



Customer Information Notification

202103012I : MC9S12G Data Sheet and Reference Manual Update from rev1.27 to rev1.28

Issue Date: May 10, 2021 Effective date:May 11, 2021

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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: Data Sheet and Reference Manual update | | | |

PCN Overview

Description

NXP Semiconductors announces Reference Manual and Data Sheet update for MC9S12G family from revision 1.27 to revision 1.28. The revision history included in the updated document provides a details description of the changes.

Changes in the document includes:
- Added Table A-14 (GPIO Configuration for Full Stop and Pseudo Stop Current Measurement)

The MC9S12G family reference manual and datasheet revision 1.28 is attached to this notification and can be found at:
https://www.nxp.com/products/processors-and-microcontrollers/additional-mpu-mcus-architectures/16-bit-s12-and-s12x-mcus/ultra-reliable-s12g-general-purpose-automotive-and-industrial-microcontrollers:S12G?tab=Documentation_Tab

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-02.

Reason

The Reference Manual and Data Sheet have been updated to provide additional technical clarification.

Identification of Affected Products

Product identification does not change

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

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

Data Sheet Revision

A new datasheet will be issued

Additional information

Additional documents: [view online](#)

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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NXP Semiconductors
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Changed							Customer	New		Product	Product		
Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Specific Indicator	Orderable Part#	12NC New	Typerr New	Description New	Product Line	Notes
S9S12G64F0MLH	935310969557	S9S12G64F0MLH	S12 Core 64k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12G48J0MLH	935354701557	S9S12G48J0MLH	16Bit 48KFlash 4096RAM	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12G48J0CLH	935354699557	S9S12G48J0CLH	16Bit 48KFlash 4096RAM	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12G48F0MLH	935311618557	S9S12G48F0MLH	Au 16Bit 48KFlash 4096R	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12G48F0CLH	935325774557	S9S12G48F0CLH	16Bit 48KFlash 4096RAM	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12GN48F0MLH	935315036557	S9S12GN48F0MLH	S12 Core,48k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12GN48F0CLH	935314714557	S9S12GN48F0CLH	S12 Core,48k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12GN48AVLH	935354717557	S9S12GN48AVLH	S12 Core,48k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12GN48AMLH	935354715557	S9S12GN48AMLH	S12 Core,48k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12GN48ACLH	935362738557	S9S12GN48ACLH	S12 Core,48k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12G64ACLH	935354712557	S9S12G64ACLH	S12 Core,64k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12GN48J0MLH	935354707557	S9S12GN48J0MLH	S12 Core,48k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12GN48J0CLH	935354706557	S9S12GN48J0CLH	S12 Core,48k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12G64F0CLH	935315148557	S9S12G64F0CLH	S12 Core,64k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12GN48F0VLH	935317716557	S9S12GN48F0VLH	S12 Core,48k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12G48AMLH	935354711557	S9S12G48AMLH	16Bit 48KFlash 4096RAM	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12G48ACLH	935362734557	S9S12G48ACLH	16Bit 48KFlash 4096RAM	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12G64J0MLH	935354704557	S9S12G64J0MLH	S12 Core,64k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12G64J0CLH	935354702557	S9S12G64J0CLH	S12 Core,64k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12GN48J0VLH	935354709557	S9S12GN48J0VLH	S12 Core,48k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12G64F0VLH	935320329557	S9S12G64F0VLH	S12 Core,64k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12GA64F0VLH	935320127557	S9S12GA64F0VLH	12 Bit ADC 64K Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12G64AMLH	935354713557	S9S12G64AMLH	S12 Core,64k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	
S9S12GN48F0VLHR	935317716528	S9S12GN48F0VLHR	S12 Core,48k Flash	(L)QFP64	SOT1699-1	RFS	No					BLAG	

