Customer Information Notification

2024030025I : Addition of Process Control Feature on GaN Die

Issue Date: Apr 28, 2024 **Effective Date:** Apr 29, 2024

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Management summary
This CIN communicates to customers that select products will contain GaN 4.5i die that have been retrofit with an ISO leakage process control test structure.
This ISO leakage process control test structure has been incorporated into all new mask sets as of April of 2022.

Change Category

[ ]Wafer Fab Process	[ ]Assembly Process	[ ]Product Marking	[ ]Test Process	[ ]Design
[ ]Wafer Fab Materials	[ ]Assembly Materials	[ ]Mechanical Specification	[ ]Test Equipment	[ ]Errata
[ ]Wafer Fab Location	[ ]Assembly Location	[ ]Packing/Shipping/Labeling	[ ]Test Location	[ ]Electrical spec./Test coverage
[ ]Firmware	[X]Other			

Notification Overview
Description

A visible process control feature is being added to select mask sets that previously did not contain this feature. Die sizes remains the same.
Reason
Enhance screening capability conditions.
This process control feature has no impact on device form, fit, or function.
Identification of Affected Products
Product identification does not change

Anticipated Impact on Form, Fit, Function, Reliability or Quality

No Impact on form, fit, function, reliability or quality
Data Sheet Revision
No impact to existing data sheet
Disposition of Old Products
NA

Additional information

Additional documents: view online
Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

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NXP Quality Management Team.

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12NC	Orderable Part Number	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
935442486528	A5G23H110NT4	A5G23H110NT4	DMS Gan DFN7X6.5 6L	H(L)PwrSON6	SOT2030-1	RFS	No	BLRF
935433224528	A5G26H110NT4	A5G26H110NT4	DMS Gan DFN7X6.5 6L	H(L)PwrSON6	SOT2030-1	RFS	No	BLRF
935424245528	A5G35H110NT4	A5G35H110NT4	GaN DFN7X10 10Lead	H(L)PwrSON6	SOT2030-1	RFS	No	BLRF
935432729518	A5G35H120NT2	A5G35H120NT2	GaN DFN7X10 10Lead	H(L)PwrSON10	SOT2053-1	RFS	No	BLRF
935432674528	A5G37H110NT4	A5G37H110NT4	DMS 3.0 32T DFN7X6.5	H(L)PwrSON6	SOT2030-1	RFS	No	BLRF
935421037528	A5G38H045NT4	A5G38H045NT4	DMS Gan DFN7X6.5 6L	H(L)PwrSON6	SOT2030-1	RFS	No	BLRF
935449319528	A5G07H800W19NR3	A5G07H800W19NR3	GaN OM780-4S4S	HPFM8	SOT2082-1	RFS	No	BLRF
935450755528	A5G08H800W19NR3	A5G08H800W19NR3	GaN OM780-4S4S	HPFM8	SOT2082-1	RFS	No	BLRF
935451705528	A5G21H605W19NR3	A5G21H605W19NR3	GaN OM780-4S4S	HPFM8	SOT2082-1	RFS	No	BLRF
935450722528	A5G18H605W19NR3	A5G18H605W19NR3	GaN OM780-4S4S	HPFM8	SOT2082-1	RFS	No	BLRF
935450119528	A5M34TG140-TCT1	A5M34TG140-TCT1	TRISECA TSC LGA 14X10	HLGA30SIP	SOT2131-2	RFS	No	BLRF
935441207528	A5M36TG140T2	A5M36TG140T2	10x6 SiP Module	H(L)LGA27SIP	SOT1831-2	RFS	No	BLRF
935444363528	A5M39TG140T2	A5M39TG140T2	10x6 SiP Module	H(L)LGA27SIP	SOT1831-2	RFS	No	BLRF
935457124528	A5G18H610W19NR3	A5G18H610W19NR3	GaN OM780-4S4S	HPFM8	SOT2082-1	RFS	No	BLRF
935462141528	A5G19H605W19NR3	A5G19H605W19NR3	GaN OM780-4S4S	HPFM8	SOT2082-1	RFS	No	BLRF
935461133528	A5G26H605W19NR3	A5G26H605W19NR3	GaN OM780-4S4S	HPFM8	SOT2082-1	RFS	No	BLRF
935448933528	A5G38H055NT4	A5G38H055NT4	Gan DFN7X6.5 6L	H(L)PwrSON6	SOT2030-1	RFS	No	BLRF
935438818528	A5M35TG140-TCT1	A5M35TG140-TCT1	TRISECA TSC LGA 14X10	HLGA30SIP	SOT2131-2	RFS	No	BLRF
935443414528	A5M36TG140-TCT1	A5M36TG140-TCT1	TRISECA TSC LGA 14X10	HLGA30SIP	SOT2131-2	RFS	No	BLRF
935461212528	A5M34TG040-TCT1	A5M34TG040-TCT1	TRISECA TSC LGA 14X10 GB	HLGA30SIP	SOT2131-2	RFS	No	BLRF
935461214528	A5M35TG040-TCT1	A5M35TG040-TCT1	TRISECA TSC LGA 14X10 GB	HLGA30SIP	SOT2131-2	RFS	No	BLRF
935461213528	A5M36TG040-TCT1	A5M36TG040-TCT1	TRISECA TSC LGA 14X10 GB	HLGA30SIP	SOT2131-2	RFS	No	BLRF