



Final Product Change Notification

202407027F01 : LQFP80 Products Assembly Site Expansion from TFME to TFME-T

Note: This notice is NXP Company
Proprietary.

Issue Date: Mar 05, 2025 **Effective Date:** Jun 03, 2025

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For detailed information we invite you to view this notification online

Change Category

☐ Wafer Fab Process	☐ Assembly Process	☒ Product Marking	☐ Test Process	☐ Design
☐ Wafer Fab Materials	☒ Assembly Materials	☐ Mechanical Specification	☐ Test Equipment	☐ Errata
☐ Wafer Fab Location	☒ Assembly Location	☐ Packing/Shipping/Labeling	☐ Test Location	☐ Electrical spec./Test coverage
☐ Firmware ☐ Other				

Notification Overview

Description

NXP Semiconductors is announcing the assembly site expansion for the LQFP80 12*12 packages from current TongFu Microelectronics Co.,Ltd, Nantong. China (TFME) to Tongfu Tongke (Nantong) Microelectronics Co.,LTD (TFME-T). Assembly site expansion was successfully qualified adhering to NXP specifications. Please see the attached file(s) for additional details and contact your NXP sales or marketing representative for additional information.

Reason

Qualification of the TFME-T assembly Facility is to ensure manufacturing flexibility and customer supply assurance.

Identification of Affected Products

Top Side Marking

Top Side Marking

The first one/two characters of the third line will indicate assembly site:

XN=TFME

VX=TFME-T

Product Availability

Sample Information

Samples are available from Mar 03, 2025

Sample Part Number: PCF51MM256VLK
Original Part Number: MCF51MM256VLK

For other samples, NXP will provide upon customer's request, or customer contact Sales/Marketer.

Production

Planned first shipment May 30, 2025

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 data sheet

Disposition of Old Products

NXP will reserve the right to ship from both locations based on market demand situation.

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 04, 2025.

