



Final Product Change Notification

202406011F01 : LQFP144 20*20 Products Assembly Site Expansion to TFME-T

Note: This notice is NXP Company Proprietary.

Issue Date: Jul 03, 2024 **Effective Date:** Oct 01, 2024

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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 LQFP144 20*20 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

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 Jun 24, 2024

Sample Part Number: PK60FN1M0VLQ15 PIMXRT1024CAG4B

Original Part Number: MK60FN1M0VLQ15 MIMXRT1024CAG4B

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

Production

Planned first shipment Sep 30, 2024

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

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

Disposition of Old Products

Site Expansion, no inventory depletion is needed.

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 Aug 02, 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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12NC	Orderable Part Number	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
935324728557	MK64FN1M0VLQ12	MK64FN1M0VLQ12	K60-1M	(L)QFP144	SOT486-2	RFS	No	BLM1
935318272557	MK60FN1M0VLQ12	MK60FN1M0VLQ12	Kinetis 1MB Ethnet USB	(L)QFP144	SOT486-2	RFS	No	BLM1
935324542557	MK10DN512VLQ10	MK10DN512VLQ10	Kinetis 512K	(L)QFP144	SOT486-2	RFS	No	BLM1
935321729557	MK60DN512VLQ10	MK60DN512VLQ10	Kinetis 512K enet	(L)QFP144	SOT486-2	RFS	No	BLM1
935322446557	MK66FN2M0VLQ18	MK66FN2M0VLQ18	Kinetis K 32-bit MCU	(L)QFP144	SOT486-2	RFS	No	BLM1
935310931557	MK60DN512ZVLQ10	MK60DN512ZVLQ10	Kinetis 512K enet	(L)QFP144	SOT486-2	RFS	No	BLM1
935416162557	MIMXRT1024CAG4A	MIMXRT1024CAG4A	i.MXRT1024	(L)QFP144	SOT486-2	RFS	No	BLM1
935317613557	MK10FN1M0VLQ12	MK10FN1M0VLQ12	Kinetis Base 1MB	(L)QFP144	SOT486-2	RFS	No	BLM1
935315204557	MK64FX512VLQ12	MK64FX512VLQ12	K60-1M	(L)QFP144	SOT486-2	RFS	No	BLM1
935315205557	MK24FN1M0VLQ12	MK24FN1M0VLQ12	K60-1M	(L)QFP144	SOT486-2	RFS	No	BLM1
935322446528	MK66FN2M0VLQ18R	MK66FN2M0VLQ18R	Kinetis K 32-bit MCU	(L)QFP144	SOT486-2	RFS	No	BLM1
935317611557	MK60FX512VLQ15	MK60FX512VLQ15	Kinetis 512K Ethnet USB	(L)QFP144	SOT486-2	RFS	No	BLM1
935317671557	MK10DX128VLQ10	MK10DX128VLQ10	KINETIS 128K FLEX	(L)QFP144	SOT486-2	RFS	No	BLM1
935321736557	MK10FX512VLQ12	MK10FX512VLQ12	Kinetis Base 1MB	(L)QFP144	SOT486-2	RFS	No	BLM1
935323693557	MK22FX512AVLQ12	MK22FX512AVLQ12	K20 1MB 120Mhz	(L)QFP144	SOT486-2	RFS	No	BLM1
935324543557	MK10DX256VLQ10	MK10DX256VLQ10	KINETIS 256K FLEX	(L)QFP144	SOT486-2	RFS	No	BLM1
935317626557	MK20FX512VLQ12	MK20FX512VLQ12	Kinetis 512K USB	(L)QFP144	SOT486-2	RFS	No	BLM1
935321743557	MK20FN1M0VLQ12	MK20FN1M0VLQ12	Kinetis 1MB USB	(L)QFP144	SOT486-2	RFS	No	BLM1
935323254557	MK60FN1M0VLQ15	MK60FN1M0VLQ15	Kinetis 1MB Ethnet USB	(L)QFP144	SOT486-2	RFS	No	BLM1
