

Product / Process Change Notification



N° 2013-051-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Introduction of Copper wire for SPT5 products

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 **06. March 2014**.
- 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 3/3

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).

Product / Process Change Notification



N° 2013-051-A

SUBJECT OF CHANGE: Introduction of copper (Cu) instead of gold (Au) as bond wire material for TLE7230R, TLE7262E, and TLE7263E.

PRODUCTS AFFECTED:	TYPE	SP N°	OPN	Package
	TLE7262E	SP000879880	TLE7230RAUM A1	PG-DSO-36
	TLE7263E	SP000075929	TLE7263EXUM A1	PG-DSO-36
	TLE7230R	SP000311685	TLE7230RAUM A1	PG-DSO-36

REASON OF CHANGE: Copper bond wires show superior electrical and mechanical properties and a well formed, even more stable inter-metallic copper-aluminum phase compared to conventional gold bond wires on aluminum (Al) bond pads.

DESCRIPTION OF CHANGE:	<u>OLD</u>	<u>NEW</u>
<ul style="list-style-type: none"> ■ Wire bond material ■ Data sheet: Package name 	Gold (Au) PG-DSO 36-27 (TLE7230R) PG-DSO 36-24 (TLE7262E and TLE7263E)	Copper (Cu) PG-DSO 36-78 (TLE7230R) PG-DSO 36-53 (TLE7262E and TLE7263E)

PRODUCT IDENTIFICATION:

- On Packing Level:
 - Different SP number
 - Different package name extension
- On Datasheet level:
 - Different package name extension
- On Product Level:
 - Lot number

TIME SCHEDULE:

■ Final qualification report:	Available	
■ First samples available:	Available	
■ Start of delivery:	31.07.2014 or earlier after customer release	
■ Last order date of unchanged product:	31.07.2014	See page 3/3
■ Last delivery date of unchanged product:	31.01.2015	See page 3/3

ASSESSMENT: No impact on parameters as defined in the product data sheet. Reliability is proven by technology and product qualification. The update in the product data sheet is done due to the different package name extension for the product with Cu bond wires (please refer to 4_cip13051).

DOCUMENTATION:	2_cip13051	Qualification report
	3_cip13051	Customer information
	4_cip13051	updated data sheet(s)

PRODUCT DISCONTINUATION

PD13051



referring to PCN N° 2013-051-A

■ Last order date of unchanged product:	2014-07-31
■ Last delivery date of unchanged product	2015-01-31

DISCONTINUED				NEW (REPLACEMENT)		
Device	SP N°	OPN	Package	Device	SP N°	Package
TLE7262E	SP000879880	TLE7230RAUMA1	PG-DSO-36-24	TLE7262E	SP001137586	PG-DSO-36-53
TLE7263E	SP000075929	TLE7263EXUMA1	PG-DSO-36-24	TLE7263E	SP001130182	PG-DSO-36-53
TLE7230R	SP000311685	TLE7230RAUMA1	PG-DSO-36-27	TLE7230R	SP001130184	PG-DSO-36-78

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