



Final Product/Process Change Notification

Document #:FPCN26572X

Issue Date:16 Jul 2026

Title of Change:	FRD Gen7 second source in CZ4	
Proposed First Ship date:	23 Oct 2026 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 Roznov, Czech Republic	None	
Description and Purpose:		
onsemi wishes to inform customers that the onsemi Roznov, Czech Republic facility has been qualified as an additional wafer fabrication site for TO247 products. There are no changes to the assembly and test materials as a result of this qualification.		
	From	To
Fab Site	onsemi Bucheon, Korea	onsemi Bucheon, Korea onsemi Roznov, Czech Republic
There is no product marking change as a result of this change.		



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Reliability Data Summary:

QV DEVICE NAME: FGY100T120SWD

RMS: V99712 / U102924 / U104182

PACKAGE: TO-247

Test	Specification	Condition	Interval	Result
High Temperature Reverse Bias	JESD22-A108	Tj= 175°C, 100% max rated BV	1008 hrs	0/231
High Temperature Storage Life	JESD22-A103	Ta= 175°C	1008 hrs	0/231
Intermittent Operating Life	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 5 min	6000 cyc	0/231
Temperature Cycling	JESD22-A104	Ta= -55°C to +150°C	1000 cyc	0/231
High Humidity High Temp Reverse Bias	JESD22-A101	Ta = 85°C, 85% RH, 100V	1008 hrs	0/231
Unbiased Highly Accelerated Stress Test	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231
Resistance to Solder Heat	JESD22- B106	Ta = 265°C, 10 sec	-	0/30

*Results are only for FRD Dies

QV DEVICE NAME: FGY4L100T120SWD

RMS: S103445 / U104181 / V99674

PACKAGE: TO-247

Test	Specification	Condition	Interval	Result
High Temperature Reverse Bias	JESD22-A108	Tj= 175°C, 100% max rated BV	1008 hrs	0/77
High Temperature Storage Life	JESD22-A103	Ta= 175°C	1008 hrs	0/77
Temperature Cycling	JESD22-A104	Ta= -55°C to +150°C	1000 cyc	0/77
High Humidity High Temp Reverse Bias	JESD22-A101	Ta = 85°C, 85% RH, 100V	1008 hrs	0/77
Unbiased Highly Accelerated Stress Test	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/77
Resistance to Solder Heat	JESD22- B106	Ta = 265°C, 10 sec	-	0/10

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](#).

Current Part Number	New Part Number	Qualification Vehicle
FGY100T120SWD	#NONE	FGY100T120SWD
FGY75T120SWD	#NONE	FGY100T120SWD
FGY4L100T120SWD	#NONE	FGY4L100T120SWD