



## Customer Information Notification

201801029I

**Issue Date:** 02-Feb-2018  
**Effective Date:** 12-Feb-2018

Here's your personalized quality information concerning products Digi-Key purchased from NXP. For detailed information we invite you to view this notification online



# QUALITY

### Management Summary

For products in 14x14x1.4 and 20x20x1.4 (H)LQFP packages, NXP will change tray-supplier. Because of differences in pocket designs, old and new trays are not stackable on top of each other.

### Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Location	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Process	<input type="checkbox"/> Errata
<input type="checkbox"/> Wafer Fab Location	<input checked="" type="checkbox"/> Assembly Location	<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Equipment	<input type="checkbox"/> Electrical spec./Test coverage

Changing Packing Trays for Products in 14x14 and 20x20 (H)LQFP Packages.

## Information Notification

For products in LQFP100 (14x14x1.4 mm3 outline SOT407-1), NXP will change tray-supplier from ASE to PEAK.

For products in HLQFP144 (20x20x1.4 mm3 outlines SOT612-2, SOT602-3, SOT602-4) and LQFP144 (20x20x1.4 mm3 outline SOT486-1), NXP will change tray-supplier from ASE to ITW. For these HLQFP144 and LQFP144 packing methods NXP will also include 'Foam Buffer' (caps) to enhance the Shock Absorbance robustness.

Because of differences in the pockets design, the two trays are not stackable. Customers should not stack the different trays on top of each other.

### Why do we issue this Information Notification

With this change of supplier we reduce supply risks. Because of different pocket design, old and new trays are not stackable.

### Identification of Affected Products

The tray supplier names are indicated on the trays. See document attached in the online tool. In this case the tray supplier changes from ASE to PEAK and ITW.

## Impact

no impact to the product's functionality anticipated.

### Disposition of Old Products

Existing inventory will be shipped until depleted

## Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

**Name** Michiel Maas Geesteranus

**Position** Change coordinator

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
LPC2368FBD100,551	935282461551	LPC2368FBD100	32-BIT ARM7	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC4320FBD144,551	935296299551	LPC4320FBD144	32-bit ARM M4	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC1764FBD100,551	935287919551	LPC1764FBD100	32-bit ARM M3	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC1763FBD100,551	935291276551	LPC1763FBD100	32-bit ARM M3	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC1833JBD144E	935299792551	LPC1833JBD144	32-bit ARM M3	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC54606J256BD100E	935344366551	LPC54606J256BD100	32-bit ARM Cortex-M4	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC2378FBD144,551	935282458551	LPC2378FBD144	32-BIT ARM7	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC2929FBD144,551	935287118551	LPC2929FBD144	32-BIT ARM9	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC4333JBD144E	935299717551	LPC4333JBD144	32-bit ARM M4	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC2294HBD144/01,5	935284877551	LPC2294HBD144/01	ARM7 TDMI-S FAMILY	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC1769FBD100,551	935290522551	LPC1769FBD100	32-bit ARM M3	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC1778FBD144,551	935291591551	LPC1778FBD144	32-bit ARM M3	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC1519JBD100E	935302792551	LPC1519JBD100	32-bit ARM M3	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC2292FBD144/01,5	935284895551	LPC2292FBD144/01	SINGAL CHIP 32-BIT ARM MICROCONTR.	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC1767FBD100,551	935289808551	LPC1767FBD100	32-bit ARM M3	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC4330FBD144,551	935296296551	LPC4330FBD144	32-bit ARM M4	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC1837JBD144E	935299793551	LPC1837JBD144	32-bit ARM M3	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC54616J512BD100E	935344362551	LPC54616J512BD100	32-bit ARM Cortex-M4	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC2387FBD100,551	935284932551	LPC2387FBD100	32-BIT ARM7	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC1820FBD144,551	935296303551	LPC1820FBD144	32-bit ARM M3	SOT486-1	LQFP144	RFS	BL Microcontrollers
PRH601HL/C1,557	935298583557	PRH601HL/C1	INF CLESS COMBOS	SOT407-1	LQFP100	RFS	BL SECURE MOBILE TRANSACTIONS
LPC4337JBD144E	935299718551	LPC4337JBD144	32-bit ARM M4	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC4078FBD100E	935302571551	LPC4078FBD100	32-bit ARM M4	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC2290FBD144/01,5	935282079551	LPC2290FBD144/01	SINGAL CHIP 32-BIT ARM MICRCONTR.	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC2214FBD144/01,5	935284893551	LPC2214FBD144/01	32BIT ARM FAMILY	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC2365FBD100,551	935286017551	LPC2365FBD100	32-BIT ARM7	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC1768FBD100,551	935288608551	LPC1768FBD100	32-bit ARM M3	SOT407-1	LQFP100	RFS	BL Microcontrollers
PR601HL/C1,557	935298584557	PR601HL/C1	INF CLESS COMBOS	SOT407-1	LQFP100	DOD	BL SECURE MOBILE TRANSACTIONS
LPC11U68JBD100E	935302497551	LPC11U68JBD100	32-bit ARM M0+	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC43537JBD144E	935305914551	LPC43537JBD144	32-bit ARM M4	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC2366FBD100,551	935282462551	LPC2366FBD100	32-BIT ARM7	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC2388FBD144,551	935285417551	LPC2388FBD144	32-BIT ARM7	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC1766FBD100,551	935287917551	LPC1766FBD100	32-bit ARM M3	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC1774FBD144,551	935291572551	LPC1774FBD144	32-bit ARM M3	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC43520FBD144E	935304122551	LPC43520FBD144	32-bit ARM M4	SOT486-1	LQFP144	RFS	BL Microcontrollers
LPC54606J512BD100E	935344363551	LPC54606J512BD100	32-bit ARM Cortex-M4	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC2361FBD100,551	935286991551	LPC2361FBD100	32-BIT ARM7	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC2377FBD144,551	935286019551	LPC2377FBD144	32-BIT ARM7	SOT486-1	LQFP144	RFS	BL Microcontrollers