

# Product / Process Change Notification



N° 2014-066-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

## Switch from AMKOR Korea (ATK) to AMKOR Philippines (ATP) and VQFN48 package improvement and additional Wafer Production Site

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 **22. January 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."
- This PCN includes a **Product Discontinuation Notice** (JEDEC STANDARD "JESD48") on page 4.

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 by the date in the PCN above we consider this as the acceptance of the PCN. After the last order date as stated herein, purchase orders related to the unchanged product(s) cannot be accepted.

In case the customer rejects this PCN this PCN shall be considered a product discontinuation notice (PD).

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**SUBJECT OF CHANGE:** Production site transfer from ATK1 to ATP combined with improvement of package robustness. Enabling of second front end site.  
A new datasheet will be provided for each affected product.

PRODUCTS AFFECTED:	TYPE	SP N°	OPN	Package
	TLE7183F	SP000317385	TLE7183FXUMA2	PG-VQFN-48
	TLE7183F	SP000317389	TLE7183FXUMA5	PG-VQFN-48
	TLE7183F	SP000065802	TLE7183FXUMA4	PG-VQFN-48
	TLE7183F	SP000317391	TLE7183FXUMA3	PG-VQFN-48
	TLE7184F	SP000362096	TLE7184FXUMA1	PG-VQFN-48
	TLE7184F3V	SP000864920	TLE7184F3VXUMA1	PG-VQFN-48
	TLE7186F	SP000470258	TLE7186FXUMA1	PG-VQFN-48
	TLE7188F	SP000105749	TLE7188FXUMA1	PG-VQFN-48
	TLE7189F	SP000248208	TLE7189FXUMA1	PG-VQFN-48

**REASON OF CHANGE:** Closing of subcon location AMKOR Korea (ATK1)  
Increased high volume supply security.

DESCRIPTION OF CHANGE	<u>OLD</u>	<u>NEW</u>
<b>BE location</b>	AMKOR Korea (ATK1)	AMKOR Philippines (ATP)
<b>BE BOM <sup>*1</sup></b>	Punched package Gold wire bond	Sawn package Copper wire bond
<b>FE location</b>	Infineon Technologies AG, Regensburg, Germany	Infineon Technologies AG, Regensburg, Germany or Infineon Technologies AG Kulim, Malaysia
<b>FE BOM <sup>*1</sup></b>	Green	Green & robust
<b>Wafer Sort location</b>	Infineon Technologies AG Villach, Austria	Infineon Technologies AG Villach, Austria or Infineon Technologies AG Kulim, Malaysia

<sup>\*1</sup> details: new BOM in assessment

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## PRODUCT IDENTIFICATION:

The product identification can be done by SP number, OPN or package nomenclature.

## TIME SCHEDULE:

■ Engineering samples:	Available
■ Qualification samples:	Available
■ Last order date of unchanged product:	31-July-2016
■ Start of delivery of changed product:	31-Jan-2016 see page 4
■ Last delivery date of unchanged product:	31-Jan-2017 see page 4

## ASSESSMENT:

No change in function. Reliability proven via product qualification.

# PRODUCT DISCONTINUATION

PD14066A



Referring to PCN N° 2014-066-A

■ Last order date of unchanged product:	2016-07-31
■ Last delivery date of unchanged product	2017-01-31

DISCONTINUED				NEW (REPLACEMENT)			
Device	SP N°	OPN	Package	Device	SP N°	OPN	Package
TLE7183F	SP000317385	TLE7183FXUMA2	PG-VQFN-48-14	TLE7183F	SP001249792	TLE7183FXUMB1	PG-VQFN-48-72
TLE7183F	SP000317389	TLE7183FXUMA5	PG-VQFN-48-14	TLE7183F	SP001249810	TLE7183FXUMA6	PG-VQFN-48-72
TLE7183F	SP000065802	TLE7183FXUMA4	PG-VQFN-48-14	TLE7183F	SP001249812	TLE7183FXUMA8	PG-VQFN-48-72
TLE7183F	SP000317391	TLE7183FXUMA3	PG-VQFN-48-14	TLE7183F	SP001249814	TLE7183FXUMA9	PG-VQFN-48-72
TLE7184F	SP000362096	TLE7184FXUMA1	PG-VQFN-48-14	TLE7184F	SP001249824	TLE7184FXUMA2	PG-VQFN-48-72
TLE7184F3V	SP000864920	TLE7184F3VXUMA1	PG-VQFN-48-14	TLE7184F3V	SP001249826	TLE7184F3VXUMA2	PG-VQFN-48-72
TLE7186F	SP000470258	TLE7186FXUMA1	PG-VQFN-48-14	TLE7186F	SP001249840	TLE7186FXUMA2	PG-VQFN-48-72
TLE7188F	SP000105749	TLE7188FXUMA1	PG-VQFN-48-14	TLE7188F	SP001249842	TLE7188FXUMA2	PG-VQFN-48-72
TLE7189F	SP000248208	TLE7189FXUMA1	PG-VQFN-48-14	TLE7189F	SP001249844	TLE7189FXUMA2	PG-VQFN-48-72

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