



Customer Information Notification

202205023I : Standardize the LQFP 14x14x1.4 tray and the 5+1 Tray Dry-Pack Packing Method

Note: This notice is NXP Company Proprietary.

Issue Date: Jun 01, 2022 **Effective date:** Sep 05, 2022

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For detailed information we invite you to [view this notification online](#)

Management summary

NXP will standardize the LQFP 14x14x1.4 tray and the 5+1 Tray Dry-Pack Packing Method for products in LQFP100 (SOT407-1 outline) and HLQFP100 (SOT1570-3 and SOT1570-5 outlines) packages. This will result in a different tray and small changes on the tray box dimension.

Change Category

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

PCN Overview

Description

NXP Semiconductors announces a Standardized Tray Supplier Initiative, for the tray configuration shipments of LQFP 14x14x1.4 devices associated with this notification. The new tray initiative results in standardized tray attributes, to allow manufacturing consolidation and avoid different tray vendor mixture issues for customers.

Additionally, the 5+1 Tray Dry-Pack Packing Method (for "557" ending) associated to this tray will come with the foam buffer protection with a slightly bigger tray box.

****No change to tray critical dimensions****

Minor change only on tray attributes, including:

- End Tab Embossment: Change from PEAK to NXP Logo
- Tray Temp: Meet or exceed current tray value
- Color Stripe: Change from blue stripe to no color stripe

This change will be implemented in week 36 of 2022 and onwards.

Please Note: During new standardized tray ramped introduction, it is recommended to not mix and not to stack different tray types.

See attached document to which explains the details.

Reason

Standardized tray, to allow manufacturing consolidation, and avoid different tray vendor mixture issues for customers of NXP tray product shipments.

Identification of Affected Products

Product identification does not change

Anticipated Impact on Form, Fit, Function, Reliability or Quality

No Impact on form, fit, function, reliability or quality

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Existing inventory of the current PEAK Tray will be shipped until depleted

Additional information

Additional documents: [view online](#)

Remarks

See presentation attached.

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:

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NXP Quality Management Team.

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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	New Orderable Part#	12NC New
LPC1548JBD100E	935302467551	LPC1548JBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC2925FBD100,551	935287116551	LPC2925FBD100	32-BIT ARM9	(L)QFP100	SOT407-1	RFS	No		
ASA068HL/N8,157	935290871157	ASA068HL/N8	Audio distribution	(L)QFP100	SOT407-1	RFS	No		
LPC1763FBD100K	935291276557	LPC1763FBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC55566JBD100K	935376396557	LPC55566JBD100	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No		
LPC5526JBD100E	935352644551	LPC5526JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No		
LPC54606J512BD100E	935344363551	LPC54606J512BD100	32-bit ARM Cortex-M4	(L)QFP100	SOT407-1	RFS	No		
LPC55526JBD100E	935380548551	LPC55526JBD100	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No		
LPC54606J256BD100K	935344366557	LPC54606J256BD100	32-bit ARM Cortex-M4	(L)QFP100	SOT407-1	RFS	No		
LPC2364FBD100K	935282463557	LPC2364FBD100	32-BIT ARM7	(L)QFP100	SOT407-1	RFS	No		
LPC54605J512BD100K	935357964557	LPC54605J512BD100	32-bit ARM Cortex-M4	(L)QFP100	SOT407-1	RFS	No		
LPC55566JBD100E	935376396551	LPC55566JBD100	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No		
LPC5512JBD100E	935385091551	LPC5512JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No		
LPC5512JBD100K	935385091557	LPC5512JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No		
LPC5514JBD100E	935385092551	LPC5514JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No		
LPC5514JBD100K	935385092557	LPC5514JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No		
LPC5514JBD100E	935385877551	LPC5514JBD100	32-bit ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No		
LPC5514JBD100K	935385877557	LPC5514JBD100	32-bit ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No		
LPC54616J512BD100E	935344362551	LPC54616J512BD100	32-bit ARM Cortex-M4	(L)QFP100	SOT407-1	RFS	No		
LPC1765FBD100K	935287918557	LPC1765FBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC55566BD100/CP3K	935392625557	LPC55566BD100/CP3370	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No		
LPC55569BD100/CP3K	935392626557	LPC55569BD100/CP3371	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No		
LPC1518JBD100E	935302764551	LPC1518JBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC11E67JBD100E	935304419551	LPC11E67JBD100	32-bit ARM M0+	(L)QFP100	SOT407-1	RFS	No		
LPC1519JBD100E	935302792551	LPC1519JBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC11E68JBD100E	935302502551	LPC11E68JBD100	32-bit ARM M0+	(L)QFP100	SOT407-1	RFS	No		

