



Final Product Change Notification

202205017F01 : For LPC55(S)6x and LPC552x, GlobalFoundries Fab1 Will be Added as a Second Source Wafer Fab

Note: This notice is NXP Company Proprietary.

Issue Date: Aug 29, 2022 **Effective date:** Nov 27, 2022

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Management summary

For LPC55(S)6x and LPC552x, GlobalFoundries Fab1 will be added as a second source wafer fab.

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 checked="" type="checkbox"/> Wafer Fab Location	<input type="checkbox"/> Assembly Location	<input 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

For LPC55(S)6x and LPC552x products, The current wafer fab is GlobalFoundries Fab7 (GF7). GlobalFoundries Fab1 (GF1) has been qualified and will be added as a second source wafer fab.

- No change in data sheet
- No change in ordering part number / 12NC
- Final test location remains unchanged at NXP Assembly and Test Kaohsiung (ATKH)

Reason

To ensure wafer supply with increased capacity.

Identification of Affected Products

Top Side Marking

The wafer fab can be identified on the top side marking. The first character of the 3rd line in the top side marking is the fab code. L = GF1, s = GF7

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment Nov 27, 2022

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

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

Disposition of Old Products

Customer may receive product built from either wafer fab.

Additional information

Self qualification: [view online](#)

Additional documents: [view online](#)

Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Sep 28, 2022.

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	Product Line
LPC5569JBD100Y	935376394518	LPC5569JBD100	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5569JBD100E	935376394551	LPC5569JBD100	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5569JBD100K	935376394557	LPC5569JBD100	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5566JBD100Y	935376396518	LPC5566JBD100	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5566JBD100E	935376396551	LPC5566JBD100	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5566JBD100K	935376396557	LPC5566JBD100	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5566JEV98Y	935384772518	LPC5566JEV98	32-bit ARM Cortex-M33, QDDKEY/PUF	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC5566JEV98E	935384772551	LPC5566JEV98	32-bit ARM Cortex-M33, QDDKEY/PUF	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC5566JEV98K	935384772557	LPC5566JEV98	32-bit ARM Cortex-M33, QDDKEY/PUF	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC5569JEV98Y	935384773518	LPC5569JEV98	32-bit ARM Cortex-M33, QDDKEY/PUF	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC5569JEV98E	935384773551	LPC5569JEV98	32-bit ARM Cortex-M33, QDDKEY/PUF	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC5569JEV98K	935384773557	LPC5569JEV98	32-bit ARM Cortex-M33, QDDKEY/PUF	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC5569JBD64Y	935387729518	LPC5569JBD64	Arm Cortex-M33, QDDKEY/PUF	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5569JBD64E	935387729551	LPC5569JBD64	Arm Cortex-M33, QDDKEY/PUF	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5569JBD64K	935387729557	LPC5569JBD64	Arm Cortex-M33, QDDKEY/PUF	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5566JBD64Y	935387731518	LPC5566JBD64	Arm Cortex-M33, QDDKEY/PUF	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5566JBD64E	935387731551	LPC5566JBD64	Arm Cortex-M33, QDDKEY/PUF	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5566JBD64K	935387731557	LPC5566JBD64	Arm Cortex-M33, QDDKEY/PUF	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5566BD100/CP3K	935392625557	LPC5566BD100/CP3370	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5569BD100/CP3Y	935392626518	LPC5569BD100/CP3371	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5569BD100/CP3K	935392626557	LPC5569BD100/CP3371	ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5526JBD100Y	935352644518	LPC5526JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5526JBD100E	935352644551	LPC5526JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5526JBD100K	935352644557	LPC5526JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5528JBD100Y	935352645518	LPC5528JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5528JBD100E	935352645551	LPC5528JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5528JBD100K	935352645557	LPC5528JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC5528JBD64Y	935380555518	LPC5528JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5528JBD64E	935380555551	LPC5528JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5528JBD64K	935380555557	LPC5528JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5526JBD64Y	935380556518	LPC5526JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5526JBD64E	935380556551	LPC5526JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5526JBD64K	935380556557	LPC5526JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5526JEV98Y	935386789518	LPC5526JEV98	32-bit ARM Cortex-M33	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC5526JEV98E	935386789551	LPC5526JEV98	32-bit ARM Cortex-M33	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC5526JEV98K	935386789557	LPC5526JEV98	32-bit ARM Cortex-M33	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC5528JEV98Y	935386791518	LPC5528JEV98	32-bit ARM Cortex-M33	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC5528JEV98E	935386791551	LPC5528JEV98	32-bit ARM Cortex-M33	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC5528JEV98K	935386791557	LPC5528JEV98	32-bit ARM Cortex-M33	(V)FBGA98M	SOT1982-1	RFS	No	BLM1