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November 7, 2025

Arrow Global Supply Chain Services
9151 E. Panorama Circle
Centennial, Colorado 80112

Attention: Quality / Purchasing Manager

PCN #: PCN-02005

Subject: Additional 2D Barcode Marking on Device in TO248/270/275/288 Over-molded Packages

Dear Valued Customer,

MACOM Technology Solutions is introducing 2D barcode marking on physical devices for all products in TO248/270/275/288 over-molded packages.



Example of 2D
barcode marking

This is a **minor** change which does not affect the form, fit, function, quality or reliability of the product. Datasheet specifications will remain unchanged.

2D barcode marking enables device level electrical test data traceability. Currently, devices can only be traced on a production lot level. Each device will be marked with a unique serial number, allowing MACOM to track every part's electrical test results.

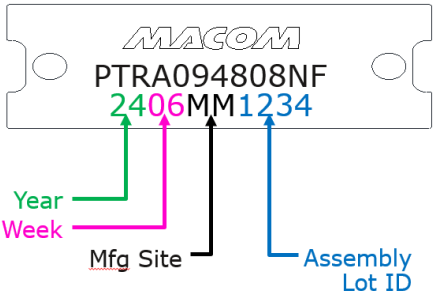
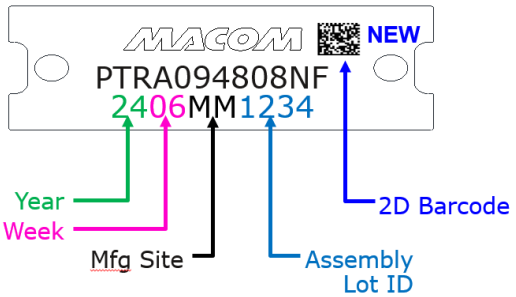
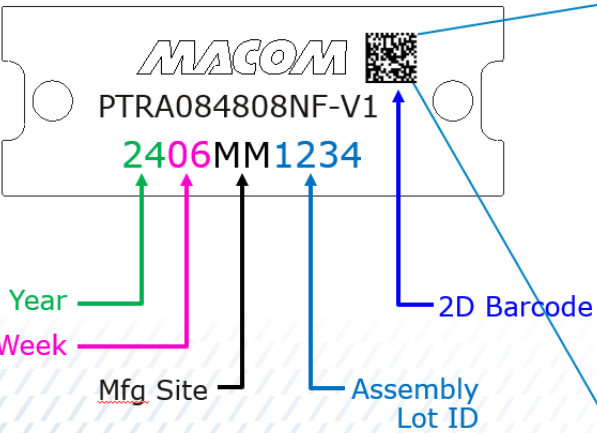

Technical details of this change notice follow on the next page(s).

In accordance with MACOM Technology Solutions' customer notification policy you are receiving this notice because you purchased one or more of the listed products in the past two years.

Please contact your local Sales representative if you have any specific questions.

