



# INFORMATION NOTE

N° 049/15

## Different Pin Marks with new Mold Cavity Design affecting products in packages T/LQFP-144 at Infineon Malacca, Malaysia.

**Subject of Change:** Removal of ,protrusion pins' with ID marks from mold cavity leading to a change in the visual appearance of the bottom of the molded package.

**Products affected:** Please refer to document **1\_cip04915** attached.

**Reason of Change:** Harmonization and simplification of the mold design.

**Description of Change:**  
(for details refer to **3\_cip04915**)

■ Removal of ,protrusion pins' with ID marks from mold cavity:

**Old**

- 2x Ejector pins to release package from cavity
- 2x protrusion pins with ID marks

**New**

- 2x Ejector pins to release package from cavity

**Assessment:** Infineon does not expect any risk because pin marks on the package are purely the ,by-products' and do not affect form, fit & function at customer.

**Time Schedule:** September 2015

**Documentation:**

1\_cip04915 (products affected)  
3\_cip04915 (additional information)

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

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Sales Name	Current SP number	OPN	Package
SAF-XC161CJ-16F20F BB	SP000856182	XC161CJ16F20FBBFXUMA3	PG-TQFP-144-7
SAF-XC161CJ-16F40F BB	SP000224537	XC161CJ16F40FBBFXUMA1	PG-TQFP-144-7
SAF-XC161CJ-16F40F BB	SP000280516	XC161CJ16F40FBBFXQMA1	PG-TQFP-144-7
SAF-XC161CS-32F20F BB	SP000821850	XC161CS32F20FBBFXUMA2	PG-TQFP-144-7
SAF-XC161CS-32F40F BB-A	SP000224542	XC161CS32F40FBBAFXUMA1	PG-TQFP-144-7
SAF-XC167CI-16F40F BB	SP000224689	XC167CI16F40FBBFXUMA1	PG-TQFP-144-7
SAF-XC167CI-16F40F BB	SP000224690	XC167CI16F40FBBFXQMA1	PG-TQFP-144-7
SAF-XC167CI-32F40F BB-A	SP000224702	XC167CI32F40FBBAFXUMA1	PG-TQFP-144-7
SAF-XC167CI-32F40F BB-A	SP000224703	XC167CI32F40FBBAFXQMA1	PG-TQFP-144-7
SAF-XC2285M-56F80L AA	SP000455432	XC2285M56F80LAAFXUMA1	PG-LQFP-144-13
SAF-XC2287-96F66L AC	SP000427424	XC228796F66LACFXUMA2	PG-LQFP-144-4
SAF-XE167F-48F66L AC	SP000363822	XE167F48F66LACFXQMA1	PG-LQFP-144-4
SAF-XE167F-72F66L AC	SP000363813	XE167F72F66LACFXQMA1	PG-LQFP-144-4
SAF-XE167F-96F66L AC	SP000363802	XE167F96F66LACFXUMA1	PG-LQFP-144-4
SAF-XE167F-96F66L AC	SP000363803	XE167F96F66LACFXQMA1	PG-LQFP-144-4
SAF-XE167F-96F80L AC	SP000450816	XE167F96F80LACFXUMA1	PG-LQFP-144-4
SAF-XE167FH-200F100L AB	SP000845646	XE167FH200F100LABFXUMA1	PG-LQFP-144-13
SAF-XE167G-96F66L AC	SP000363805	XE167G96F66LACFXQMA1	PG-LQFP-144-4
SAF-XE167H-96F66L AC	SP000363806	XE167H96F66LACFXUMA1	PG-LQFP-144-4
SAH-XC2286M-104F66L AA	SP000875232	XC2286M104F66LAAHXUMA1	PG-LQFP-144-13
SAH-XC2286M-104F66L AB	SP001062542	XC2286M104F66LABHXUMA1	PG-LQFP-144-13
SAH-XC2286M-72F66L AA	SP000361448	XC2286M72F66LAAHXUMA1	PG-LQFP-144-13
SAH-XC2286M-72F66L AB	SP001062520	XC2286M72F66LABHXUMA1	PG-LQFP-144-13
SAH-XC2288H-200F80L AB	SP001029350	XC2288H200F80LABHXUMA1	PG-LQFP-144-13
SAK-TC1724F-192F133HR AB	SP000947156	TC1724F192F133HRABKXUMA1	PG-LQFP-144-23
SAK-TC1724F-192F133HR AC	SP001114336	TC1724F192F133HRACKXUMA2	PG-LQFP-144-23
SAK-TC1724N-192F133HR AC	SP001064674	TC1724N192F133HRACKXUMA1	PG-LQFP-144-23
SAK-TC1724N-192F80HR AB	SP000947148	TC1724N192F80HRABKXUMA1	PG-LQFP-144-23
SAK-TC1724N-192F80HR AC	SP001113384	TC1724N192F80HRACKXUMA2	PG-LQFP-144-23
SAK-TC1736-128F80HL AA	SP000804722	TC1736128F80HLAAKXUMA1	PG-LQFP-144-10
SAK-XC161CJ-16F40F BB	SP000224540	XC161CJ16F40FBBKXUMA1	PG-TQFP-144-7
SAK-XC161CS-32F40F BB-A	SP000224544	XC161CS32F40FBBKXUMA1	PG-TQFP-144-7
SAK-XC167CI-16F40F BB	SP000224694	XC167CI16F40FBBKXUMA1	PG-TQFP-144-7
SAK-XC167CI-16F40F BB	SP000224695	XC167CI16F40FBBKXQMA1	PG-TQFP-144-7
SAK-XC167CI-32F40F BB-A	SP000224706	XC167CI32F40FBBKXUMA1	PG-TQFP-144-7
SAK-XC167CI-32F40F BB-A	SP000224707	XC167CI32F40FBBKXQMA1	PG-TQFP-144-7
SAK-XC2080-96F66L AC	SP000919146	XC208096F66LACKXUMA1	PG-LQFP-144-4
SAK-XC2080M-104F80L AA	SP000904996	XC2080M104F80LAAKXUMA1	PG-LQFP-144-13
SAK-XC2080M-104F80LR AB	SP001198750	XC2080M104F80LRABKXUMA1	PG-LQFP-144-23
SAK-XC2287-96F66L AC	SP000432418	XC228796F66LACKXUMA1	PG-LQFP-144-4
SAK-XC2287-96F66L AC	SP001006036	XC228796F66LACKXQMA1	PG-LQFP-144-4
SAK-XC2287-96F80L AC	SP000300037	XC228796F80LACKXUMA1	PG-LQFP-144-4
SAK-XC2287M-104F80L AA	SP000436560	XC2287M104F80LAAKXUMA1	PG-LQFP-144-13
SAK-XC2287M-104F80LR AB	SP001115332	XC2287M104F80LRABKXUMA1	PG-LQFP-144-23
SAK-XC2288H-200F100L AB	SP000844806	XC2288H200F100LABKXUMA1	PG-LQFP-144-13
SAK-XC2288H-200F80L AB	SP000844808	XC2288H200F80LABKXUMA1	PG-LQFP-144-13
SAK-XC2288I-136F128L AA	SP000858166	XC2288I136F128LAAKXUMA1	PG-LQFP-144-16
SAK-XC2289H-200F100L AB	SP000700616	XC2289H200F100LABKXUMA1	PG-LQFP-144-13
SAK-XC2289I-136F128L AA	SP000858172	XC2289I136F128LAAKXUMA1	PG-LQFP-144-16
SAK-XC2385A-56F80L AA	SP000526950	XC2385A56F80LAAKXUMA1	PG-LQFP-144-13
SAK-XC2387A-104F80L AA	SP000448780	XC2387A104F80LAAKXUMA1	PG-LQFP-144-13

