

Product / Process Change Notification



N° 2016-017-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

XMC4400: Introduction of Taiwan Semiconductor Manufacturing Company (TSMC) as wafer fab location and ASE, Taiwan 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 **28th November 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.

Infineon Technologies AG
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Chairman of the Supervisory Board: Wolfgang Mayrhuber
Management Board: Dr. Reinhard Ploss (CEO), Dominik Asam, Dr. Helmut Gassel, Jochen Hanebeck
Registered Office: Neubiberg Commercial Register
Amtsgericht München HRB 126492

Product / Process Change Notification



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► **Products affected:** Refer to 1_cip16017_a

► **Detailed Change Information:**

Subject: XMC4400: Introduction of Taiwan Semiconductor Manufacturing Company (TSMC) as wafer fab location and ASE, Taiwan as assembly location.

Reason: In alignment with Infineon's subcon strategy.

Description:	Old	New
Wafer fab location	Infineon Technologies Dresden, Germany	Taiwan Semiconductor Manufacturing Company (TSMC), Taiwan
Wafer test location	Infineon, Dresden	Ardentec, Taiwan
Assembly location	Infineon Malacca, Malaysia	ASE, Taiwan
SP number	refer to 3_cip16017_a	refer to 3_cip16017_a
Marking	Example: XMC4400-F100K512 AB	Example: XMC4400-F100K512 BA
Package version	PG-LQFP-64-19 PG-LQFP-100-11	PG-TQFP-64-19 PG-LQFP-100-25
Data Sheet	V1.2 2015-12	V1.2 2015-12

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

► **Impact of Change:** Based on the qualification performed, Infineon does not expect any negative impact on quality, function and reliability.

► **Attachments:**
1_cip16017_a: products affected
3_cip16017_a: list of SP numbers old vs new
4_cip16017_a: datasheet (V1.2 2015-12)

► **Time Schedule:**

- Final qualification report: Available and on request
- First samples available: Available
- Intended start of delivery: 15 February 2017 or earlier with customer acceptance. Stocks available for delivery as of 1 November 2016.

If you have any questions, please do not hesitate to contact your local Sales office.

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XMC4400: Introduction of Taiwan Semiconductor Manufacturing Company (TSMC) as wafer fab location and ASE, Taiwan as assembly location



Sales Name	SP number	OPN	Package
XMC4400-F100F256 AB	SP001019638	XMC4400F100F256ABXQSA1	PG-LQFP-100-11
XMC4400-F100F512 AB	SP001017518	XMC4400F100F512ABXQMA1	PG-LQFP-100-11
XMC4400-F100F512 AB	SP001311414	XMC4400F100F512ABXUMA1	PG-LQFP-100-11
XMC4400-F100K256 AB	SP001019640	XMC4400F100K256ABXQSA1	PG-LQFP-100-11
XMC4400-F100K512 AB	SP001017494	XMC4400F100K512ABXQSA1	PG-LQFP-100-11
XMC4400-F100K512 AB	SP001205826	XMC4400F100K512ABXQMA1	PG-LQFP-100-11
XMC4400-F100K512 AB	SP001351798	XMC4400F100K512ABXUMA1	PG-LQFP-100-11
XMC4400-F64F256 AB	SP001020232	XMC4400F64F256ABXQMA1	PG-LQFP-64-19
XMC4400-F64F512 AB	SP001017492	XMC4400F64F512ABXQMA1	PG-LQFP-64-19
XMC4400-F64K256 AB	SP001020234	XMC4400F64K256ABXQSA1	PG-LQFP-64-19
XMC4400-F64K512 AB	SP001017516	XMC4400F64K512ABXQSA1	PG-LQFP-64-19
XMC4402-F100F256 AB	SP001019642	XMC4402F100F256ABXQMA1	PG-LQFP-100-11
XMC4402-F100K256 AB	SP001019646	XMC4402F100K256ABXQSA1	PG-LQFP-100-11
XMC4402-F64F256 AB	SP001019648	XMC4402F64F256ABXQMA1	PG-LQFP-64-19
XMC4402-F64K256 AB	SP001019650	XMC4402F64K256ABXQSA1	PG-LQFP-64-19



Sales Name OLD	SP number OLD	Sales Name NEW	SP number NEW
XMC4400-F100F256 AB	SP001019638	XMC4400-F100F256 BA	SP001593604
XMC4400-F100F512 AB	SP001017518	XMC4400-F100F512 BA	SP001593590
XMC4400-F100F512 AB	SP001311414	XMC4400-F100F512 BA	SP001593600
XMC4400-F100K256 AB	SP001019640	XMC4400-F100K256 BA	SP001595978
XMC4400-F100K512 AB	SP001017494	XMC4400-F100K512 BA	SP001225428
XMC4400-F100K512 AB	SP001205826	XMC4400-F100K512 BA	SP001225428
XMC4400-F100K512 AB	SP001351798	XMC4400-F100K512 BA	SP001342448
XMC4400-F64F256 AB	SP001020232	XMC4400-F64F256 BA	SP001593606
XMC4400-F64F512 AB	SP001017492	XMC4400-F64F512 BA	SP001593608
XMC4400-F64K256 AB	SP001020234	XMC4400-F64K256 BA	SP001366250
XMC4400-F64K512 AB	SP001017516	XMC4400-F64K512 BA	SP001182566
XMC4402-F100F256 AB	SP001019642	XMC4402-F100F256 BA	SP001593602
XMC4402-F100K256 AB	SP001019646	XMC4402-F100K256 BA	SP001604834
XMC4402-F64F256 AB	SP001019648	XMC4402-F64F256 BA	SP001593610
XMC4402-F64K256 AB	SP001019650	XMC4402-F64K256 BA	SP001366290