935416163557	MIMXRT1024DAG5A	MIMXRT1024DAG5A	i.MXRT1024	(L)QFP144	SOT486-2	RFS	No	BLM1
935428156557	MIMXRT1024CAG4B	MIMXRT1024CAG4B	i.MXRT1024 RevB	(L)QFP144	SOT486-2	RFS	No	BLM1
935315205528	MK24FN1M0VLQ12R	MK24FN1M0VLQ12R	K60-1M	(L)QFP144	SOT486-2	RFS	No	BLM1
935320739557	MK66FX1M0VLQ18	MK66FX1M0VLQ18	Kinetis K 32-bit MCU	(L)QFP144	SOT486-2	RFS	No	BLM1
935325603557	MK10DN512ZVLQ10	MK10DN512ZVLQ10	Kinetis 512K	(L)QFP144	SOT486-2	RFS	No	BLM1
935316348557	MKV58F1M0VLQ24	MKV58F1M0VLQ24	32-bit MCU, ARM Cortex	(L)QFP144	SOT486-2	RFS	No	BLM1
935320696557	MK26FN2M0VLQ18	MK26FN2M0VLQ18	Kinetis K 32-bit MCU	(L)QFP144	SOT486-2	RFS	No	BLM1
935320835557	MKV56F1M0VLQ24	MKV56F1M0VLQ24	32-bit MCU, ARM Cortex	(L)QFP144	SOT486-2	RFS	No	BLM1
935323263557	MK40DN512VLQ10	MK40DN512VLQ10	Kinetis 512K USB LCD	(L)QFP144	SOT486-2	RFS	No	BLM1
935310931528	MK60DN512ZVLQ10R	MK60DN512ZVLQ10R	Kinetis 512K enet	(L)QFP144	SOT486-2	RFS	No	BLM1
935311018557	MK40DX256VLQ10	MK40DX256VLQ10	KINETIS 256KFLEX USB LCD	(L)QFP144	SOT486-2	RFS	No	BLM1
935317615557	MK60FX512VLQ12	MK60FX512VLQ12	Kinetis 512K Ethnet USB	(L)QFP144	SOT486-2	RFS	No	BLM1
935323298557	MK20DN512VLQ10	MK20DN512VLQ10	KINETIS 512K	(L)QFP144	SOT486-2	RFS	No	BLM1
935314779557	MK20DX128VLQ10	MK20DX128VLQ10	KINETIS 128K FLEX	(L)QFP144	SOT486-2	RFS	No	BLM1
935317667557	MK20DX256VLQ10	MK20DX256VLQ10	KINETIS 256K FLEX	(L)QFP144	SOT486-2	RFS	No	BLM1
935318795557	MKV56F512VLQ24	MKV56F512VLQ24	32-bit MCU, ARM Cortex	(L)QFP144	SOT486-2	RFS	No	BLM1
935324971557	MK22FN1M0AVLQ12	MK22FN1M0AVLQ12	K20 1MB 120Mhz	(L)QFP144	SOT486-2	RFS	No	BLM1
935317667528	MK20DX256VLQ10R	MK20DX256VLQ10R	KINETIS 256K FLEX	(L)QFP144	SOT486-2	RFS	No	BLM1
935319788528	MK10DX256ZVLQ10R	MK10DX256ZVLQ10R	Kinetis 256Kflex	(L)QFP144	SOT486-2	RFS	No	BLM1
935320835528	MKV56F1M0VLQ24R	MKV56F1M0VLQ24R	32-bit MCU, ARM Cortex	(L)QFP144	SOT486-2	RFS	No	BLM1
935321706557	MK20DN512ZVLQ10	MK20DN512ZVLQ10	Kinetis 512K USB	(L)QFP144	SOT486-2	RFS	No	BLM1
935321973557	MK63FN1M0VLQ12	MK63FN1M0VLQ12	K60-1M	(L)QFP144	SOT486-2	RFS	No	BLM1
935319788557	MK10DX256ZVLQ10	MK10DX256ZVLQ10	Kinetis 256Kflex	(L)QFP144	SOT486-2	RFS	No	BLM1
935319842557	MK53DN512ZCLQ10	MK53DN512ZCLQ10	KINETIS 512K SLCD+Ethnet	(L)QFP144	SOT486-2	RFS	No	BLM1
935324578557	MK50DN512CLQ10	MK50DN512CLQ10	KINETIS 512K	(L)QFP144	SOT486-2	RFS	No	BLM1
935325742557	MK20DX256ZVLQ10	MK20DX256ZVLQ10	Kinetis 256Kflex USB	(L)QFP144	SOT486-2	RFS	No	BLM1
935319775557	MK40DN512ZVLQ10	MK40DN512ZVLQ10	Kinetis 512K USB LCD	(L)QFP144	SOT486-2	RFS	No	BLM1
935319948557	MK52DN512CLQ10	MK52DN512CLQ10	KINETIS 512K	(L)QFP144	SOT486-2	RFS	No	BLM1
935320049557	MK21FN1M0VLQ12	MK21FN1M0VLQ12	K20 1MB 120Mhz	(L)QFP144	SOT486-2	RFS	No	BLM1
935320787557	MK22FN1M0VLQ12	MK22FN1M0VLQ12	K20 1MB 120Mhz	(L)QFP144	SOT486-2	RFS	No	BLM1
935321706528	MK20DN512ZVLQ10R	MK20DN512ZVLQ10R	Kinetis 512K USB	(L)QFP144	SOT486-2	RFS	No	BLM1