S9S12G64F0CLHR	935315148528	S9S12G64F0CLHR	S12 Core,64k Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12GN48F0MLHR	935315036528	S9S12GN48F0MLHR	S12 Core,48k Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G48F0MLHR	935311618528	S9S12G48F0MLHR	Au 16Bit 48KFlash 4096R	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G64F0MLHR	935310969528	S9S12G64F0MLHR	S12 Core 64k Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12GN48AMLHR	935354715528	S9S12GN48AMLHR	S12 Core,48k Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G64AMLHR	935354713528	S9S12G64AMLHR	S12 Core,64k Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G64ACLHR	935354712528	S9S12G64ACLHR	S12 Core,64k Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G48AMLHR	935354711528	S9S12G48AMLHR	16Bit 48KFlash 4096RAM	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12GN48J0MLHR	935354707528	S9S12GN48J0MLHR	S12 Core,48k Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G64J0MLHR	935354704528	S9S12G64J0MLHR	S12 Core,64k Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G64J0CLHR	935354702528	S9S12G64J0CLHR	S12 Core,64k Flash	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G48J0MLHR	935354701528	S9S12G48J0MLHR	16Bit 48KFlash 4096RAM	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G64AWLFR	935362745528	S9S12G64AWLFR	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48F0WLFR	935322063528	S9S12GN48F0WLFR	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48F0WLF	935322063557	S9S12GN48F0WLF	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48J0MLFR	935354733528	S9S12G48J0MLFR	16 BIT 48K Flash 4KB RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48J0MLF	935354733557	S9S12G48J0MLF	16 BIT 48K Flash 4KB RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48J0CLFR	935354732528	S9S12G48J0CLFR	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48J0CLF	935354732557	S9S12G48J0CLF	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48F0MLFR	935322159528	S9S12G48F0MLFR	16 BIT 48K Flash 4KB RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48F0MLF	935322159557	S9S12G48F0MLF	16 BIT 48K Flash 4KB RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48F0MLFR	935325778528	S9S12GN48F0MLFR	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48F0MLF	935325778557	S9S12GN48F0MLF	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48F0CLFR	935321874528	S9S12GN48F0CLFR	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48F0CLF	935321874557	S9S12GN48F0CLF	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48F0CLFR	935319877528	S9S12G48F0CLFR	S12 Core,64k Flash	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48AVLFR	935354461528	S9S12GN48AVLFR	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48AVLF	935354461557	S9S12GN48AVLF	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48AMLFR	935354458528	S9S12GN48AMLFR	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48AMLF	935354458557	S9S12GN48AMLF	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48ACLFR	935360917528	S9S12GN48ACLFR	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48ACLF	935360917557	S9S12GN48ACLF	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64AWLF	935362745557	S9S12G64AWLF	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64AVLFR	935354456528	S9S12G64AVLFR	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64AVLF	935354456557	S9S12G64AVLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64AMLFR	935354454528	S9S12G64AMLFR	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64AMLF	935354454557	S9S12G64AMLF	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64ACLFR	935354452528	S9S12G64ACLFR	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG

S9S12G64ACLF	935354452557	S9S12G64ACLF	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48JOVLFR	935354753528	S9S12GN48JOVLFR	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48JOVLF	935354753557	S9S12GN48JOVLF	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48J0MLFR	935354751528	S9S12GN48J0MLFR	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48J0MLF	935354751557	S9S12GN48J0MLF	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64F0CLFR	935314822528	S9S12G64F0CLFR	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64F0CLF	935314822557	S9S12G64F0CLF	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48J0CLFR	935354748528	S9S12GN48J0CLFR	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48J0CLF	935354748557	S9S12GN48J0CLF	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48F0VLFR	935323392528	S9S12GN48F0VLFR	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN48F0VLF	935323392557	S9S12GN48F0VLF	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48AVLFR	935386715528	S9S12G48AVLFR	S12 Core,64k Flash	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48AVLF	935386715557	S9S12G48AVLF	S12 Core,64k Flash 16 BIT 48K Flash 4KB	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48AMLFR	935362742528	S9S12G48AMLFR	RAM 16 BIT 48K Flash 4KB	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48AMLF	935362742557	S9S12G48AMLF	RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48ACLFR	935362739528	S9S12G48ACLFR	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48ACLF	935362739557	S9S12G48ACLF	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA48F0MLF	935323314557	S9S12GA48F0MLF	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA48AMLFR	935362747528	S9S12GA48AMLFR	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA48AMLF	935362747557	S9S12GA48AMLF	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64J0WLFR	935354742528	S9S12G64J0WLFR	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64J0WLF	935354742557	S9S12G64J0WLF	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64JOVLFR	935354739528	S9S12G64JOVLFR	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64JOVLF	935354739557	S9S12G64JOVLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64J0MLFR	935354737528	S9S12G64J0MLFR	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64J0MLF	935354737557	S9S12G64J0MLF	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64J0CLFR	935354735528	S9S12G64J0CLFR	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64J0CLF	935354735557	S9S12G64J0CLF	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64F0WLFR	935315318528	S9S12G64F0WLFR	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64F0WLF	935315318557	S9S12G64F0WLF	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64F0MLFR	935317823528	S9S12G64F0MLFR	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64F0MLF	935317823557	S9S12G64F0MLF	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64F0VLFR	935320822528	S9S12G64F0VLFR	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48F0WLF	935315326557	S9S12G48F0WLF	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48F0WLFR	935315326528	S9S12G48F0WLFR	S12 Core,48k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G64F0VLF	935320822557	S9S12G64F0VLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA64J0MLFR	935354746528	S9S12GA64J0MLFR	64K FLASH 4K RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA64J0MLF	935354746557	S9S12GA64J0MLF	64K FLASH 4K RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA64F0WLF	935325911557	S9S12GA64F0WLF	S12 Core,64k Flash,Au	(L)QFP48	SOT313-3	RFS	No	BLAG

