



Final Product Change Notification

202303003F01 : TFME-T Assembly Site Expansion for Select C90TFS Technology LQFP Devices

Note: This notice is NXP Company Proprietary.

Issue Date: Apr 21, 2023 **Effective date:** Jul 20, 2023

Here is your personalized notification about a NXP general announcement.
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				

PCN Overview

Description

NXP Semiconductors announces the assembly site expansion for the S32K148 and S32K144 devices associated with this notification from the current NXP-ATKL, Kuala Lumpur, Malaysia and NXP-ATTJ, Tianjin, China assembly facility to Tongfu Tongke (Nantong) Microelectronics (TFME-T), Nantong, China, to meet increasing demand.

TongFu Tongke (Nantong) Microelectronics Co., LTD (TFME) completed new site TFME-T for production capacity expansion. TFME-T is located in Nantong City, China, 14km from TFME-HQ, with a production area consisting of 3 buildings totaling 97,900SM. Building 1 with 34,521SM is dedicated solely for Automotive LQFP, with general production launched April 2022.

TFME-T follows identical quality systems as TFME-HQ.

ISO9000 certification granted April 2022 and attached to this notification.

IATF16949 Letter of Compliance granted December 2022, with full IATF16949 Certification planned Q3'23.

Product Impact:

S32K148: 144LQFP 20*20 and 100LQFP 14*14

S32K144: 100LQFP 14*14, 64LQFP 10*10 and 48LQFP 7*7

As assembly site expansion was successfully qualified adhering to NXP specifications, NXP is issuing a Final Product Change Notification (PCN) with qualification results.

Please refer to the attached communication package on TFME-T overview, bill of material comparison, and part number marking decoder.

Corresponding ZVEI Delta Qualification Matrix ID: SEM-PA-02, SEM-PA-03, SEM-PA-07, SEM-PA-11 and SEM-PA-18.

Reason

Qualification of Tongfu Tongke Microelectronics (TFME-T), Nantong, China is required for manufacturing flexibility and customer supply assurance.

Identification of Affected Products

Top Side Marking

There is no change to orderable part number.

Change in package trace code is explained under 'Remarks' section below.

Product Availability

Sample Information

Samples are available from May 05, 2023

Please refer to customer communication package for sample part numbers.

Production

Planned first shipment Jul 20, 2023

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 datasheet

Disposition of Old Products

Assembly site expansion. No depletion of Inventory required.

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 May 21, 2023.

Remarks

The assembly site, among other information, is reflected in the package trace code.

The format for the NXP standard trace code: AWLYYWW is the following:

A=Assembly Site, WL=Wafer Lot, YY=Year, WW=Work Week.

The current assembly site marking for site 1 (NXP-ATKL) is A = Q

The current assembly site marking for site 2 (NXP-ATTJ) is A = CT

The marking for proposed assembly site 3 (TFME-T) is A = VX

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:

Name Amanda Shearer
Position Change Management
e-mail address amanda.shearer@nxp.com

At NXP Semiconductors we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards. Customer Focus, Passion to Win.

NXP Quality Management Team.

About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

You have received this email because you are a designated contact or subscribed to NXP Quality Notifications. NXP shall not be held liable if this Notification is not correctly distributed within your organization.

This message has been automatically distributed. Please do not reply.

NXP Semiconductors
High Tech Campus, 5656 AG Eindhoven, The Netherlands

© 2006-2023 NXP Semiconductors. All rights reserved.