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Sales Name	Current SP number	OPN	Package
SAK-XC2387A-104F80LR AB	SP001138284	XC2387A104F80LRABKFUMA1	PG-LQFP-144-23
SAK-XC2387A-56F80L AA	SP000526972	XC2387A56F80LAAKFUMA1	PG-LQFP-144-13
SAK-XC2387C-136F100L AB	SP000722460	XC2387C136F100LABKXUMA1	PG-LQFP-144-13
SAK-XC2387C-200F100L AB	SP001060934	XC2387C200F100LABKXUMA1	PG-LQFP-144-13
SAK-XC2387E-136F128L AA	SP000886988	XC2387E136F128LAAKFUMA1	PG-LQFP-144-16
SAK-XC2388C-200F100L AB	SP000910978	XC2388C200F100LABKXUMA1	PG-LQFP-144-13
SAK-XC2388E-136F128L AA	SP000886984	XC2388E136F128LAAKXUMA1	PG-LQFP-144-16
SAK-XC2785X-104F80L AA	SP000439080	XC2785X104F80LAAKXUMA1	PG-LQFP-144-13
SAK-XC2785X-104F80LR AB	SP001198748	XC2785X104F80LRABKXUMA1	PG-LQFP-144-23
SAK-XC2786X-96F66L AC	SP000369364	XC2786X96F66LACKXUMA1	PG-LQFP-144-4
SAK-XC2787X-200F100L AB	SP000804404	XC2787X200F100LABKXUMA1	PG-LQFP-144-13
SAK-XC2788X-136F128L AA	SP000886706	XC2788X136F128LAAKXUMA1	PG-LQFP-144-16
SAK-XE167FH-200F100L AB	SP000845650	XE167FH200F100LABKXUMA1	PG-LQFP-144-13
SAK-XE167FM-72F80LR AB	SP001205782	XE167FM72F80LRABKXUMA1	PG-LQFP-144-23
XMC4500-F144F1024 AC	SP001146706	XMC4500F144F1024ACXQMA1	PG-LQFP-144-18
XMC4500-F144F768 AC	SP001146708	XMC4500F144F768ACXQMA1	PG-LQFP-144-18
XMC4500-F144K1024 AC	SP001093082	XMC4500F144K1024ACXQMA1	PG-LQFP-144-18
XMC4500-F144K768 AC	SP001146710	XMC4500F144K768ACXQMA1	PG-LQFP-144-18
XMC4504-F144F512 AC	SP001146720	XMC4504F144F512ACXQMA1	PG-LQFP-144-18