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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12NC	Orderable Part Number	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
935317605557	MK10DN512VLK10	MK10DN512VLK10	Kinetis 512K	(L)QFP80	SOT315-2	RFS	No	BLM1
935311026557	MK10DX256VLK7	MK10DX256VLK7	Kinetis 256K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935313065557	MK20DN512VLK10	MK20DN512VLK10	Kinetis 512K USB	(L)QFP80	SOT315-2	RFS	No	BLM1
935323691557	MK22FX512AVLK12	MK22FX512AVLK12	K20 1MB	(L)QFP80	SOT315-2	RFS	No	BLM1
935324551557	MK20DX256VLK7	MK20DX256VLK7	Kinetis 256K USB	(L)QFP80	SOT315-2	RFS	No	BLM1
935319018557	MC9S08LC60LK	MC9S08LC60LK	8 BIT, 60K FLASH-LOW VOL	(L)QFP80	SOT315-2	RFS	No	BLM1
935319888557	MC56F84766VLK	MC56F84766VLK	32bit, 256k Flash, 2kB Fle	(L)QFP80	SOT315-2	RFS	No	BLM1
935323324557	MKL25Z128VLK4	MKL25Z128VLK4	32 BIT 128k FLASH	(L)QFP80	SOT315-2	RFS	No	BLM1
935324828557	MK11DX256AVLK5	MK11DX256AVLK5	ARM+256Kb +Drylce	(L)QFP80	SOT315-2	RFS	No	BLM1
935313065528	MK20DN512VLK10R	MK20DN512VLK10R	Kinetis 512K USB	(L)QFP80	SOT315-2	RFS	No	BLM1
935323834557	MK22FN1M0AVLK12	MK22FN1M0AVLK12	K20 1MB	(L)QFP80	SOT315-2	RFS	No	BLM1
935324541557	MK20DX256VLK10	MK20DX256VLK10	KINETIS 256K Flex USB	(L)QFP80	SOT315-2	RFS	No	BLM1
935324551528	MK20DX256VLK7R	MK20DX256VLK7R	Kinetis 256K USB	(L)QFP80	SOT315-2	RFS	No	BLM1
935324609557	MKL15Z128VLK4	MKL15Z128VLK4	32 BIT, ARM M0+ CORE, 128K	(L)QFP80	SOT315-2	RFS	No	BLM1
935311026528	MK10DX256VLK7R	MK10DX256VLK7R	Kinetis 256K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935314726557	MK10DX64VLK7	MK10DX64VLK7	Kinetis 64K	(L)QFP80	SOT315-2	RFS	No	BLM1
935314757557	MK10DX128VLK7	MK10DX128VLK7	Kinetis 128K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935317605528	MK10DN512VLK10R	MK10DN512VLK10R	Kinetis 512K	(L)QFP80	SOT315-2	RFS	No	BLM1
935323284557	MK20DX128VLK7	MK20DX128VLK7	Kinetis 128K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935324526557	MC56F84786VLK	MC56F84786VLK	32bit, 256k Flash, 2kB Fle	(L)QFP80	SOT315-2	RFS	No	BLM1
935312094557	MKL14Z64VLK4	MKL14Z64VLK4	ARM 32BIT, 64K FLASH, 80	(L)QFP80	SOT315-2	RFS	No	BLM1
935314825557	MK12DX256VLK5	MK12DX256VLK5	ARM+256Kb	(L)QFP80	SOT315-2	RFS	No	BLM1
935315355557	MK21DN512AVLK5	MK21DN512AVLK5	ARM+512Kb +USB +Drylce	(L)QFP80	SOT315-2	RFS	No	BLM1
935315873528	MC56F84565VLKR	MC56F84565VLKR	32bit, 128k Flash, 2kB Fle	(L)QFP80	SOT315-2	RFS	No	BLM1
935316235557	MK11DN512AVLK5	MK11DN512AVLK5	ARM+512Kb + Drylce	(L)QFP80	SOT315-2	RFS	No	BLM1
935317617557	MK40DX256VLK7	MK40DX256VLK7	Kinetis 256K USB+SLCD	(L)QFP80	SOT315-2	RFS	No	BLM1
935319978557	MK12DN512VLK5	MK12DN512VLK5	ARM+512Kb	(L)QFP80	SOT315-2	RFS	No	BLM1
935320347557	MK21DX256AVLK5	MK21DX256AVLK5	ARM+256Kb +USB +Drylce	(L)QFP80	SOT315-2	RFS	No	BLM1
935320407557	MKL33Z64VLK4	MKL33Z64VLK4	Kinetis 48MHz, LQFP 80	(L)QFP80	SOT315-2	RFS	No	BLM1
935321792557	MK22DX256VLK5	MK22DX256VLK5	ARM+256Kb +USB	(L)QFP80	SOT315-2	RFS	No	BLM1
935323331557	MK22DN512VLK5	MK22DN512VLK5	ARM+512Kb +USB	(L)QFP80	SOT315-2	RFS	No	BLM1
935312957557	MKL82Z128VLK7	MKL82Z128VLK7	KL80 80LQFP	(L)QFP80	SOT315-2	RFS	No	BLM1
935314757528	MK10DX128VLK7R	MK10DX128VLK7R	Kinetis 128K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935315398557	MK11DX128AVLK5	MK11DX128AVLK5	ARM+128Kb +Drylce	(L)QFP80	SOT315-2	RFS	No	BLM1
935315483557	MKL13Z64VLK4	MKL13Z64VLK4	Kinetis 48MHz, LQFP 80	(L)QFP80	SOT315-2	RFS	No	BLM1
935316201557	MKL81Z128VLK7	MKL81Z128VLK7	KL80 80LQFP	(L)QFP80	SOT315-2	RFS	No	BLM1
935318176557	MK22FN1M0VLK12	MK22FN1M0VLK12	K20 1MB	(L)QFP80	SOT315-2	RFS	No	BLM1
935319784557	MK20DX256ZVLK10	MK20DX256ZVLK10	Kinetis 256K USB	(L)QFP80	SOT315-2	RFS	No	BLM1
935319887557	MK40DN512VLK10	MK40DN512VLK10	Kinetis 512K USB LCD	(L)QFP80	SOT315-2	RFS	No	BLM1
935319888528	MC56F84766VLKR	MC56F84766VLKR	32bit, 256k Flash, 2kB Fle	(L)QFP80	SOT315-2	RFS	No	BLM1
935321746557	MK10DN512ZVLK10	MK10DN512ZVLK10	KINETIS 512K	(L)QFP80	SOT315-2	RFS	No	BLM1
935321789557	MK12DX128VLK5	MK12DX128VLK5	ARM+128Kb	(L)QFP80	SOT315-2	RFS	No	BLM1
935324541528	MK20DX256VLK10R	MK20DX256VLK10R	KINETIS 256K Flex USB	(L)QFP80	SOT315-2	RFS	No	BLM1