Orderable Part Number#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
FS32K148HATOMLLR	935394696528	FS32K148HATOMLLR	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148HATOMLLT	935394696557	FS32K148HATOMLLT	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148HATOMLQR	935370337528	FS32K148HATOMLQR	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HATOMLQQT	935370337557	FS32K148HATOMLQQT	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HATOVLLR	935392875528	FS32K148HATOVLLR	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148HATOVLLT	935392875557	FS32K148HATOVLLT	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148HATOVLLQR	935370339528	FS32K148HATOVLLQR	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HATOVLLQT	935370339557	FS32K148HATOVLLQT	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HETOCLQR	935363088528	FS32K148HETOCLQR	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HETOCLQQT	935363088557	FS32K148HETOCLQQT	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HETOMLQR	935369395528	FS32K148HETOMLQR	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HETOMLQQT	935369395557	FS32K148HETOMLQQT	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HETOVLTT	935404063557	FS32K148HETOVLTT	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148HETOVLQQT	935382451557	FS32K148HETOVLQQT	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HFTOMLLR	935408752528	FS32K148HFTOMLLR	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148HFTOMLLT	935408752557	FS32K148HFTOMLLT	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148HFTOMLQR	935368235528	FS32K148HFTOMLQR	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HFTOMLQQT	935368235557	FS32K148HFTOMLQQT	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HFTOVLLR	935391984528	FS32K148HFTOVLLR	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148HFTOVLLT	935391984557	FS32K148HFTOVLLT	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148HFTOVLLQR	935363292528	FS32K148HFTOVLLQR	S32K148 144 LQFP	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HFTOVLLQQT	935363292557	FS32K148HFTOVLLQQT	S32K148 144 LQFP	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HNTOCLQQT	935375586557	FS32K148HNTOCLQQT	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HRTOVLLQR	935370341528	FS32K148HRTOVLLQR	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HRTOVLLQQT	935370341557	FS32K148HRTOVLLQQT	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148HSTOMLQQT	935359397557	FS32K148HSTOMLQQT	S32K148 144 LQFP	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148UATOVLLR	935391152528	FS32K148UATOVLLR	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148UATOVLLT	935391152557	FS32K148UATOVLLT	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148UATOVLLQR	935368559528	FS32K148UATOVLLQR	S32K148 144 LQFP	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148UATOVLLQQT	935368559557	FS32K148UATOVLLQQT	S32K148 144 LQFP	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148UBTOVLLR	935416571528	FS32K148UBTOVLLR	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148UBTOVLLT	935416571557	FS32K148UBTOVLLT	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148UBETOVLQR	935375587528	FS32K148UBETOVLQR	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148UBETOVLQQT	935375587557	FS32K148UBETOVLQQT	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148UGTOVLLQR	935382864528	FS32K148UGTOVLLQR	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148UGTOVLLQQT	935382864557	FS32K148UGTOVLLQQT	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148UITOVLLQR	935382865528	FS32K148UITOVLLQR	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148UITOVLLQQT	935382865557	FS32K148UITOVLLQQT	S32K148 32-bit MCU, ARM	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148UJTOVLLT	935384668557	FS32K148UJTOVLLT	S32K148 100 LQFP	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148UJTOVLQR	935360135528	FS32K148UJTOVLQR	S32K148 144 LQFP	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148UJTOVLQQT	935360135557	FS32K148UJTOVLQQT	S32K148 144 LQFP	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148UNTOVLLR	935395356528	FS32K148UNTOVLLR	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148UNTOVLLT	935395356557	FS32K148UNTOVLLT	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148URTOVLQR	935369393528	FS32K148URTOVLQR	S32K148 144 LQFP	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K148URTOVLQQT	935369393557	FS32K148URTOVLQQT	S32K148 144 LQFP	(L)QFP144	SOT486-2	RFS	No	BLAG
