



Final Product/Process Change Notification

Document #:FPCN24820Z1

Issue Date:29 Dec 2025

Title of Change:	Update of FPCN24820Z - Dual source of AC MOS1 and AC MOS2 fab process.
Proposed Changed Material First Ship Date:	21 May 2026 or earlier if approved by customer
Current Material Last Order Date:	N/A <i>Orders received after the Current Material Last Order Date expiration are to be considered as orders for new changed material as described in this PCN. Orders for current (unchanged) material after this date will be per mutual agreement and current material inventory availability.</i>
Current Material Last Delivery Date:	N/A <i>The Current Material Last Delivery Date may be subject to change based on build and depletion of the current (unchanged) material inventory</i>
Product Category:	Active components – Integrated circuits
Contact information:	Contact your local onsemi Sales Office
PCN Samples Contact:	Contact your local onsemi Sales Office to place sample order. Sample requests are to be submitted no later than 45 days after publication of this change notification. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.
Sample Availability Date:	N/A
PPAP Availability Date:	N/A
Additional Reliability Data:	N/A
Type of Notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. The change will be implemented at 'Proposed Change Material First Ship Date' in compliance to J-STD-46 or ZVEI, or earlier upon customer approval, or per our signed agreements. onsemi will consider this proposed change and it's conditions acceptable, unless an inquiry is made in writing within 45 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com
Change Category	
Category	Type of Change
Process - Wafer Production	SEM-PW-13: Move all or parts of production to a different wafer fab site.
Equipment	SEM-EQ-02: Production from a new equipment/tool which uses the same basic technology (replacement equipment or extension of existing equipment pool) without change of process.

Description and Purpose:

This notification supersedes and replaces the previously issued **FPCN24820Z**. The prior communication detailed a one-way manufacturing transfer from our Gresham, USA facility to our Aizu, Japan facility.

This updated FPCN formally establishes both Gresham and Aizu as qualified dual-source manufacturing sites for the affected products. Gresham has actively operated all relevant manufacturing flows within the past two years, with the majority still ongoing. During this period, all impacted customers have received products manufactured at the Gresham site.

As there is no physical change to the product and both sites have been previously qualified and have maintained production over the past two years, sample requests and full customer requalification are not anticipated.

	Pre- FPCN24820-series	After FPCN24820-series	After this PCN
Fab Locations	onsemi, Gresham	onsemi, Aizu	onsemi, Gresham onsemi, Aizu



Final Product/Process Change Notification

Document #:FPCN24820Z1

Issue Date:29 Dec 2025

Reason / Motivation for Change:	Capacity improvement	
Anticipated impact on fit, form, function, reliability, product safety or manufacturability:	No anticipated impacts. Both sites were qualified previously and has actively operated all manufacturing flows over the past two years.	
Sites Affected:		
onsemi Sites		External Foundry/Subcon Sites
onsemi, Gresham United States		None
Marking of Parts/ Traceability of Change:	Customs source information will be updated on product label, and product will be identified by encoded date code.	
Reliability Data Summary: No additional reliability qualification has been performed since there is no physical change of the part, both manufacturing sites were qualified previously and has actively operated all manufacturing flows over the past two years. Note: AEC-1pager are attached. <i>To view attachments:</i> 1. Download pdf copy of the PCN to your computer 2. Open the downloaded pdf copy of the PCN 3. Click on the paper clip icon available on the menu provided in the left/bottom portion of the screen to reveal the Attachment field 4. Then click on the attached file.		
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 <u>PCN Customized Portal</u> .		
Current Part Number	New Part Number	Qualification Vehicle
NCV663SQ15T1G	#NONE	NCV551SN33T1G
NCV662SQ27T1G	#NONE	NCV551SN33T1G
NCV612SQ37T2G	#NONE	NCV551SN33T1G
NCV612SQ18T2G	#NONE	NCV551SN33T1G
NCV571MN10TBG	#NONE	NCV551SN33T1G
NCV500SN28T1G	#NONE	NCV500SN33T1G
NCV500SN33T1G	#NONE	NCV500SN33T1G
NCV551SN28T1G	#NONE	NCV551SN33T1G