Sincerely,

Alison Brown
Quality Director
Alison.Brown@macom.com

PCN Number: PCN-02005		PCN Date: Nov 7 2025	
Title: Additional 2D Barcode Marking on Device in TO248/270/275/288 Over molded Package			
Proposed 1st Ship Date: Dec 2025		Estimated Sample Availability:	Available per request
Change Classification: Major <input type="checkbox"/>		Minor <input checked="" type="checkbox"/>	
Change Type:			
Assembly Site <input checked="" type="checkbox"/>	Design <input type="checkbox"/>	Electrical Specification <input type="checkbox"/>	
Test Site <input checked="" type="checkbox"/>	Assembly Process <input type="checkbox"/>	Mechanical Specification <input type="checkbox"/>	
Test Process <input type="checkbox"/>	Assembly Materials <input type="checkbox"/>	Packing/Shipping/Labeling <input type="checkbox"/>	
PCN Details			
Description of Change:			
Additional 2D barcode marking on each physical part for all products in TO248/270/275/288 over molded package. Below is an illustration of the 2D barcode.			
<p>BEFORE</p> 		<p>AFTER</p> 	
<p>2D barcode information content:</p> 			
<div style="border: 1px solid black; padding: 5px;"> <p>2D - Data Matrix Code (ECC standard)</p> <ul style="list-style-type: none"> ECC standard compliance Square / Rectangular shape (> 3x3mm)  <p>Info include :</p> <p>Line 1 : Device name (PTR A084808NF-V1)</p> <p>Line 2 : YYWMMMXXXX (2406CS1234)</p> <p>Line 3 : Unit serialize # (0001) ← This number is generate by laser system</p> <p>Total : PTR A084808NF-V1_ 2406CS1234_0001</p> <p>: 31 alpha & numeric</p> <p>* _ classify as numeric</p> </div>			
Reason for Change:			
Enhance device level electrical test data traceability. Current traceability is by lot level.			

Products Affected:

GaN3C / GaN3A product:

No	Package Type	Product P/N	No	Package Type	Product P/N
1	8TO288WHS	WGC22630-V1A-R2	30	6TO248	MAPC-C27640-DP000
2	8TO288WHS	WGC22630-V1-R00A	31	6TO248	MAPC-C27640-DPTR1
3	8TO288WHS	WGC22630-V1-R0	32	6TO248	MAPC-C27640-DPTR2
4	8TO288WHS	WGC22630-V1-R2	33	6TO248	MAPC-C22640-DP000
5	8TO288WHS	WGC22630-V1-R5	34	6TO248	MAPC-C22640-DPTR1
6	8TO288WHS	WGC22630-V1A-R00A	35	6TO248	MAPC-C22640-DPTR2
7	8TO288WHS	WGC22630-V1A-R5	36	6TO248	MAPC-C20640-DP000
8	8TO288WHS	WGC20630-V1A-R2	37	6TO248	MAPC-C20640-DPTR1
9	8TO288WHS	WGC20630-V1A-R00A	38	6TO248	MAPC-C20640-DPTR2
10	8TO288WHS	WGC18630V1A-R2	39	6TO248	MAPC-C18640-DP000
11	8TO288WHS	WGC18630V1A-RA	40	6TO248	MAPC-C18640-DPTR1
12	8TO288WHS	WGC18630V1A-R0	41	6TO248	MAPC-C18640-DPTR2
13	8TO288WHS	WGC27630-P1	42	6TO248	MAPC-C18640-DPPPR
14	8TO288WHS	MAPC-C27600-CP000	43	6TO248	MAPC-C27600-DP000
15	8TO288WHS	MAPC-C27600-CPTR2	44	6TO248	MAPC-C27600-DPTR1
16	8TO288WHS	MAPC-C27600-CPTR1	45	6TO248	MAPC-C27600-DPTR2
17	8TO288WHS	MAPC-C24600-CPPPR	46	6TO248	MAPC-C50450-DP000
18	8TO288WHS	MAPC-C24600-CP000	47	6TO248	MAPC-C50450-DPTR1
19	8TO288WHS	MAPC-C24600-CPTR1	48	6TO248	MAPC-C50450-DPTR2
20	8TO288WHS	MAPC-C24600-CPTR2	49	6TO248	MAPC-C18641-DP000
21	6TO248	WGC27550V1A-R2	50	6TO248	MAPC-C18641-DPTR1
22	6TO248	WGC27550V1A-R0	51	6TO248	MAPC-C18641-DPTR2
23	6TO248	WGC27550V1A-RA	52	6TO248	MAPC-C20641-DP000
24	6TO248	WGC26420V1A-R0	53	6TO248	MAPC-C20641-DPTR1
25	6TO248	WGC26420V1A-R2	54	6TO248	MAPC-C20641-DPTR2
26	6TO248	WGC26420V1A-RA	55	6TO248	MAPC-C22650-DP000
27	8TO248	WGC40680V1A-R2	56	6TO248	MAPC-C22650-DPTR1
28	8TO248	WGC40680V1A-RA	57	6TO248	MAPC-C22650-DPTR2
29	8TO248	WGC40680V1A-R0	58	6TO248	MAPC-C22641-DPPPR
			59	8TO248	MAPC-C40450-CP000
			60	8TO248	MAPC-C40450-CPTR1
			61	8TO248	MAPC-C40450-CPTR2
			62	8TO248	MAPC-C38550-CP000
			63	8TO248	MAPC-C38550-CPTR1
			64	8TO248	MAPC-C22650-CP000
			65	8TO248	MAPC-C22650-CPTR1
			66	8TO248	MAPC-C22650-CPTR2
			67	6TO275	MAPC-C201125-DPPPR