FS32K144HATOCCLHT	935347675557	FS32K144HATOCCLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HATOCCLT	935347632557	FS32K144HATOCCLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HATOMLFR	935384669528	FS32K144HATOMLFR	S32K144 48 LQFP	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HATOMLFT	935384669557	FS32K144HATOMLFT	S32K144 48 LQFP	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HATOMLHR	935347676528	FS32K144HATOMLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HATOMLHT	935347676557	FS32K144HATOMLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HATOMLLR	935363649528	FS32K144HATOMLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HATOMLLT	935363649557	FS32K144HATOMLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HATOVLHR	935350922528	FS32K144HATOVLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HATOVLHT	935350922557	FS32K144HATOVLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HATOVLLR	935372452528	FS32K144HATOVLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HATOVLLT	935372452557	FS32K144HATOVLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HBTOMLHR	935395393528	FS32K144HBTOMLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HBTOMLHT	935395393557	FS32K144HBTOMLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HBTOVFLR	935392322528	FS32K144HBTOVFLR	S32K144, M4F, Flash 512K	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HBTOVFLT	935392322557	FS32K144HBTOVFLT	S32K144, M4F, Flash 512K	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HBTOVLHR	935404282528	FS32K144HBTOVLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HBTOVLHT	935404282557	FS32K144HBTOVLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HFTOCLLT	935347633557	FS32K144HFTOCLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HFTOMLFR	935410076528	FS32K144HFTOMLFR	S32K144 32-bit MCU, ARM	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HFTOMLFT	935410076557	FS32K144HFTOMLFT	S32K144 32-bit MCU, ARM	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HFTOMLHR	935347679528	FS32K144HFTOMLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HFTOMLHT	935347679557	FS32K144HFTOMLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HFTOMLLR	935347634528	FS32K144HFTOMLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HFTOMLLT	935347634557	FS32K144HFTOMLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HFTOVFLR	935396883528	FS32K144HFTOVFLR	S32K144 32-bit MCU, ARM	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HFTOVFLT	935396883557	FS32K144HFTOVFLT	S32K144 32-bit MCU, ARM	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HFTOVLHR	935347682528	FS32K144HFTOVLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HFTOVLHT	935347682557	FS32K144HFTOVLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HFTOVLLR	935347124528	FS32K144HFTOVLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HFTOVLLT	935347124557	FS32K144HFTOVLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HNTOCLLR	935347637528	FS32K144HNTOCLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HNTOCLLT	935347637557	FS32K144HNTOCLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HNTOMLFR	935409613528	FS32K144HNTOMLFR	S32K144, 512K Flash, 48K	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HNTOMLFT	935409613557	FS32K144HNTOMLFT	S32K144, 512K Flash, 48K	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HNTOMLHR	935369861528	FS32K144HNTOMLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HNTOMLHT	935369861557	FS32K144HNTOMLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HNTOVLLR	935389228528	FS32K144HNTOVLLR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HNTOVLLT	935389228557	FS32K144HNTOVLLT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HNTOVLLT	935375548557	FS32K144HNTOVLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HPTOMLHR	935347683528	FS32K144HPTOMLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HPTOMLHT	935347683557	FS32K144HPTOMLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HQTOMLHR	935347685528	FS32K144HQTOMLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HQTOMLHT	935347685557	FS32K144HQTOMLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HRTOCLHT	935347687557	FS32K144HRTOCLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HRTOCLLR	935347683528	FS32K144HRTOCLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HRTOCLLT	935347683557	FS32K144HRTOCLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HRTOMLFR	935404783528	FS32K144HRTOMLFR	S32K144, 512K Flash, 64K	(L)QFP48	SOT313-3	RFS	No	BLAG

