



## Product / Process Change Notice

No.: Z200-PCN-AM202308-03-A

Date: August 16, 2023

**Change Title : To change the lead frame material from Iron(Alloy 42) to Copper (C7025) for TSOP48 12X20MM Package at ChipMOS assembly site.**

Change Classification: ☒ Major ☐ Minor with customer notification ☐ Minor without customer notification

Change item : ☐ DataSheet ☐ Design ☐ Raw Material ☐ Wafer FAB ☒ Assembly ☐ Testing ☐ Packing ☐ Others

**Affected Product(s) :**

W29N04GVSIAA , W29N04GVSJAA , W29N04GVSIAF , W29N04GVSJAF , W29N04GWSIAA , W29N08GVSIAA , W29N08GVSIAF , W29N08GVSJAF

**Description of Change(s)**

ChipMOS informed that the lead frame vendor FuSheng announced the Iron(Alloy 42) lead frame will be EOL and the last shipment date is in April 2024, Winbond change to Copper(C7025) lead frame material.

**Reason for Change(s) :**

Change to Copper(C7025) lead frame material to meet customers delivery requirement and keep stable supplement.

**Impact of Change(s) : ( positive & negative )**

Form : No Change

Fit : No Change

Function : No Concern (Please refer to attachment I)

Reliability : No Concern (Please refer to attachment II)

Hazardous Substances: No Concern (Please refer to attachment III & IV)

**Qualification Plan/ Results :**

(1) ChipMOS is one company with IATF16949and ISO 9001 certification. (Please refer to attachment V)

(2) Based on Winbond standard package qualification result, the new production line meets criteria.

**Implementation Plan :**

The follow-up disposition of TSOP48\_12X20MM package with Iron(Alloy 42) material.

The last buy order date is: February 29, 2024

The last shipment date is: August 31, 2024

☒ Date Code: 2432 onward ☐ Lot No: \_\_\_\_\_ onward ☒ Proposed first ship date: August 31, 2024

**Originator:**  
(QA)

Hyhuang

**Approval: (QA  
Dept.  
Manager)**

Michael

**Approval:**  
(QRA Director)

John Ku

**Contact for  
Questions &  
Concerns**

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**Customer Comments:**

*Note: Please sign this notice, and return to Winbond contact within **30** days. If no response is received within **30** days, this Change Request will be assumed to meet your approval.*

**Major change:** ☐ Approval ☐ Disapproval ☐ Conditional Approval : \_\_\_\_\_.

**Minor change with customer notification:** ☐ Recognition

**Minor change without customer notification:** ☐ Approval ☐ Disapproval

☐ Conditional Approval : \_\_\_\_\_

Comment:

Date: \_\_\_\_\_

Dept. name: \_\_\_\_\_

Person in charge: \_\_\_\_\_