GaN2 product:

No	Package Type	Product P/N
1	4TO248	GTRB097152NCV1-R2
2	4TO248	GTRB097152NCV1-RA
3	4TO248	GTRB097152NCV1A-RA
4	4TO248	GTRB097152NCV1A-R0
5	4TO248	GTRB097152NCV1A-R2
6	4TO248	GTRB186002NC-P1
7	4TO248	GTRB226002NC-P1

LDMOS product:

No	Package Type	Product P/N	No	Package Type	Product P/N
1	14TO270	PXAC180602MD-V1-R5	25	6TO275	PTRA087008NB-V1-R2
2	14TO270	PTMC210404MD-V2-RA	26	6TO275	PTRA087008NB-V1-RA
3	14TO270	PTMC210404MD-V2-R5	27	6TO275	PTRA097008NB-V1-R2
4	14TO270	PTNC210604MD-V2-R5	28	6TO275	PTRA097008NB-V1-RA
5	14TO270	PTNC210604MD-V2-RA	29	6TO275	PTRA084308NB-V1-R2
6	14TO270	PTGA090304MD-V2-R5	30	6TO275	PTRA084308NB-V1-RA
7	4TO288	PTVA092407NF-V2-R5	31	6TO275	PTRA097058NB-V1-R2
8	4TO288	PTVA092407NF-V2-RA	32	6TO275	PTRA097058NB-V1-RA
9	4TO288	PTVA082407NF-V2-R5	33	6TO275	PTRA095908NB-V1-R2
10	4TO288	PTVA082407NF-V2-RA	34	8TO275	PXAE183708NB-V1-R2
11	4TO288	PTVA084007NF-V1-RA	35	8TO275	PXAE183708NB-V1-RA
12	4TO288	PTVA084007NF-V1-R5	36	8TO275	PXAE263708NB-V1-R2
13	6TO288	PTRA093818NF-V1-RA	37	8TO275	PXAE213708NB-V1-R2
14	6TO288	PTRA093818NF-V1-R5	38	8TO275	PXAE154808NB-V1-R2
15	6TO288	PTRA084808NF-V1-R5	39	8TO275	PXAE154808NB-V1-RA
16	6TO288	PTRA094808NF-V1-R5	40	8TO275	PXAE263708NB1V1-R2
17	6TO288	PTRA094808NF-V1-RA	41	8TO275	PXAE263708NB1V1-RA
18	6TO288	PTRA082808NF-V1-R5	42	8TO275	PTRA085908NB-V1-R2
19	6TO288	PTRA083818NF-V1-R5			
20	6TO288WHS	PXAE261808NF-V1-R5			
21	6TO288WHS	PTRA084858NF-V1-R5			
22	6TO288WHS	PTRA084858NF-V1-RA			
23	6TO288WHS	PXAE261908NF-V1-R5			
24	6TO288WHS	PXAE261908NF-V1-RA			

Anticipated impact on Fit, Form, Function:

Form, Fit and Function unaffected.

Changes to product identification resulting from this PCN:

None

Material Declaration updated due to this change:

Yes

No