Product / Process Change Notification

N° 2016-092-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Change of assembly to Amkor Philippines incl. bill of material (e.g. Cu wire) affecting SPT4 products with DSO-14 package and additional wafer test location Kulim.

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 **15. June 2017.**
- 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.

Infineon Technologies AG
Postal Address Headquarters: Am Campeon 1-12, D-85579 Neubiberg, Phone +49 (0)89 234-0
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

Products affected:

Sales Name	SP N°	OPN	Package
TDA16810G	SP000370423	TDA16810GXUMA1	PG-DSO-14
TLE6389-2G V50	SP000317610	TLE63892GV50XUMA1	PG-DSO-14
TLE6389-2GV	SP000317611	TLE63892GVXUMA1	PG-DSO-14
TLE6389-3G V50	SP000317612	TLE63893GV50XUMA1	PG-DSO-14

Detailed Change Information:

Subject: Change of assembly to Amkor Philippines incl. bill of material (e.g. Cu wire) affecting SPT4 products with DSO-14 package and additional wafer test location Kulim.

Reason: The assembly of the affected products will be transferred to Amkor Technologies, Philippines according to the global Infineon production strategy.
Amkor Philippines, using state-of-the-art bill of material (BoM), has a long term experience as automotive assembly subcontractor for Infineon and is TS16949 certified and Infineon robust and green qualified.
The reason for the additional wafer test location is that Infineon wants to extend its capacity and ensure secure supply for our customers.

Description:	**Old**	**New**
Assembly location	■ Infineon Technologies, Malacca, Malaysia	■ Amkor Philippines
Bill of Material (BoM)	■ Infineon robust-green BoM	■ Amkor automotive green standard BoM (including Cu wirebond)
MSL	■ 3	■ 2a
Wafer test location	■ Infineon Technologies, Villach, Austria	■ Infineon Technologies, Villach, Austria or Infineon Technologies (Kulim) Sdn. Bhd, Kulim, Malaysia

Product Identification:

- New SP/OPN Number
- On Product Level: New location marking „K“ behind datecode.

Impact of Change:

There is no change in form, fit, function and electrical performance.
Quality and reliability verified by qualification. The device dimensions will remain unchanged.
We are able to improve MSL capability from MSL3 to MSL2a.
The final test location will remain unchanged at Infineon.

Attachments:

N.A.

▸ Time Schedule:

■ Final qualification report:	Available
■ First samples available:	Available
■ Intended start of delivery:	01-November-2017 or earlier after customer release

Refer to page 4/4:

■ Last order date of unchanged product:	31-October-2017
■ Last delivery date of unchanged product:	30-April-2018

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

PRODUCT REPLACEMENT

Referring to PCN N° 2016-092-A

🟥 Last order date of unchanged product:	2017-10-31
🟥 Last delivery date of unchanged product:	2018-04-30

CURRENT				NEW (REPLACEMENT)			
Device	Ordering Code	OPN	Package	Device	Ordering Code	OPN	Package
TDA16810G	SP000370423	TDA16810GXUMA1	PG-DSO-14	TDA16810G	SP001387620	TDA16810GXUMA2	PG-DSO-14
TLE6389-2G V50	SP000317610	TLE63892GV50XUMA1	PG-DSO-14	TLE6389-2G V50	SP001388576	TLE63892GV50XUMA2	PG-DSO-14
TLE6389-2GV	SP000317611	TLE63892GVXUMA1	PG-DSO-14	TLE6389-2GV	SP001388580	TLE63892GVXUMA2	PG-DSO-14
TLE6389-3G V50	SP000317612	TLE63893GV50XUMA1	PG-DSO-14	TLE6389-3G V50	SP001388578	TLE63893GV50XUMA2	PG-DSO-14