



May 10, 2023

Dear Valued Customer,

RE: Notice of Ambiq MBB Caution Label Change to Extend Shelf Life to 24 Months

This letter is to inform you that **all** Ambiq products shipped to the customer can be preserved at **<40°C** and **<90% RH** (without opening vacuum MBB) for **2 years** starting from the date code. The parts are good to use under normal operational conditions without any quality concern and will be warranted in accordance with Ambiq's standard terms and conditions.

To reflect the shelf-life extension, Ambiq will start implementing the new MBB caution label to change the statement from **12** months to **24** months on **June 1st, 2023**. Existing Finished Goods inventory will carry the pre-change labels and will be shipped "as-is" until inventory is depleted. The new and old MBB caution label examples are shown on page 2 for your reference.


For all questions, comments, or inquiries regarding our products or service, contact our customer service representative.

Sincerely,


Yvonne Chen
Sr. QRA Manager
Ambiq Micro, Inc.

Doc#: GL2304 Rev.: A

New MBB Caution Label Example

	Caution	LEVEL
	This bag contains	3
MOISTURE-SENSITIVE DEVICES <small>If blank, see adjacent bar code label</small>		
1. Calculated shelf life in sealed bag: 24 months at <40°C and <90% relative humidity (RH)		
2. Peak package body temperature: _____ 260 _____ °C <small>If blank, see adjacent bar code label</small>		
3. After bag is opened, devices that will be subjected to reflow solder or other high temperature process must be		
a) Mounted within: _____ 168 _____ hours of factory conditions <small>If blank, see adjacent bar code label</small>		
≤ 30°C/60%RH, or		
b) Stored per J-STD-033		
4. Devices require bake, before mounting, if:		
a) Humidity Indicator Card reads > 10% for level 2a-5a devices or >60% for level 2 devices when read at 23 ± 5°C		
b) 3a or 3b are not met		
5. If baking is required, refer to IPC/JEDEC J-STD-033 for bake procedure		
Bag Seal Date: _____ <small>If blank, see adjacent bar code label</small>		
<small>Note: Level and body temperature defined by IPC/JEDEC J-STD-020</small>		
<small>JEDEC JEP113C</small>		

Old MBB Caution Label Example

	Caution	LEVEL
	This bag contains	3
MOISTURE-SENSITIVE DEVICES <small>If blank, see adjacent bar code label</small>		
1. Calculated shelf life in sealed bag: 12 months at <40°C and <90% relative humidity (RH)		
2. Peak package body temperature: _____ 260 _____ °C <small>If blank, see adjacent bar code label</small>		
3. After bag is opened, devices that will be subjected to reflow solder or other high temperature process must be		
a) Mounted within: _____ 168 _____ hours of factory conditions <small>If blank, see adjacent bar code label</small>		
≤ 30°C/60%RH, or		
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5. If baking is required, refer to IPC/JEDEC J-STD-033 for bake procedure		
Bag Seal Date: _____ <small>If blank, see adjacent bar code label</small>		
<small>Note: Level and body temperature defined by IPC/JEDEC J-STD-020</small>		
<small>JEDEC JEP113C</small>		