LPC54005JBD100E	935350936551	LPC54005JBD100	32-bit ARM Cortex-M4	(L)QFP100	SOT407-1	RFS	No		
PRH601HL/C1,557	935298583557	PRH601HL/C1	INF CLESS COMBOS	(L)QFP100	SOT407-1	RFS	No		
LPC54016JBD100E	935350938551	LPC54016JBD100	32-bit ARM Cortex-M4	(L)QFP100	SOT407-1	RFS	No		
LPC5534JBD100E	935385094551	LPC5534JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-5	RFS	No		
LPC5534JBD100K	935385094557	LPC5534JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-5	RFS	No		
LPC5536JBD100E	935385095551	LPC5536JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-5	RFS	No		
LPC5536JBD100K	935385095557	LPC5536JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-5	RFS	No		
LPC1768FBD100K	935288608557	LPC1768FBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC1768FBD100,551	935288608551	LPC1768FBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC1769FBD100/P1K	935430318557	LPC1769FBD100/P1	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC2368FBD100,551	935282461551	LPC2368FBD100	32-BIT ARM7	(L)QFP100	SOT407-1	RFS	No		
LPC2387FBD100,551	935284932551	LPC2387FBD100	32-BIT ARM7	(L)QFP100	SOT407-1	RFS	No		
LPC2387FBD100K	935284932557	LPC2387FBD100	32-BIT ARM7	(L)QFP100	SOT407-1	RFS	No		
LPC2365FBD100,551	935286017551	LPC2365FBD100	32-BIT ARM7	(L)QFP100	SOT407-1	RFS	No		
LPC2367FBD100,551	935286018551	LPC2367FBD100	32-BIT ARM7	(L)QFP100	SOT407-1	RFS	No		
LPC2362FBD100,551	935286744551	LPC2362FBD100	32-BIT ARM7	(L)QFP100	SOT407-1	RFS	No		
LPC2361FBD100,551	935286991551	LPC2361FBD100	32-BIT ARM7	(L)QFP100	SOT407-1	RFS	No		
LPC1766FBD100K	935287917557	LPC1766FBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC1765FBD100,551	935287918551	LPC1765FBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC1764FBD100,551	935287919551	LPC1764FBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC1764FBD100K	935287919557	LPC1764FBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC12D27FBD100/301	935295198551	LPC12D27FBD100/301	32-bit ARM M0 Core	(L)QFP100	SOT407-1	RFS	No		
LPC1549JBD100K	935302466557	LPC1549JBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC4078FBD100K	935302571557	LPC4078FBD100	32-bit ARM M4	(L)QFP100	SOT407-1	RFS	No		
LPC11U67JBD100E	935304421551	LPC11U67JBD100	32-bit ARM M0+	(L)QFP100	SOT407-1	RFS	No		
LPC5528JBD100E	935352645551	LPC5528JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No		
LPC5528JBD100K	935352645557	LPC5528JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No		
LPC55569JBD100E	935376394551	LPC55569JBD100	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No		
LPC55569JBD100K	935376394557	LPC55569JBD100	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No		
LPC55528JBD100E	935380552551	LPC55528JBD100	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No		
LPC5516JBD100E	935385093551	LPC5516JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No		
LPC5516JBD100K	935385093557	LPC5516JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No		
LPC55516JBD100E	935385874551	LPC55516JBD100	32-bit ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No		