935389829557	MC56F83786VLK	MC56F83786VLK	NEVIS3, 80LQFP	(L)QFP80	SOT315-2	RFS	No	BLM1
935310131557	MCF51MM256CLK	MCF51MM256CLK	32BIT 256K FLASH	(L)QFP80	SOT315-2	RFS	No	BLM1
935311526557	MK22FX512VLK12	MK22FX512VLK12	K20 1MB	(L)QFP80	SOT315-2	RFS	No	BLM1
935312075557	MK21DX128AVLK5	MK21DX128AVLK5	ARM+128Kb +USB +Drylce	(L)QFP80	SOT315-2	RFS	No	BLM1
935315873557	MC56F84565VLK	MC56F84565VLK	32bit, 128k Flash, 2kB Fle	(L)QFP80	SOT315-2	RFS	No	BLM1
935316235528	MK11DN512AVLK5R	MK11DN512AVLK5R	ARM+512Kb +Drylce	(L)QFP80	SOT315-2	RFS	No	BLM1
935321022557	MC9S08LC36LK	MC9S08LC36LK	8 BIT, 36K FLASH-LOW VOL	(L)QFP80	SOT315-2	RFS	No	BLM1
935325681557	MK30DX128VLK7	MK30DX128VLK7	Kinetis 128K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935325719557	MKL25Z64VLK4	MKL25Z64VLK4	32 BIT 64K FLASH	(L)QFP80	SOT315-2	RFS	No	BLM1
935310935557	MK50DX256CLK7	MK50DX256CLK7	Kinetis 256K	(L)QFP80	SOT315-2	RFS	No	BLM1
935312094528	MKL14Z64VLK4R	MKL14Z64VLK4R	ARM 32BIT, 64K FLASH, 80	(L)QFP80	SOT315-2	RFS	No	BLM1
935314653557	MK20DN512ZVLK10	MK20DN512ZVLK10	Kinetis 512K USB	(L)QFP80	SOT315-2	RFS	No	BLM1
935314726528	MK10DX64VLK7R	MK10DX64VLK7R	Kinetis 64K	(L)QFP80	SOT315-2	RFS	No	BLM1
935314758557	MK20DX64VLK7	MK20DX64VLK7	Kinetis 64K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935317755557	MKL15Z64VLK4	MKL15Z64VLK4	32 BIT, ARM M0+ CORE, 64K	(L)QFP80	SOT315-2	RFS	No	BLM1
935317835557	MKL14Z32VLK4	MKL14Z32VLK4	ARM 32BIT, 32K FLASH, 80	(L)QFP80	SOT315-2	RFS	No	BLM1
935318176528	MK22FN1M0VLK12R	MK22FN1M0VLK12R	K20 1MB	(L)QFP80	SOT315-2	RFS	No	BLM1
935318487557	MKL33Z32VLK4	MKL33Z32VLK4	Kinetis 48MHz, LQFP 80	(L)QFP80	SOT315-2	RFS	No	BLM1
935319978528	MK12DN512VLK5R	MK12DN512VLK5R	ARM+512Kb	(L)QFP80	SOT315-2	RFS	No	BLM1
935321746528	MK10DN512ZVLK10R	MK10DN512ZVLK10R	KINETIS 512K	(L)QFP80	SOT315-2	RFS	No	BLM1
935323004557	MC9S08IE128CLK	MC9S08IE128CLK	8BIT 128K FLASH	(L)QFP80	SOT315-2	RFS	No	BLM1
935323005557	MC9S08MM128CLK	MC9S08MM128CLK	8BIT 128K FLASH	(L)QFP80	SOT315-2	RFS	No	BLM1
935323311557	MK50DX256CLK10	MK50DX256CLK10	Kinetis 256K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935323834528	MK22FN1M0AVLK12R	MK22FN1M0AVLK12R	K20 1MB	(L)QFP80	SOT315-2	RFS	No	BLM1
935324341557	MCF51JE256VLK	MCF51JE256VLK	256k flash-non-analog IP	(L)QFP80	SOT315-2	RFS	No	BLM1
935311061557	MK40DX128VLK7	MK40DX128VLK7	Kinetis 128K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935311122557	MK51DX256CLK10	MK51DX256CLK10	Kinetis 256K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935312502557	MKL13Z32VLK4	MKL13Z32VLK4	Kinetis 48MHz, LQFP 80	(L)QFP80	SOT315-2	RFS	No	BLM1
935312957528	MKL82Z128VLK7R	MKL82Z128VLK7R	KL80 80LQFP	(L)QFP80	SOT315-2	RFS	No	BLM1
935314224557	MC9S08MM128VLK	MC9S08MM128VLK	8BIT 128K FLASH	(L)QFP80	SOT315-2	RFS	No	BLM1
935317176557	MCF51MM256VLK	MCF51MM256VLK	32BIT 256K FLASH	(L)QFP80	SOT315-2	RFS	No	BLM1
935317661557	MK40DX64VLK7	MK40DX64VLK7	Kinetis 64K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935319571557	MCF51JE128CLK	MCF51JE128CLK	128k flash-non-analog IP	(L)QFP80	SOT315-2	RFS	No	BLM1
935319824557	MK30DN512ZVLK10	MK30DN512ZVLK10	Kinetis 512K SLCD	(L)QFP80	SOT315-2	RFS	No	BLM1
935319862557	MK30DX256VLK7	MK30DX256VLK7	Kinetis 256K SLD	(L)QFP80	SOT315-2	RFS	No	BLM1
935319927557	MK50DX128CLK7	MK50DX128CLK7	Kinetis 128K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935319928557	MK51DX128CLK7	MK51DX128CLK7	Kinetis 128K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935321747528	MK30DX64VLK7R	MK30DX64VLK7R	Kinetis 64K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935321747557	MK30DX64VLK7	MK30DX64VLK7	Kinetis 64K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935321791557	MK22DX128VLK5	MK22DX128VLK5	ARM+128Kb +USB	(L)QFP80	SOT315-2	RFS	No	BLM1
935321875557	MKL24Z32VLK4	MKL24Z32VLK4	ARM 32BIT, 32K FLASH, 80	(L)QFP80	SOT315-2	RFS	No	BLM1
935321876557	MKL24Z64VLK4	MKL24Z64VLK4	ARM 32BIT, 64K FLASH, 80	(L)QFP80	SOT315-2	RFS	No	BLM1
935323237557	MK51DX256CLK7	MK51DX256CLK7	Kinetis 256K Flex	(L)QFP80	SOT315-2	RFS	No	BLM1
935323342557	MKL15Z32VLK4	MKL15Z32VLK4	32 BIT, ARM M0+ CORE, 32K	(L)QFP80	SOT315-2	RFS	No	BLM1