FS32K144HRTOMLFT	935404783557	FS32K144HRTOMLFT	S32K144, 512K Flash, 64K	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HRTOMLHR	935362334528	FS32K144HRTOMLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HRTOMLHT	935362334557	FS32K144HRTOMLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HRTOMLLR	935347639528	FS32K144HRTOMLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HRTOMLLT	935347639557	FS32K144HRTOMLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HRTOVLHR	935368334528	FS32K144HRTOVLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HRTOVLHT	935368334557	FS32K144HRTOVLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HRTOVLLR	935347642528	FS32K144HRTOVLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HRTOVLLT	935347642557	FS32K144HRTOVLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144HVTOVLHR	935384611528	FS32K144HVTOVLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HVTOVLHT	935384611557	FS32K144HVTOVLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HXTOVLHT	935384613557	FS32K144HXTOVLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HXTOVLLR	935384615557	FS32K144HXTOVLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144MATOVLHR	935363151528	FS32K144MATOVLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MATOVLHT	935363151557	FS32K144MATOVLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MFTOCLLT	935358205557	FS32K144MFTOCLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144MFTOMLHR	935380427528	FS32K144MFTOMLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MFTOMLHT	935380427557	FS32K144MFTOMLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MFTOVLLR	935367056528	FS32K144MFTOVLLR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MFTOVLLT	935367056557	FS32K144MFTOVLLT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MFTOVLLR	935380028557	FS32K144MFTOVLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144MFTOVLLT	935380028557	FS32K144MFTOVLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144MNTOCLLT	935347688557	FS32K144MNTOCLLT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MNTOCLLT	935347688557	FS32K144MNTOCLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144MNTOMLHR	935347689528	FS32K144MNTOMLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MNTOMLHT	935347689557	FS32K144MNTOMLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MNTOMLLR	935353089528	FS32K144MNTOMLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144MNTOMLLT	935353089557	FS32K144MNTOMLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144MNTOVLLR	935362753528	FS32K144MNTOVLLR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MNTOVLLT	935362753557	FS32K144MNTOVLLT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MNTOVLLR	935347125528	FS32K144MNTOVLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144MNTOVLLT	935347125557	FS32K144MNTOVLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144MRTOCLLT	935360331557	FS32K144MRTOCLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144MRTOVLLR	935370531528	FS32K144MRTOVLLR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MRTOVLLT	935370531557	FS32K144MRTOVLLT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MSTOMLHR	935347693528	FS32K144MSTOMLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MSTOMLHT	935347693557	FS32K144MSTOMLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144MSTOMLLR	935374814528	FS32K144MSTOMLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144MSTOMLLT	935374814557	FS32K144MSTOMLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144UATOVLFT	935384671557	FS32K144UATOVLFT	S32K144 48 LQFP	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144UATOVLHR	935347122528	FS32K144UATOVLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144UATOVLHT	935347122557	FS32K144UATOVLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144UATOVLLR	935347645528	FS32K144UATOVLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144UATOVLLT	935347645557	FS32K144UATOVLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144UFTOVLHR	935347123528	FS32K144UFTOVLHR	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144UFTOVLHT	935347123557	FS32K144UFTOVLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144UFTOVLLR	935347126528	FS32K144UFTOVLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144UFTOVLLT	935347126557	FS32K144UFTOVLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144UITOVLHR	935383537528	FS32K144UITOVLHR	Cortex M4F, 512K Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144UITOVLHT	935383537557	FS32K144UITOVLHT	Cortex M4F, 512K Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144ULTOMLHR	935400132528	FS32K144ULTOMLHR	Cortex M4F, 512K Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144ULTOMLHT	935400132557	FS32K144ULTOMLHT	Cortex M4F, 512K Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144ULTOVLLR	935383539528	FS32K144ULTOVLLR	Cortex M4F, 512K Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144ULTOVLLT	935383539557	FS32K144ULTOVLLT	Cortex M4F, 512K Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144ULTOVLLR	935385998528	FS32K144ULTOVLLR	512K Flash, 112MHz, CAN	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144ULTOVLLT	935385998557	FS32K144ULTOVLLT	512K Flash, 112MHz, CAN	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144URTOCLLR	935374561528	FS32K144URTOCLLR	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144URTOCLLT	935374561557	FS32K144URTOCLLT	S32K144 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K144URTOVLHT	935364157557	FS32K144URTOVLHT	S32K144 32-bit MCU, ARM	(L)QFP64	SOT1699-1	RFS	No	BLAG
FS32K144HATOVLFR	935418412528	FS32K144HATOVLFR	S32K144, 512K Flash, 64K	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HATOVFLT	935418412557	FS32K144HATOVFLT	S32K144, 512K Flash, 64K	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HBTOMLFR	935417911528	FS32K144HBTOMLFR	S32K144, M4F, Flash 512K	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HBTOMLFT	935417911557	FS32K144HBTOMLFT	S32K144, M4F, Flash 512K	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HRTOVLFR	935421132528	FS32K144HRTOVLFR	S32K144, 512K Flash, 64K	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144HRTOVFLT	935421132557	FS32K144HRTOVFLT	S32K144, 512K Flash, 64K	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144UATOVLFR	935384671528	FS32K144UATOVLFR	S32K144 48 LQFP	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144UITOVLFR	935430576528	FS32K144UITOVLFR	S32K144, M4F, 512 KB Fla	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K144UITOVFLT	935430576557	FS32K144UITOVFLT	S32K144, M4F, 512 KB Fla	(L)QFP48	SOT313-3	RFS	No	BLAG
FS32K148UCTOVLLR	935421822528	FS32K148UCTOVLLR	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148UCTOVLLT	935421822557	FS32K148UCTOVLLT	S32K148 32-bit MCU, ARM	(L)QFP100	SOT407-3	RFS	No	BLAG
FS32K148UJTOVLLR	935384668528	FS32K148UJTOVLLR	S32K148 100 LQFP	(L)QFP100	SOT407-3	RFS	No	BLAG