S9S12GA64F0VLFR	935316052528	S9S12GA64F0VLFR	64K FLASH 4K RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA64F0VLF	935316052557	S9S12GA64F0VLF	64K FLASH 4K RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA64F0MLFR	935312932528	S9S12GA64F0MLFR	64K FLASH 4K RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA64F0MLF	935312932557	S9S12GA64F0MLF	64K FLASH 4K RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA64AMLFR	935362749528	S9S12GA64AMLFR	64K FLASH 4K RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA64AMLF	935362749557	S9S12GA64AMLF	64K FLASH 4K RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA48J0MLFR	935354744528	S9S12GA48J0MLFR	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA48J0MLF	935354744557	S9S12GA48J0MLF	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA48F0MLFR	935323314528	S9S12GA48F0MLFR	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G48F0CLF	935319877557	S9S12G48F0CLF	S12 Core,64k Flash	(L)QFP48	SOT313-3	RFS	No	BLAG
			16 BIT 48K FLASH 4KB					
S9S12G48J1MLC	935354157557	S9S12G48J1MLC	RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G48J1CLCR	935354155528	S9S12G48J1CLCR	S12 Core,48k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G48J1CLC	935354155557	S9S12G48J1CLC	S12 Core,48k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
			16 BIT 48K FLASH 4KB					
S9S12G48F1VLCR	935311092528	S9S12G48F1VLCR	RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
			16 BIT 48K FLASH 4KB					
S9S12G48F1VLC	935311092557	S9S12G48F1VLC	RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
			16 BIT 48K FLASH 4KB					
S9S12G48F1MLCR	935317781528	S9S12G48F1MLCR	RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
			16 BIT 48K FLASH 4KB					
S9S12G48F1MLC	935317781557	S9S12G48F1MLC	RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G48F1CLCR	935310989528	S9S12G48F1CLCR	S12 Core,48k Flash	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G48F1CLC	935310989557	S9S12G48F1CLC	S12 Core,48k Flash	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN48BVLCR	935362731528	S9S12GN48BVLCR	S12 Core,64k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN48BVLC	935362731557	S9S12GN48BVLC	S12 Core,64k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN48BMLCR	935363022528	S9S12GN48BMLCR	S12 Core,64k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN48BMLC	935363022557	S9S12GN48BMLC	S12 Core,64k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN48BCLC	935362729557	S9S12GN48BCLC	S12 Core,48K Flash	(L)QFP32	SOT358-3	RFS	No	BLAG
			16 BIT 48K FLASH 4KB					
S9S12G48J1VLCR	935354158528	S9S12G48J1VLCR	RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
			16 BIT 48K FLASH 4KB					
S9S12G48J1VLC	935354158557	S9S12G48J1VLC	RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
			16 BIT 48K FLASH 4KB					
S9S12G48BVLCR	935354154528	S9S12G48BVLCR	RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
			16 BIT 48K FLASH 4KB					
S9S12G48BVLC	935354154557	S9S12G48BVLC	RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
			16 BIT 48K FLASH 4KB					
S9S12G48BMLCR	935359311528	S9S12G48BMLCR	RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G64BVLC	935382464557	S9S12G64BVLC	S12 Core,64k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G64BMLC	935362728557	S9S12G64BMLC	S12 Core,64k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN48F1VLCR	935317602528	S9S12GN48F1VLCR	S12 Core,64k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG

