



Final Product/Process Change Notification

Document #:FPCN24561XF

Issue Date:19 Oct 2023

Title of Change:	Qualification of FRD Rectifiers, UniFET's, and other discrete products at onsemi Roznov, Czech Republic.
Proposed First Ship date:	26 Jan 2024 or earlier if approved by customer
Contact Information:	Contact your local onsemi Sales Office or Daniel.Jeon@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 songyong.sim@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:	Date Code
Change Category:	Wafer Fab Change
Change Sub-Category(s):	Manufacturing Site Transfer
Sites Affected:	
onsemi Sites	External Foundry/Subcon Sites
onsemi Roznov, Czech Republic	None

Description and Purpose:

This notification is to inform the customers that onsemi qualified their MOSEFTs at onsemi Roznov, Czech Republic. Some of the parts may also undergo a wafer probe alternate location, but there is no impact to the 100% final electrical test.

	Before Change Description	After Change Description
Wafer fab	onsemi Bucheon, Korea	onsemi Roznov, Czech Republic onsemi Bucheon, Korea

There are no product material changes and no product marking changes as a result of this change.



Final Product/Process Change Notification

Document #:FPCN24561XF

Issue Date:19 Oct 2023

Reliability Data Summary:

QV DEVICE NAME: FPCS3060L

RMS: 93092

PACKAGE: SPM4

Test	Specification	Condition	Interval	Results
TC	JESD22-A104	Ta= -40°C to +125°C,	1000cyc	0/75
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, 42V	96hrs	0/75

QV DEVICE NAME: FDL100N50F

RMS: U90624

PACKAGE: TO220

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Tj= 150°C, 80% max rated V	1008 hrs	0/240
HTGB	JESD22-A108	Tj= 150°C, 100% max rated Vgss	1008 hrs	0/240
HTSL	JESD22-A103	Ta= 150°C	1008 hrs	0/240
TC	JESD22-A104	Ta= -55°C to +150°C	1000 cyc	0/120
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs	0/118
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/118

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
FPCS3060L	FDL100N50F, FPCS3060L
FPCS1560L	FDL100N50F, FPCS3060L