935323406557	MKL25Z32VLK4	MKL25Z32VLK4	32 BIT 32k FLASH	(L)QFP80	SOT315-2	RFS	No	BLM1
935324609528	MKL15Z128VLK4R	MKL15Z128VLK4R	32 BIT,ARM M0+ CORE,128K	(L)QFP80	SOT315-2	ASM	No	BLM1
935325499557	MCF51JE256CLK	MCF51JE256CLK	256k flash-non-analog IP	(L)QFP80	SOT315-2	RFS	No	BLM1
935325508557	MCF51MM128CLK	MCF51MM128CLK	32BIT 128K FLASH	(L)QFP80	SOT315-2	RFS	No	BLM1
935389826557	MC56F83766VLK	MC56F83766VLK	NEVIS3,80LQFP	(L)QFP80	SOT315-2	RFS	No	BLM1
935389925557	MC56F83686VLK	MC56F83686VLK	NEVIS3,80LQFP	(L)QFP80	SOT315-2	RFS	No	BLM1
935416877557	MC56F83766MLK	MC56F83766MLK	NEVIS3,80LQFP, M Part	(L)QFP80	SOT315-2	RFS	No	BLM1
935416881557	MC56F83786MLK	MC56F83786MLK	NEVIS3,80LQFP	(L)QFP80	SOT315-2	RFS	No	BLM1
935432252557	MC56F84585VLK	MC56F84585VLK	32bit,256k Flash,2kB Fle	(L)QFP80	SOT315-2	RFS	No	BLM1