



Final Product Change Notification

202312004F01 : For LPC55(S)1x in VFBGA98, GlobalFoundries Fab1 Will be Added as a Second Source Wafer Fab

Note: This notice is NXP Company Proprietary.

Issue Date: Dec 21, 2023 **Effective date:** Mar 20, 2024

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Management summary

For LPC55(S)1x in VFBGA98, GlobalFoundries Fab1 (GF1) 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 products in VFBGA98, 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 last line in the top side marking is the fab code. L = GF1, s = GF7.

Product Availability

Sample Information

Samples are available from Jan 04, 2024

Production

Planned first shipment Mar 20, 2024

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 Jan 20, 2024.

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
LPC5516JEV98Y	935385879518	LPC5516JEV98	32-bit ARM Cortex-M33	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC5516JEV98E	935385879551	LPC5516JEV98	32-bit ARM Cortex-M33	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC5516JEV98K	935385879557	LPC5516JEV98	32-bit ARM Cortex-M33	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC55S16JEV98Y	935385875518	LPC55S16JEV98	32-bit ARM Cortex-M33, QDDKEY/PUF	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC55S16JEV98E	935385875551	LPC55S16JEV98	32-bit ARM Cortex-M33, QDDKEY/PUF	(V)FBGA98M	SOT1982-1	RFS	No	BLM1
LPC55S16JEV98K	935385875557	LPC55S16JEV98	32-bit ARM Cortex-M33, QDDKEY/PUF	(V)FBGA98M	SOT1982-1	RFS	No	BLM1