



Advance Product Change Notification

202208021A : TFME-T Assembly Site Expansion for Select 0.18um Technology Devices For LQFP

Note: This notice is NXP Company Proprietary.

Issue Date: Oct 07, 2022

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For detailed information we invite you to view this notification online

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 checked="" type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Equipment	<input type="checkbox"/> Errata
<input type="checkbox"/> Wafer Fab Location	<input checked="" 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

To meet increasing demand, NXP Semiconductors announces the planned assembly site expansion for the MC9S12G128/96, KEA128/64 and KEAZN16/32/64 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.

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 launching 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 planned December 2022, with full IATF16949 Certification planned Q3'23.

Product Impact:

MC9S12G128/96: 100LQFP 14*14, 64LQFP 10*10, and 48LQFP 7*7

KEA128: 64LQFP 10*10

KEA64: 64LQFP 10*10

KEAZN16/32/64: 32LQFP 7*7

Qualification is planned to complete December 2022. Upon qualification completion, NXP will issue 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.
Fully qualified samples will be available upon PCN issuance (planned December 2022).

Assembly site expansion will be qualified adhering to NXP specifications.

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

Sample Planning follows with the final PCN

Fully qualified samples will be available upon PCN issuance (planned December 2022).

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

The Self Qualification Report will be ready on Dec 16, 2022.

The Final PCN is planned to be issued on: Dec 16, 2022.

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Nov 06, 2022.

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 = A

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:

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Position Change Management
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NXP Quality Management Team.

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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
MC9512G128MML	93531065557	MC9512G128MML	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128ACLF	935354392557	S9S12G128ACLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128ACLF	935354392528	S9S12G128ACLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128ACLF	935361231557	S9S12G128ACLF	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128ACLF	935361231528	S9S12G128ACLF	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128ACLL	935353911557	S9S12G128ACLL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128ACLL	935353911528	S9S12G128ACLL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128AMLF	935361321557	S9S12G128AMLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128AMLF	935361321528	S9S12G128AMLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128AMLH	935353877557	S9S12G128AMLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128AMLHR	935353877528	S9S12G128AMLHR	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128AMLL	935353913557	S9S12G128AMLL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128AMLLR	935353913528	S9S12G128AMLLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128AVLF	935361323557	S9S12G128AVLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128AVLF	935361323528	S9S12G128AVLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128AVLH	935361233557	S9S12G128AVLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128AVLHR	935361233528	S9S12G128AVLHR	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128AVLL	935358914557	S9S12G128AVLL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128AVLLR	935358914528	S9S12G128AVLLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128FOCLF	935311542557	S9S12G128FOCLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128FOCLF	935311542528	S9S12G128FOCLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128FOCLH	935324447557	S9S12G128FOCLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128FOCLHR	935324447528	S9S12G128FOCLHR	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128FOCLL	935322126557	S9S12G128FOCLL	AU 16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128FOCLLR	935322126528	S9S12G128FOCLLR	AU 16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128FOMLF	935314492557	S9S12G128FOMLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128FOMLF	935314492528	S9S12G128FOMLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128FOMLH	935314928557	S9S12G128FOMLH	AU 16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128FOMLHR	935314928528	S9S12G128FOMLHR	AU 16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128FOMLL	935318114557	S9S12G128FOMLL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128FOMLLR	935318114528	S9S12G128FOMLLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128FOVLF	935311262557	S9S12G128FOVLF	S12 CORE 128K FLASH AU	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128FOVLF	935311262528	