LPC55516JBD100K	935385874557	LPC55516JBD100	32-bit ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No		
LPC54005BD100/CP3E	935394528551	LPC54005BD100/CP3372	ARM Cortex-M4	(L)QFP100	SOT407-1	RFS	No		
LPC54016BD100/CP3E	935394743551	LPC54016BD100/CP3374	ARM Cortex M4, Bosch CAN FD NonAuto	(L)QFP100	SOT407-1	RFS	No		
LPC2364HBD100,551	935288799551	LPC2364HBD100	32-bit ARM	(L)QFP100	SOT407-1	RFS	No		
LPC11D14FBD100/302	935296591551	LPC11D14FBD100/302	32-bit ARM M0 Core	(L)QFP100	SOT407-1	RFS	No		
LPC1766FBD100,551	935287917551	LPC1766FBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC1767FBD100,551	935289808551	LPC1767FBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC1763FBD100,551	935291276551	LPC1763FBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC11U68JBD100E	935302497551	LPC11U68JBD100	32-bit ARM M0+	(L)QFP100	SOT407-1	RFS	No		
LPC2368FBD100K	935282461557	LPC2368FBD100	32-BIT ARM7	(L)QFP100	SOT407-1	RFS	No		
LPC545005JBD100E	935350954551	LPC545005JBD100	32-bit ARM Cortex-M4	(L)QFP100	SOT407-1	RFS	No		
LPC545016JBD100E	935350956551	LPC545016JBD100	32-bit ARM Cortex-M4	(L)QFP100	SOT407-1	RFS	No		
LPC55526JBD100K	935380548557	LPC55526JBD100	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No		
LPC2366FBD100,551	935282462551	LPC2366FBD100	32-BIT ARM7	(L)QFP100	SOT407-1	RFS	No		
LPC2364FBD100,551	935282463551	LPC2364FBD100	32-BIT ARM7	(L)QFP100	SOT407-1	RFS	No		
LPC1769FBD100,551	935290522551	LPC1769FBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC1549JBD100E	935302466551	LPC1549JBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC4078FBD100E	935302571551	LPC4078FBD100	32-bit ARM M4	(L)QFP100	SOT407-1	RFS	No		
LPC54606J256BD100E	935344366551	LPC54606J256BD100	32-bit ARM Cortex-M4	(L)QFP100	SOT407-1	RFS	No		
LPC54605J512BD100E	935357964551	LPC54605J512BD100	32-bit ARM Cortex-M4	(L)QFP100	SOT407-1	RFS	No		
LPC1767FBD100K	935289808557	LPC1767FBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC11U68JBD100K	935302497557	LPC11U68JBD100	32-bit ARM M0+	(L)QFP100	SOT407-1	RFS	No		
LPC54605J256BD100E	935357965551	LPC54605J256BD100	32-bit ARM Cortex-M4	(L)QFP100	SOT407-1	RFS	No		
LPC2366FBD100K	935282462557	LPC2366FBD100	32-BIT ARM7	(L)QFP100	SOT407-1	RFS	No		
LPC1769FBD100K	935290522557	LPC1769FBD100	32-bit ARM M3	(L)QFP100	SOT407-1	RFS	No		
LPC5526JBD100K	935352644557	LPC5526JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No		
LPC55528JBD100K	935380552557	LPC55528JBD100	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No		
LPC55534JBD100K	935385096557	LPC55534JBD100	32-bit ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-5	DEV	No		
LPC55536JBD100K	935385097557	LPC55536JBD100	32-bit ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-5	DEV	No		
LPC55536JBD100E	935385097551	LPC55536JBD100	32-bit ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-5	DEV	No		
LPC55534JBD100E	935385096551	LPC55534JBD100	32-bit ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-5	DEV	No		
PXAH30KFBE,557	935264440557	PXAH30KFBE	XA W/4 UARTS	(L)QFP100	SOT407-1	DOD	No		