Final Product/Process Change Notification

Document #:FPCN24820Z1

Issue Date:29 Dec 2025

NCV551SN36T1G	#NONE	NCV551SN33T1G
NCV553SQ30T1G	#NONE	NCV551SN33T1G
NCV562SQ25T1G	#NONE	NCV551SN33T1G
NCV563SQ18T1G	#NONE	NCV551SN33T1G
NCV571MN12TBG	#NONE	NCV551SN33T1G
NCV662SQ30T1G	#NONE	NCV551SN33T1G
NCV662SQ50T1G	#NONE	NCV551SN33T1G
NCV663SQ25T1G	#NONE	NCV551SN33T1G
NCV663SQ50T1G	#NONE	NCV551SN33T1G
NCV7101SN2T1G	#NONE	NCV2002SN2T1G
NCV8560SN130T1G	#NONE	NCV8690MN33T2G
NCV8560SN250T1G	#NONE	NCV8690MN33T2G
NCV8560SN180T1G	#NONE	NCV8690MN33T2G
NCV7101SN1T1G	#NONE	NCV2002SN2T1G
NCV663SQ33T1G	#NONE	NCV551SN33T1G
NCV662SQ15T1G	#NONE	NCV551SN33T1G
NCV563SQ33T1G	#NONE	NCV551SN33T1G
NCV562SQ33T1G	#NONE	NCV551SN33T1G
NCV551SN50T1G	#NONE	NCV551SN33T1G
NCV551SN33T1G	#NONE	NCV551SN33T1G
NCV551SN30T1G	#NONE	NCV551SN33T1G
NCV551SN25T1G	#NONE	NCV551SN33T1G
NCV551SN18T1G	#NONE	NCV551SN33T1G
NCV551SN15T1G	#NONE	NCV551SN33T1G
NCV303LSN46T1G	#NONE	NCV303LSN45T1G
NCV303LSN45T1G	#NONE	NCV303LSN45T1G
NCV303LSN44T1G	#NONE	NCV303LSN45T1G
NCV303LSN42T1G	#NONE	NCV303LSN45T1G
NCV303LSN40T1G	#NONE	NCV303LSN45T1G
NCV303LSN34T1G	#NONE	NCV303LSN45T1G
NCV303LSN31T1G	#NONE	NCV303LSN45T1G
NCV303LSN30T1G	#NONE	NCV303LSN45T1G
NCV303LSN29T1G	#NONE	NCV303LSN45T1G
NCV303LSN27T1G	#NONE	NCV303LSN45T1G
NCV303LSN25T1G	#NONE	NCV303LSN45T1G



Final Product/Process Change Notification

Document #:FPCN24820Z1

Issue Date:29 Dec 2025

NCV303LSN20T1G	#NONE	NCV303LSN45T1G
NCV303LSN16T1G	#NONE	NCV303LSN45T1G
NCV303LSN11T1G	#NONE	NCV303LSN45T1G
NCV303LSN09T1G	#NONE	NCV303LSN45T1G
NCV301LSN42T1G	#NONE	NCV303LSN45T1G
NCV301LSN40T1G	#NONE	NCV303LSN45T1G
NCV301LSN28T1G	#NONE	NCV303LSN45T1G
NCV300LSN28T1G	#NONE	NCV303LSN45T1G
NCV2001SN2T1G	#NONE	NCV8690MN33T2G
NCV2001SQ2T2G	#NONE	NCV8690MN33T2G
NCV2002SN1T1G	#NONE	NCV2002SN2T1G
NCV2002SN2T1G	#NONE	NCV2002SN2T1G
NCV8560MN330R2G	#NONE	NCV8690MN33T2G
NCV8690MN33T2G	#NONE	NCV8690MN33T2G
NCV8605MNADJT2G	#NONE	NCV8690MN33T2G
NCV8605MN33T2G	#NONE	NCV8690MN33T2G
NCV8605MN18T2G	#NONE	NCV8690MN33T2G
NCV8603SN33T1G	#NONE	NCV8690MN33T2G
NCV8560SN350T1G	#NONE	NCV8690MN33T2G
NCV8560SN330T1G	#NONE	NCV8690MN33T2G
NCV8560SN280T1G	#NONE	NCV8690MN33T2G
NCV500SN18T1G	#NONE	NCV500SN33T1G
NCV303LSN24T1G	#NONE	NCV303LSN45T1G
NCV303LSN10T1G	#NONE	NCV303LSN45T1G
NCV301LSN33T1G	#NONE	NCV303LSN45T1G
NCV301LSN22T1G	#NONE	NCV303LSN45T1G
NCV300LSN36T1G	#NONE	NCV303LSN45T1G
NCV2202SN2T1G	#NONE	NCV2002SN2T1G
NCV2200SQ2T2G	#NONE	NCV2002SN2T1G
NCV2200SN2T1G	#NONE	NCV2002SN2T1G
NCV2200SN1T1G	#NONE	NCV2002SN2T1G
NCV2200AMUTBG	#NONE	NCV8690MN33T2G
NCV663SQ27T1G	#NONE	NCV551SN33T1G
NCV8560MN150R2G	#NONE	NCV8690MN33T2G
NCV8606MN30T2G	#NONE	NCV8690MN33T2G



Final Product/Process Change Notification
Document #:FPCN24820Z1
Issue Date:29 Dec 2025

NCV8606MN25T2G	#NONE	NCV8690MN33T2G
NCV8605MN30T2G	#NONE	NCV8690MN33T2G
NCV8605MN28T2G	#NONE	NCV8690MN33T2G
NCV663SQ28T1G	#NONE	NCV551SN33T1G
NCV571MN09TBG	#NONE	NCV551SN33T1G