

Product / Process Change Notification



N° 2014-060-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Conversion to Copper Wire Bond, additional wafer test site and Feature Improvements of TLE8261/2/3/4(-2)E

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 **24. March 2015**.
- 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 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: Conversion to Copper Wire Bond, additional Front-End test site & Feature Improvements

PRODUCTS A AFFECTED:	Type	SP n°	OPN	Package
	TLE8261-2E	SP001056114	TLE82612EXUMA2	PG-DSO-36-38
	TLE8261E	SP001056112	TLE8261EXUMA2	PG-DSO-36-38
	TLE8262-2E	SP001056116	TLE82622EXUMA2	PG-DSO-36-38
	TLE8262E	SP001056118	TLE8262EXUMA2	PG-DSO-36-38
	TLE8263-2E	SP001056126	TLE82632EXUMA2	PG-DSO-36-38
	TLE8263E	SP001056124	TLE8263EXUMA2	PG-DSO-36-38
	TLE8264-2E	SP001056122	TLE82642EXUMA2	PG-DSO-36-38
	TLE8264E	SP001056120	TLE8264EXUMA2	PG-DSO-36-38

REASON OF CHANGE: Copper wire bonding is part of Infineon's continuous drive to deliver higher performance products. A copper wire enables superior electrical, thermal and reliability performance compared to Au, making it an excellent interconnect solution for automotive packaging. Kulim is now enabled as additional Front-End test.

DESCRIPTION OF CHANGE:	<u>OLD</u>	<u>NEW</u>
■ Digital logic adaptaion		See attachment 5_cip14060
■ Wire change	Au (30μ)	Cu (30μ)
■ Wafertest	Infineon Technologies AG Villach, Austria	Infineon Technologies AG Kulim, Malaysia
■ Data sheet	Rev 1.0; package nomenclature =PG-DSO-36-38	Rev 1.1; new package nomenclature = PG-DSO-36-77
■ Order numbers	Current SP-numbers	New SP-numbers (see attachment 6_cip14060)

PRODUCT IDENTIFICATION: Different ordering codes are used for the new products.

TIME SCHEDULE:

■ Final qualification report:	available
■ First samples available:	available

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■ Start of delivery:	14-August-2015 or earlier after customer release
■ Last order date of unchanged product:	14-August-2015 (if applicable)
■ Last delivery date of unchanged product:	14-February-2016 (if applicable)

ASSESSMENT:

The effectiveness of the features improvements is ensured by the product characterization and qualification according to AEC Q100. No hardware or software changes are required on the customer side to use the new devices.

DOCUMENTATION:

4_cip14060	Datasheet
5_cip14060	Customer information
6_cip14060	Product replacement table

PRODUCT REPLACEMENT



referring to PCN N° 2014-060-A

■ Last order date of unchanged product:	2015-08-14
■ Last delivery date of unchanged product	2016-02-14

OLD (TO BE REPLACED)				NEW (REPLACEMENT)		
Device	SP N°	OPN	Package	Device	SP N°	Package
TLE8261-2E	SP001056114	TLE82612EXUMA2	PG-DSO-36-38	Product variant discontinued		
TLE8261E	SP001056112	TLE8261EXUMA2	PG-DSO-36-38	TLE8261E	SP001138784	PG-DSO-36-77
TLE8262-2E	SP001056116	TLE82622EXUMA2	PG-DSO-36-38	Product variant discontinued		
TLE8262E	SP001056118	TLE8262EXUMA2	PG-DSO-36-38	TLE8262E	SP001138796	PG-DSO-36-77
TLE8263-2E	SP001056126	TLE82632EXUMA2	PG-DSO-36-38	Product variant discontinued		
TLE8263E	SP001056124	TLE8263EXUMA2	PG-DSO-36-38	TLE8263E	SP001138808	PG-DSO-36-77
TLE8264-2E	SP001056122	TLE82642EXUMA2	PG-DSO-36-38	TLE8264-2E	SP001138816	PG-DSO-36-77
TLE8264E	SP001056120	TLE8264EXUMA2	PG-DSO-36-38	TLE8264E	SP001138826	PG-DSO-36-77

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