

Product / Process Change Notification



N° 2015-064-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

XMC4100 and XMC4200: Introduction of Taiwan Semiconductor Manufacturing Company (TSMC) as wafer fab location and ASE, Taiwan and AMKOR, Philippines as assembly location.

Important information for your attention:

- Please respond to this PCN by indicating your decision on the approval form, sign it and return to your sales partner before **04. March 2016**.
- Infineon aligns with the widely-recognized JEDEC STANDARD "JESD46", which stipulates: "Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change."

Your prompt reply will help Infineon Technologies to assure a smooth and well executed transition. If Infineon does not hear from your side by the due date, we will assume your full acceptance to this proposed change and its implementation.

Your attention and response to this matter is greatly appreciated.

Disclaimer:

If we do not receive any response within the given time limit we consider this as the acceptance of the PCN.

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SUBJECT OF CHANGE: XMC4100 and XMC4200: Introduction of Taiwan Semiconductor Manufacturing Company (TSMC) as wafer fab location and ASE, Taiwan and AMKOR, Philippines as assembly location.

PRODUCTS AFFECTED: Please refer to 1_cip15064_a attached.

REASON OF CHANGE: In alignment with Infineon's subcon strategy.

DESCRIPTION OF CHANGE:	OLD	NEW
<ul style="list-style-type: none"> ■ Wafer fab location / 	Infineon Technologies Dresden, Germany	Taiwan Semiconductor Manufacturing Company (TSMC), Taiwan
<ul style="list-style-type: none"> Wafer test location: 	Infineon, Dresden	Ardentec, Taiwan
<ul style="list-style-type: none"> Assembly location: 	Infineon Malacca, Malaysia	AMKOR, Philippines (affecting package VQFN-48)
	Infineon Malacca, Malaysia	ASE, Taiwan (affecting package TQFP-64)
<ul style="list-style-type: none"> ■ SP-number: 	refer to 3_cip15064_a	refer to 3_cip15064_a
<ul style="list-style-type: none"> ■ Marking: 	Example: XMC4200-Q48K256 AB	Example: XMC4200-Q48K256 BA
<ul style="list-style-type: none"> ■ Package version: 	PG-VQFN-48-53 PG-LQFP-64-19	PG-VQFN-48-71 PG-TQFP-64-19
<ul style="list-style-type: none"> ■ Data Sheet: 	V 1.2	V 2.3 (refer to 4_cip15064_a)

PRODUCT IDENTIFICATION:

- On Product Level:
 - Identification via lot number
 - Different SP numbers

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TIME SCHEDULE:

- Final qualification report:
- First samples available:
- Intended start of delivery:

Available

Available

April 2016

ASSESSMENT:

Based on the qualification performed, Infineon does not expect any negative impact on quality, function and reliability.

DOCUMENTATION:

1_cip15064_a: products affected

3_cip15064_a: list of SP numbers old vs new

4_cip15064_a: datasheet (V 1.3)

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XMC4100 and XMC4200: Introduction of Taiwan Semiconductor Manufacturing Company (TSMC) as wafer fab location and ASE, Taiwan and AMKOR, Philippines as assembly location



Sales Name	SP number	OPN	Package
XMC4100-F64F128 AB	SP001017564	XMC4100F64F128ABXQMA1	PG-LQFP-64-19
XMC4100-F64K128 AB	SP001017566	XMC4100F64K128ABXQSA1	PG-LQFP-64-19
XMC4100-Q48F128 AB	SP001219746	XMC4100Q48F128ABXUMA1	PG-VQFN-48-53
XMC4100-Q48K128 AB	SP001205828	XMC4100Q48K128ABXUMA1	PG-VQFN-48-53
XMC4104-F64F128 AB	SP001019662	XMC4104F64F128ABXQMA1	PG-LQFP-64-19
XMC4104-F64F64 AB	SP001019652	XMC4104F64F64ABXQMA1	PG-LQFP-64-19
XMC4104-F64K128 AB	SP001019666	XMC4104F64K128ABXQSA1	PG-LQFP-64-19
XMC4104-F64K64 AB	SP001019654	XMC4104F64K64ABXQSA1	PG-LQFP-64-19
XMC4104-Q48F128 AB	SP001219748	XMC4104Q48F128ABXUMA1	PG-VQFN-48-53
XMC4104-Q48F64 AB	SP001219752	XMC4104Q48F64ABXUMA1	PG-VQFN-48-53
XMC4104-Q48K128 AB	SP001219750	XMC4104Q48K128ABXUMA1	PG-VQFN-48-53
XMC4104-Q48K64 AB	SP001219754	XMC4104Q48K64ABXUMA1	PG-VQFN-48-53
XMC4108-F64K64 AB	SP001227214	XMC4108F64K64ABXQMA1	PG-LQFP-64-19
XMC4108-Q48K64 AB	SP001202100	XMC4108Q48K64ABXUMA1	PG-VQFN-48-53
XMC4200-F64F256 AB	SP001017490	XMC4200F64F256ABXQMA1	PG-LQFP-64-19
XMC4200-F64K256 AB	SP001017514	XMC4200F64K256ABXQSA1	PG-LQFP-64-19
XMC4200-Q48F256 AB	SP001219756	XMC4200Q48F256ABXUMA1	PG-VQFN-48-53
XMC4200-Q48K256 AB	SP001168118	XMC4200Q48K256ABXUMA1	PG-VQFN-48-53