



## Initial Product/Process Change Notification

Document #: IPCN24561XA

Issue Date: 30 Jun 2022

<b>Title of Change:</b>	6inch Damper wafer transfer qualification in onsemi Roznov, Republic Czech from onsemi Bucheon, Korea.	
<b>Proposed First Ship date:</b>	01 Dec 2022 or earlier if approved by customer	
<b>Contact Information:</b>	Contact your local onsemi Sales Office <a href="mailto:norsahida.sahman@onsemi.com">norsahida.sahman@onsemi.com</a> , <a href="mailto:norlailihanim.nordin@onsemi.com">norlailihanim.nordin@onsemi.com</a> , <a href="mailto:daniel.jeon@onsemi.com">daniel.jeon@onsemi.com</a>	
<b>PCN Samples Contact:</b>	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.	
<b>Type of Notification:</b>	This is an Initial Product/Process Change Notification (IPCN) sent to customers. An IPCN is an advance notification about an upcoming change and contains general information regarding the change details and devices affected. It also contains the preliminary reliability qualification plan. The completed qualification and characterization data will be included in the Final Product/Process Change Notification (FPCN). This IPCN notification will be followed by a Final Product/Process Change Notification (FPCN) at least 90 days prior to implementation of the change. In case of questions, contact <PCN.Support@onsemi.com>	
<b>Marking of Parts/ Traceability of Change:</b>	Date Code	
<b>Change Category:</b>	Wafer Fab Change	
<b>Change Sub-Category(s):</b>	Manufacturing Site Transfer	
<b>Sites Affected:</b>		
<b>onsemi Sites</b>	<b>External Foundry/Subcon Sites</b>	
onsemi Bucheon, Korea	None	
onsemi Roznov, Czech Republic		
<b>Description and Purpose:</b>		
This notification is to inform the customers onsemi is transferring 6 inch Damper wafers in onsemi Bucheon, Korea to onsemi Roznov, Czech Republic.		
	<b>Before Change Description</b>	<b>After Change Description</b>
Wafer fab	onsemi Bucheon, Korea	onsemi Roznov, Czech Republic
There is no product marking change as a result of this change.		



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### Qualification Plan:

**QV DEVICE NAME: FFPF10F150STU**

**PACKAGE: TO220F**

Test	Specification	Condition	Interval
HTRB	JESD22-A108	Tj = 175°C, 80% max rated V	1008 hrs
H3TRB	JESD22-A101	Temp = 85C, RH=85%, bias = 80% of rated V or 100V max	1008 hrs
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta = +25°C, delta Tj = 100°C On/off = 5 min	6000 cyc
TC	JESD22-A104	Ta = -55°C to +150°C	1000 cyc
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs
RSH	JESD22-B106	Ta = 265C, 10 sec	

**QV DEVICE NAME: FPAM30LH60**

**PACKAGE: MODEB**

Test	Specification	Condition	Interval
HTRB	JESD22-A108	Tj = Max rate Tj for device, bias = 80% of max rated	1008 hrs
H3TRB	JESD22-A101	Ta = 85C, RH=85%, bias = 80% of rated V or 100V max	1008 hrs
TC	JESD22-A104	Ta = -40°C to +125°C	1000 cyc
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs

Estimated date for qualification completion: 31 August 2022

### 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
FFPF10F150STU	FFPF10F150STU
FPAM30LH60	FPAM30LH60
NXH450B100H4Q2F2PG	FFPF10F150STU
FPAM50LH60G	FFPF10F150STU FPAM30LH60