S9S12G128FOVLF	S12 CORE 128K FLASH AU	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128FOVLH	935314562557	S9S12G128FOVLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128FOVLHR	935314562528	S9S12G128FOVLHR	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128FOVLL	935310946557	S9S12G128FOVLL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128FOVLLR	935310946528	S9S12G128FOVLLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128JOCFL	935353928557	S9S12G128JOCFL	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128JOCFLR	935353928528	S9S12G128JOCFLR	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128JOCFLH	935361235557	S9S12G128JOCFLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128JOCFLHR	935361235528	S9S12G128JOCFLHR	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128JOCCL	935353889557	S9S12G128JOCCL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128JOCCLR	935353889528	S9S12G128JOCCLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128JOMLF	935353931557	S9S12G128JOMLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128JOMLFR	935353931528	S9S12G128JOMLFR	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128JOMLH	935353881557	S9S12G128JOMLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128JOMLHR	935353881528	S9S12G128JOMLHR	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128JOMLL	935353892557	S9S12G128JOMLL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128JOMLLR	935353892528	S9S12G128JOMLLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128JOVLF	935353933557	S9S12G128JOVLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128JOVLF	935353933528	S9S12G128JOVLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128JOVLH	935353883557	S9S12G128JOVLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128JOVLHR	935353883528	S9S12G128JOVLHR	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128JOVLL	935353894557	S9S12G128JOVLL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128JOVLLR	935353894528	S9S12G128JOVLLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96ACLF	935354393557	S9S12G96ACLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96ACLF	935354393528	S9S12G96ACLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96ACLH	935361237557	S9S12G96ACLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96ACLHR	935361237528	S9S12G96ACLHR	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96ACLL	935361228557	S9S12G96ACLL	16BIT 96K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96AMLF	935354395557	S9S12G96AMLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96AMLF	935354395528	S9S12G96AMLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96AMLL	935361229557	S9S12G96AMLL	16BIT 96K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96AVLF	935354397557	S9S12G96AVLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96AVLF	935354397528	S9S12G96AVLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96AVLH	935353879557	S9S12G96AVLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96AVLHR	935353879528	S9S12G96AVLHR	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96FOCLF	935310667557	S9S12G96FOCLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96FOCLF	935310667528	S9S12G96FOCLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96FOCLH	935310821557	S9S12G96FOCLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96FOCLHR	935310821528	S9S12G96FOCLHR	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96FOCLL	935324481557	S9S12G96FOCLL	16BIT 96K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96FOMLF	935311353557	S9S12G96FOMLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96FOMLFR	935311353528	S9S12G96FOMLFR	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96FOMLH	935322143557	S9S12G96FOMLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96FOMLHR	935322143528	S9S12G96FOMLHR	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96FOMLL	935324446557	S9S12G96FOMLL	16BIT 96K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96FOVLF	935320203557	S9S12G96FOVLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96FOVLF	935320203528	S9S12G96FOVLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96FOVLH	935320721557	S9S12G96FOVLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96FOVLHR	935320721528	S9S12G96FOVLHR	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96FOVLL	935323234557	S9S12G96FOVLL	16BIT 96K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96JOCLF	935353935557	S9S12G96JOCLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96JOCLF	935353935528	S9S12G96JOCLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96JOCLH	935353885557	S9S12G96JOCLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96JOCLHR	935353885528	S9S12G96JOCLHR	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96JOCLL	935353896557	S9S12G96JOCLL	16BIT 96K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96JOMLF	935353937557	S9S12G96JOMLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96JOMLFR	935353937528	S9S12G96JOMLFR	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96JOMLH	935353887557	S9S12G96JOMLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG

S9S12G96J0MLL	935353897557	S9S12G96J0MLL	16BIT 96K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96J0VLF	935353939557	S9S12G96J0VLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96J0VLF	935353939528	S9S12G96J0VLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96J0VLH	935353888557	S9S12G96J0VLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12GA128ACLH	935361239557	S9S12GA128ACLH	12-BIT ADC SPEC TST	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12GA128AMLF	935354399557	S9S12GA128AMLF	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128AMLFR	935354399528	S9S12GA128AMLFR	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128AVLF	935361325557	S9S12GA128AVLF	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128AVLFR	935361325528	S9S12GA128AVLFR	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128FOCLH	935325695557	S9S12GA128FOCLH	12-BIT ADC SPEC TST	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12GA128FOMLF	935310975557	S9S12GA128FOMLF	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128FOMLFR	935310975528	S9S12GA128FOMLFR	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128FOMLH	935324623557	S9S12GA128FOMLH	12-BIT ADC SPEC TST	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12GA128FOVLF	935320009557	S9S12GA128FOVLF	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128FOVLF	935320009528	S9S12GA128FOVLF	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128J0CLH	935361241557	S9S12GA128J0CLH	12-BIT ADC SPEC TST	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12GA128J0MLF	935353942557	S9S12GA128J0MLF	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128J0MLFR	935353942528	S9S12GA128J0MLFR	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128J0VLF	935353944557	S9S12GA128J0VLF	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128J0VLF	935353944528	S9S12GA128J0VLF	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9KEAZ128ACLH	935318379557	S9KEAZ128ACLH	KINETIS E SERIES 128K FL	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZ128ACLHR	935318379528	S9KEAZ128ACLHR	KINETIS E SERIES 128K FL	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZ128AMLH	935325897557	S9KEAZ128AMLH	KINETIS E SERIES 128K FL	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZ128AMLHR	935325897528	S9KEAZ128AMLHR	KINETIS E SERIES 128K FL	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZ128AVLH	935312446557	S9KEAZ128AVLH	KINETIS E SERIES 128K FL	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZ128AVLHR	935312446528	S9KEAZ128AVLHR	KINETIS E SERIES 128K FL	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZ64ACLH	935325942557	S9KEAZ64ACLH	KINETIS E SERIES 64K FL	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZ64ACLHR	935325942528	S9KEAZ64ACLHR	KINETIS E SERIES 64K FL	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZ64AMLH	935324761557	S9KEAZ64AMLH	KINETIS E SERIES 64K FL	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZ64AMLHR	935324761528	S9KEAZ64AMLHR	KINETIS E SERIES 64K FL	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZ64AVLH	935322207557	S9KEAZ64AVLH	KINETIS E SERIES 64K FL	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZ64AVLHR	935322207528	S9KEAZ64AVLHR	KINETIS E SERIES 64K FL	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZN16ACL	935325874557	S9KEAZN16ACL	KINETIS E SERIES 16K FLA	(L)QFP32	SOT358-3	RFS	No	BLAG
S9KEAZN16ACLH	935318309557	S9KEAZN16ACLH	KINETIS E SERIES 16K FLA	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZN16ACLHR	935318309528	S9KEAZN16ACLHR	KINETIS E SERIES 16K FLA	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZN16AMLC	935313121557	S9KEAZN16AMLC	KINETIS E SERIES 16K FLA	(L)QFP32	SOT358-3	RFS	No	BLAG
S9KEAZN16AMLCR	935313121528	S9KEAZN16AMLCR	KINETIS E SERIES 16K FLA	(L)QFP32	SOT358-3	RFS	No	BLAG
S9KEAZN16AMLH	935325873557	S9KEAZN16AMLH	KINETIS E SERIES 16K FLA	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZN16AMLHR	935325873528	S9KEAZN16AMLHR	KINETIS E SERIES 16K FLA	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZN32ACL	935323623557	S9KEAZN32ACL	KINETIS E SERIES 32K FLA	(L)QFP64	SOT358-3	RFS	No	BLAG
S9KEAZN32ACLH	935322218557	S9KEAZN32ACLH	KINETIS E SERIES 32K FLA	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZN32AMLC	935323585557	S9KEAZN32AMLC	KINETIS E SERIES 32K FLA	(L)QFP32	SOT358-3	RFS	No	BLAG
S9KEAZN32AMLCR	935323585528	S9KEAZN32AMLCR	KINETIS E SERIES 32K FLA	(L)QFP32	SOT358-3	RFS	No	BLAG
S9KEAZN32AMLH	935320459557	S9KEAZN32AMLH	KINETIS E SERIES 32K FLA	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZN32AVLC	935320572557	S9KEAZN32AVLC	KINETIS E SERIES 32K FLA	(L)QFP32	SOT358-3	RFS	No	BLAG
S9KEAZN32AVLCR	935320572528	S9KEAZN32AVLCR	KINETIS E SERIES 32K FLA	(L)QFP32	SOT358-3	RFS	No	BLAG
S9KEAZN32AVLH	935382152557	S9KEAZN32AVLH	KINETIS E SERIES 32K FLA	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZN64ACL	935312175557	S9KEAZN64ACL	KINETIS E SERIES 64K FLA	(L)QFP32	SOT358-3	RFS	No	BLAG
S9KEAZN64ACLH	935312098557	S9KEAZN64ACLH	KINETIS E SERIES 64K FLA	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZN64ACLHR	935312098528	S9KEAZN64ACLHR	KINETIS E SERIES 64K FLA	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZN64AMLC	935322166557	S9KEAZN64AMLC	KINETIS E SERIES 64K FLA	(L)QFP32	SOT358-3	RFS	No	BLAG
S9KEAZN64AMLCR	935322166528	S9KEAZN64AMLCR	KINETIS E SERIES 64K FLA	(L)QFP32	SOT358-3	RFS	No	BLAG
S9KEAZN64AMLH	935318303557	S9KEAZN64AMLH	KINETIS E SERIES 64K FLA	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZN64AMLHR	935318303528	S9KEAZN64AMLHR	KINETIS E SERIES 64K FLA	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZN64AVLC	935324986557	S9KEAZN64AVLC	KINETIS E SERIES 64K FLA	(L)QFP32	SOT358-3	RFS	No	BLAG
S9KEAZN64AVLCR	935324986528	S9KEAZN64AVLCR	KINETIS E SERIES 64K FLA	(L)QFP32	SOT358-3	RFS	No	BLAG
S9KEAZN64AVLH	935322484557	S9KEAZN64AVLH	KINETIS E SERIES 64K FLA	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9KEAZN64ACLRC	935312175528	S9KEAZN64ACLRC	KINETIS E SERIES 64K FLA	(L)QFP32	SOT358-3	RFS	No	BLAG