



Apollo3 Blue

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN Number:	CN-AMA3B1KK-07242026	Effective Date of Change:	Jan 2027
Issue Date:	07/24/2026	Running Change?	☒ *Yes ☐ No
Contact:	Yvonne Chen	*If yes, add notes:	Customers will receive products with old or new SBT material during transition time
Email:	ychen@ambiq.com	Attachment?	☒ Yes ☐ No

Subject of Change

Change substrate material HL832NS MGC from T-glass/low CTE to E-glass/non-low CTE as recommended by ASE.

Description of Change

- ☐ Design ☒ Assembly ☐ Electrical Specification ☐ Other:
☐ Wafer Fab ☐ Test ☐ Mechanical Specification

Reason for Change

The purpose of this change is to ensure supply chain flexibility and prevent material shortage.

Part Numbers Affected

This change applies to the products listed below:

- AMA3B1KK-KBR-B0

Change Identification

- ☐ Product Mark ☐ Label ☐ Date Code ☒ Other: Date code identification

- Date code Identification:**

We will provide the first clean cut-off date code for the products with new substrate material once available.



Risk Assessment:

All external package dimensions and test requirements remain the same. There is no impact on device form, fit, function, quality, or reliability.

Reliability/Qualification Summary

Reliability testing has successfully passed full qualification. The qualified items are listed below, and the detailed qualification report is attached for your reference.

1. Pre-Conditioning (Pre-con MSL-3): 3 lots
2. High Temperature Storage Life (HTSL 1000hrs): 3 lots
3. Temperature Cycling Test (TCT 700 cycles): 3 lots
4. Unbiased HAST (uHAST 96hrs) 3 lots
5. Biased HAST (bHAST 96hrs): 3 lots

Customer Acknowledgement of Receipt

- Ambiq requires your acknowledgement of this notification within 30 days
- As this change belongs to notification-only PCN, no customer approval is required
- Ambiq will implement the change after the effective date

Summary of Changes

Substrate material HL832NS MGC changed from T-glass/low CTE to E-glass/non-low CTE.