935324544557	MK60DX256VLQ10	MK60DX256VLQ10	KINETIS 256K FLEX ENET	(L)QFP144	SOT486-2	RFS	No	BLM1
935325601557	MK60DX256ZVLQ10	MK60DX256ZVLQ10	KINETIS 256KFLEX ENET	(L)QFP144	SOT486-2	RFS	No	BLM1
935326071557	MKV58F512VLQ24	MKV58F512VLQ24	32-bit MCU, ARM Cortex	(L)QFP144	SOT486-2	RFS	No	BLM1
935428157557	MIMXRT1024DAG5B	MIMXRT1024DAG5B	i.MXRT1024 RevB	(L)QFP144	SOT486-2	RFS	No	BLM1
935312994557	MK22FX512VLQ12	MK22FX512VLQ12	K20 1MB 120Mhz	(L)QFP144	SOT486-2	RFS	No	BLM1
935315086557	MK21FX512VLQ12	MK21FX512VLQ12	K20 1MB 120Mhz	(L)QFP144	SOT486-2	RFS	No	BLM1
935318795528	MKV56F512VLQ24R	MKV56F512VLQ24R	32-bit MCU, ARM Cortex	(L)QFP144	SOT486-2	RFS	No	BLM1
935319776557	MK20DX128ZVLQ10	MK20DX128ZVLQ10	Kinetis 128Kflex USB	(L)QFP144	SOT486-2	RFS	No	BLM1
935319841557	MK52DN512ZCLQ10	MK52DN512ZCLQ10	KINETIS 512K Ethnet	(L)QFP144	SOT486-2	RFS	No	BLM1
935319956557	MK53DN512CLQ10	MK53DN512CLQ10	KINETIS 512K	(L)QFP144	SOT486-2	RFS	No	BLM1
935319969557	MK51DN512CLQ10	MK51DN512CLQ10	KINETIS 512K	(L)QFP144	SOT486-2	RFS	No	BLM1
935321973528	MK63FN1M0VLQ12R	MK63FN1M0VLQ12R	K60-1M	(L)QFP144	SOT486-2	RFS	No	BLM1
935322198557	MK21FX512AVLQ12	MK21FX512AVLQ12	K20 1MB 120Mhz	(L)QFP144	SOT486-2	RFS	No	BLM1
935324491557	MK40DX256ZVLQ10	MK40DX256ZVLQ10	Kinetis 256Kflex USBSLCD	(L)QFP144	SOT486-2	RFS	No	BLM1
935324562557	MK53DX256ZCLQ10	MK53DX256ZCLQ10	KINETIS 256K Flex	(L)QFP144	SOT486-2	RFS	No	BLM1
935324572557	MK60DN256VLQ10	MK60DN256VLQ10	KINETIS 256K	(L)QFP144	SOT486-2	RFS	No	BLM1
935312994528	MK22FX512VLQ12R	MK22FX512VLQ12R	K20 1MB 120Mhz	(L)QFP144	SOT486-2	RFS	No	BLM1
935314794557	MK30DX256VLQ10	MK30DX256VLQ10	KINETIS 256K Flex	(L)QFP144	SOT486-2	RFS	No	BLM1
935317607557	MK50DN512ZCLQ10	MK50DN512ZCLQ10	KINETIS 512K Ethnet	(L)QFP144	SOT486-2	RFS	No	BLM1
935317622557	MK50DX256ZCLQ10	MK50DX256ZCLQ10	KINETIS 256K Ethnet	(L)QFP144	SOT486-2	RFS	No	BLM1
935317624557	MK60DN256ZVLQ10	MK60DN256ZVLQ10	Kinetis 256K enet	(L)QFP144	SOT486-2	RFS	No	BLM1
935319806528	MK30DN512ZVLQ10R	MK30DN512ZVLQ10R	KINETIS 512K LCD	(L)QFP144	SOT486-2	RFS	No	BLM1
935319806557	MK30DN512ZVLQ10	MK30DN512ZVLQ10	KINETIS 512K LCD	(L)QFP144	SOT486-2	RFS	No	BLM1
935319964557	MK30DN512VLQ10	MK30DN512VLQ10	KINETIS 512K	(L)QFP144	SOT486-2	RFS	No	BLM1
935320507557	MK21FN1M0AVLQ12	MK21FN1M0AVLQ12	K20 1MB 120Mhz	(L)QFP144	SOT486-2	RFS	No	BLM1
935320787528	MK22FN1M0VLQ12R	MK22FN1M0VLQ12R	K20 1MB 120Mhz	(L)QFP144	SOT486-2	RFS	No	BLM1
935321625557	MK30DX256ZVLQ10	MK30DX256ZVLQ10	Kinetis 256Kflex LCD	(L)QFP144	SOT486-2	RFS	No	BLM1
935321657557	MK40DX128ZVLQ10	MK40DX128ZVLQ10	Kinetis 128K USB SLCD	(L)QFP144	SOT486-2	RFS	No	BLM1
935321743528	MK20FN1M0VLQ12R	MK20FN1M0VLQ12R	Kinetis 1MB USB	(L)QFP144	SOT486-2	RFS	No	BLM1
935324545557	MK53DX256CLQ10	MK53DX256CLQ10	KINETIS 256K MED LCD ENE	(L)QFP144	SOT486-2	RFS	No	BLM1
935325652557	MK51DN512ZCLQ10	MK51DN512ZCLQ10	KINETIS 512K SLCD+Ethnet	(L)QFP144	SOT486-2	RFS	No	BLM1