Sites	External Foundry/Subcon Sites	
onsemi Bucheon, Korea	LA Semiconductor, Idaho, United States	
Description and Purpose:		
onsemi wishes to inform customers of its plan to qualify the onsemi Bucheon, Korea wafer fabrication site as an additional manufacturing location for ESD and Surge Protection products.		
This change enables dual sourcing from both the existing LA Semiconductor site in Idaho, United States and the newly qualified Bucheon site in Korea.		
There are no product marking changes as a result of this change.		
	From	To
Fab Site	LA Semiconductor Idaho, United States	onsemi Bucheon, Korea, LA Semiconductor, Idaho, United States



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Reliability Data Summary:

QV DEVICE NAME: SZCM1213A-04SO

RMS: L100795

PACKAGE: SC-74-6

Test	Specification	Condition	Interval	Results
High Temperature Reverse Bias	JESD22-A108	Ta=150°C, 100% max rated V	1008 hrs	0/231
High Temperature Storage Life	JESD22-A103	Ta=150°C	1008 hrs	0/231
Preconditioning	J-STD-020 JESD-A113	MSL 1@260°C		
Temperature Cycling	JESD22-A104	Ta= -55°C to +150°C	1000 cyc	0/231
Highly Accelerated Stress Test	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs	0/231
Unbiased Highly Accelerated Stress Test	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231

QV DEVICE NAME: ESD10201MUT5G

RMS: S97034

PACKAGE: X3DFN

Test	Specification	Condition	Interval	Results
High Temperature Reverse Bias	JESD22-A108	Ta=150°C, 100% max rated V	1008 hrs	0/231
Preconditioning	J-STD-020 JESD-A113	MSL 1@260°C		
Highly Accelerated Stress Test	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs	0/231

QV DEVICE NAME: SZESD7205WTT1G

RMS: L97202, L100724, L100932

PACKAGE: SC70

Test	Specification	Condition	Interval	Results
High Temperature Reverse Bias	JESD22-A108	Ta=150°C, 100% max rated V	1008 hrs	0/231
High Temperature Storage Life	JESD22-A103	Ta=150°C	1008 hrs	0/231
Preconditioning	J-STD-020 JESD-A113	MSL 1@260°C		
Temperature Cycling	JESD22-A104	Ta= -55°C to +150°C	1000 cyc	0/231
Highly Accelerated Stress Test	JESD22-A110	110°C, 85% RH, 3psig, bias	264 hrs	0/231
Unbiased Highly Accelerated Stress Test	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231

Electrical Characteristics Summary:

Electrical characteristics are not impacted.



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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
CM1213A-04SO	SZCM1213A-04SO
CM1293A-04SO	SZCM1213A-04SO
SCM1293A-04SO	SZCM1213A-04SO
ESD7421N2T5G	ESD10201MUT5G, SZESD7205WTT1G
ESD7002WTT1G	ESD10201MUT5G, SZESD7205WTT1G
NUP4114UCLW1T2G	SZCM1213A-04SO
NUP4114UCW1T2G	SZCM1213A-04SO