



Final Product Change Notification

202303009F01 : For LPC55(S)1x and LPC55(S)0x, GlobalFoundries Fab1 Will be Added as a Second Source Wafer Fab

Note: This notice is NXP Company Proprietary.

Issue Date: Mar 19, 2023 **Effective date:** Jun 17, 2023

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Management summary

For LPC55(S)1x and LPC55(S)0x, 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)1x and LPC55(S)0x 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 for products in HLQFP100, HTQFP64, VFBGA59 and HVQFN48 packages.

- No change in data sheet
- No change in ordering part number / 12NC
- Final test location remains unchanged at NXP Assembly and Test Kaohsiung (ATKH)
- Product in VFBGA98 are not included.

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 last 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 Jun 08, 2023

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 Apr 18, 2023.

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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Orderable Part Number#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
LPC55516JBD100Y	935385874518	LPC55516JBD100	32-bit ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55516JBD100E	935385874551	LPC55516JBD100	32-bit ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55516JBD100K	935385874557	LPC55516JBD100	32-bit ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55516JBD64Y	935385876518	LPC55516JBD64	32-bit ARM Cortex-M33, QDDKEY/PUF	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55516JBD64E	935385876551	LPC55516JBD64	32-bit ARM Cortex-M33, QDDKEY/PUF	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55516JBD64K	935385876557	LPC55516JBD64	32-bit ARM Cortex-M33, QDDKEY/PUF	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55514JBD100Y	935385877518	LPC55514JBD100	32-bit ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55514JBD100E	935385877551	LPC55514JBD100	32-bit ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55514JBD100K	935385877557	LPC55514JBD100	32-bit ARM Cortex-M33, QDDKEY/PUF	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55514JBD64Y	935385878518	LPC55514JBD64	32-bit ARM Cortex-M33, QDDKEY/PUF	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55514JBD64E	935385878551	LPC55514JBD64	32-bit ARM Cortex-M33, QDDKEY/PUF	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55514JBD64K	935385878557	LPC55514JBD64	32-bit ARM Cortex-M33, QDDKEY/PUF	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55516-EVK	935392844598	LPC55516-EVK	LPC55516-EVK			RFS	No	BLM1
LPC55514JEV59Y	935434232518	LPC55514JEV59	Cortex-M33,Bosch CAN FD NonAuto	(V)FBGA59M	SOT2162-1	RFS	No	BLM1
LPC55514JEV59E	935434232551	LPC55514JEV59	Cortex-M33,Bosch CAN FD NonAuto	(V)FBGA59M	SOT2162-1	RFS	No	BLM1
LPC55516JEV59Y	935434233518	LPC55516JEV59	Cortex-M33,Bosch CAN FD NonAuto	(V)FBGA59M	SOT2162-1	RFS	No	BLM1
LPC55516JEV59E	935434233551	LPC55516JEV59	Cortex-M33,Bosch CAN FD NonAuto	(V)FBGA59M	SOT2162-1	RFS	No	BLM1
LPC55512JBD64Y	935385027518	LPC55512JBD64	32-bit ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55512JBD64E	935385027551	LPC55512JBD64	32-bit ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55512JBD64K	935385027557	LPC55512JBD64	32-bit ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55514JBD64Y	935385028518	LPC55514JBD64	32-bit ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55514JBD64E	935385028551	LPC55514JBD64	32-bit ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55514JBD64K	935385028557	LPC55514JBD64	32-bit ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55516JBD64Y	935385029518	LPC55516JBD64	32-bit ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55516JBD64E	935385029551	LPC55516JBD64	32-bit ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55516JBD64K	935385029557	LPC55516JBD64	32-bit ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55512JBD100Y	935385091518	LPC55512JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55512JBD100E	935385091551	LPC55512JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55512JBD100K	935385091557	LPC55512JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55514JBD100Y	935385092518	LPC55514JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55514JBD100E	935385092551	LPC55514JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55514JBD100K	935385092557	LPC55514JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55516JBD100Y	935385093518	LPC55516JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55516JBD100E	935385093551	LPC55516JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55516JBD100K	935385093557	LPC55516JBD100	32-bit ARM Cortex-M33	H(L)QFP100	SOT1570-3	RFS	No	BLM1
LPC55514JEV59Y	935434229518	LPC55514JEV59	Cortex-M33,Bosch CAN FD NonAuto	(V)FBGA59M	SOT2162-1	RFS	No	BLM1
LPC55514JEV59E	935434229551	LPC55514JEV59	Cortex-M33,Bosch CAN FD NonAuto	(V)FBGA59M	SOT2162-1	RFS	No	BLM1
LPC55516JEV59Y	935434231518	LPC55516JEV59	Cortex-M33,Bosch CAN FD NonAuto	(V)FBGA59M	SOT2162-1	RFS	No	BLM1
LPC55516JEV59E	935434231551	LPC55516JEV59	Cortex-M33,Bosch CAN FD NonAuto	(V)FBGA59M	SOT2162-1	RFS	No	BLM1
LPC55504JBD64Y	935408609518	LPC55504JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55504JBD64E	935408609551	LPC55504JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55504JBD64K	935408609557	LPC55504JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55504JH48J	935408611118	LPC55504JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1
LPC55504JH48QL	935408611151	LPC55504JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1
LPC55504JH48EL	935408611157	LPC55504JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1
LPC55506JBD64Y	935408612518	LPC55506JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55506JBD64E	935408612551	LPC55506JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55506JBD64K	935408612557	LPC55506JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC55506JH48J	935408613118	LPC55506JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1
LPC55506JH48QL	935408613151	LPC55506JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1
LPC55506JH48EL	935408613157	LPC55506JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1
LPC55506-EVK	935410389598	LPC55506-EVK	LPC55506-EVK			RFS	No	BLM1
LPC5502JBD64Y	935408614518	LPC5502JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5502JBD64E	935408614551	LPC5502JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5502JBD64K	935408614557	LPC5502JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5502JH48J	935408615118	LPC5502JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1
LPC5502JH48QL	935408615151	LPC5502JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1
LPC5502JH48EL	935408615157	LPC5502JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1
LPC5504JBD64Y	935408617518	LPC5504JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5504JBD64E	935408617551	LPC5504JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5504JBD64K	935408617557	LPC5504JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5504JH48J	935408618118	LPC5504JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1
LPC5504JH48QL	935408618151	LPC5504JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1
LPC5504JH48EL	935408618157	LPC5504JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1
LPC5506JBD64Y	935408621518	LPC5506JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5506JBD64E	935408621551	LPC5506JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5506JBD64K	935408621557	LPC5506JBD64	ARM Cortex-M33	H(T)QFP64	SOT855-5	RFS	No	BLM1
LPC5506JH48J	935408622118	LPC5506JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1
LPC5506JH48QL	935408622151	LPC5506JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1
LPC5506JH48EL	935408622157	LPC5506JH48	32-bit ARM Cortex-M0+	H(V)QFN48	SOT619-28	RFS	No	BLM1