S9S12GN48F1VLC	935317602557	S9S12GN48F1VLC	S12 Core,64k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN48F1CLC	935325967557	S9S12GN48F1CLC	S12 Core,48K Flash 16 BIT 48K FLASH 4KB RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G48BMLC	935359311557	S9S12G48BMLC	S12 Core,48k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G48BCLCR	935359308528	S9S12G48BCLCR	S12 Core,48k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G48BCLC	935359308557	S9S12G48BCLC	S12 Core,64k Flash	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G64J1VLC	935354162557	S9S12G64J1VLC	S12 Core,64k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G64J1MLC	935354161557	S9S12G64J1MLC	S12 Core,64k Flash	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G64F1VLC	935318417557	S9S12G64F1VLC	S12 Core,64k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G64F1MLC	935319919557	S9S12G64F1MLC	S12 Core,64k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G64F1CLC	935315194557	S9S12G64F1CLC	S12 Core,64k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN48J1VLCR	935354163528	S9S12GN48J1VLCR	S12 Core,64k Flash,Au	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN48J1VLC	935354163557	S9S12GN48J1VLC	S12 Core,48K Flash 16 BIT 48K FLASH 4KB RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN48J1CLC	935362733557	S9S12GN48J1CLC	Probed wfr sale	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12G48J1MLCR	935354157528	S9S12G48J1MLCR	9S12GA19			RFS	No	BLAG
SCW9S12GA192F0	935325709025	SCW9S12GA192F0	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96ACLH	935361237557	S9S12G96ACLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128J0CLH	935361235557	S9S12G128J0CLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128AVLH	935361233557	S9S12G128AVLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128ACLH	935361231557	S9S12G128ACLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96J0VLH	935353888557	S9S12G96J0VLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96J0MLH	935353887557	S9S12G96J0MLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96J0CLH	935353885557	S9S12G96J0CLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128J0VLH	935353883557	S9S12G128J0VLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128J0MLH	935353881557	S9S12G128J0MLH	12-BIT ADC SPEC TST	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12GA128F0CLH	935325695557	S9S12GA128F0CLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96AVLH	935353879557	S9S12G96AVLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128AMLH	935353877557	S9S12G128AMLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96F0VLH	935320721557	S9S12G96F0VLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96F0CLH	935310821557	S9S12G96F0CLH	12-BIT ADC SPEC TST	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12GA128F0MLH	935324623557	S9S12GA128F0MLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128F0CLH	935324447557	S9S12G128F0CLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128F0VLH	935314562557	S9S12G128F0VLH	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96F0MLH	935322143557	S9S12G96F0MLH	12-BIT ADC SPEC TST	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12GA128J0CLH	935361241557	S9S12GA128J0CLH	12-BIT ADC SPEC TST	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12GA128ACLH	935361239557	S9S12GA128ACLH	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128J0VLHR	935353883528	S9S12G128J0VLHR	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128J0MLHR	935353881528	S9S12G128J0MLHR	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96AVLHR	935353879528	S9S12G96AVLHR	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG

S9S12G128AMLHR	935353877528	S9S12G128AMLHR	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128F0CLHR	935324447528	S9S12G128F0CLHR	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96F0MLHR	935322143528	S9S12G96F0MLHR	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96F0VLHR	935320721528	S9S12G96F0VLHR	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128F0MLHR	935314928528	S9S12G128F0MLHR	Au 16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128F0VLHR	935314562528	S9S12G128F0VLHR	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96F0CLHR	935310821528	S9S12G96F0CLHR	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96ACLHR	935361237528	S9S12G96ACLHR	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128J0CLHR	935361235528	S9S12G128J0CLHR	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128AVLHR	935361233528	S9S12G128AVLHR	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128ACLHR	935361231528	S9S12G128ACLHR	16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G96J0CLHR	935353885528	S9S12G96J0CLHR	16BIT 96K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128F0MLH	935314928557	S9S12G128F0MLH	Au 16BIT 128K FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G128F0CLL	935322126557	S9S12G128F0CLL	Au 16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128AVLLR	935358914528	S9S12G128AVLLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128AMLLR	935353913528	S9S12G128AMLLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128AVLL	935358914557	S9S12G128AVLL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128ACLLR	935353911528	S9S12G128ACLLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128AMLL	935353913557	S9S12G128AMLL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128ACLL	935353911557	S9S12G128ACLL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
MC9S12G128MML	935310655557	MC9S12G128MML	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96F0VLL	935323234557	S9S12G96F0VLL	16BIT 96K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96J0MML	935353897557	S9S12G96J0MML	16BIT 96K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128J0MML	935353892557	S9S12G128J0MML	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96F0CLL	935324481557	S9S12G96F0CLL	16BIT 96K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96ACLL	935361228557	S9S12G96ACLL	16BIT 96K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128J0VLLR	935353894528	S9S12G128J0VLLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96AMLL	935361229557	S9S12G96AMLL	16BIT 96K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128J0MLLR	935353892528	S9S12G128J0MLLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128J0VLL	935353894557	S9S12G128J0VLL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128J0CLLR	935353889528	S9S12G128J0CLLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128F0MML	935318114557	S9S12G128F0MML	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128F0MLLR	935318114528	S9S12G128F0MLLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128F0VLL	935310946557	S9S12G128F0VLL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128J0CLL	935353889557	S9S12G128J0CLL	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96F0MML	935324446557	S9S12G96F0MML	16BIT 96K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96J0CLL	935353896557	S9S12G96J0CLL	16BIT 96K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128F0CLLR	935322126528	S9S12G128F0CLLR	Au 16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G128F0VLLR	935310946528	S9S12G128F0VLLR	16BIT 128K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G96F0CLF	935310667557	S9S12G96F0CLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128AMLF	935361321557	S9S12G128AMLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG

S9S12G128ACLFR	935354392528	S9S12G128ACLFR	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128ACLF	935354392557	S9S12G128ACLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128J0VLFR	935353944528	S9S12GA128J0VLFR	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
S9S12GA128J0MLFR	935353942528	S9S12GA128J0MLFR	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128J0MLF	935353942557	S9S12GA128J0MLF	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128F0VLFR	935320009528	S9S12GA128F0VLFR	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128F0VLF	935320009557	S9S12GA128F0VLF	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128F0MLFR	935310975528	S9S12GA128F0MLFR	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA128F0MLF	935310975557	S9S12GA128F0MLF	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
S9S12GA128AVLF	935361325557	S9S12GA128AVLF	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
S9S12GA128AMLF	935354399557	S9S12GA128AMLF	12-bit ADC spe tst scree	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96J0VLFR	935353939528	S9S12G96J0VLFR	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96J0VLF	935353939557	S9S12G96J0VLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96J0MLFR	935353937528	S9S12G96J0MLFR	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96J0MLF	935353937557	S9S12G96J0MLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96J0CLFR	935353935528	S9S12G96J0CLFR	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96J0CLF	935353935557	S9S12G96J0CLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96F0VLFR	935320203528	S9S12G96F0VLFR	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96F0VLF	935320203557	S9S12G96F0VLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96F0MLFR	935311353528	S9S12G96F0MLFR	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96F0MLF	935311353557	S9S12G96F0MLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96F0CLFR	935310667528	S9S12G96F0CLFR	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96AVLFR	935354397528	S9S12G96AVLFR	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96AVLF	935354397557	S9S12G96AVLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96AMLFR	935354395528	S9S12G96AMLFR	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96AMLF	935354395557	S9S12G96AMLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96ACLFR	935354393528	S9S12G96ACLFR	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G96ACLF	935354393557	S9S12G96ACLF	16BIT 96K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128J0VLFR	935353933528	S9S12G128J0VLFR	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128J0VLF	935353933557	S9S12G128J0VLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128J0MLFR	935353931528	S9S12G128J0MLFR	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128J0MLF	935353931557	S9S12G128J0MLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128J0CLFR	935353928528	S9S12G128J0CLFR	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128J0CLF	935353928557	S9S12G128J0CLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128F0VLFR	935311262528	S9S12G128F0VLFR	S12 CORE 128K FLASH AU	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128F0VLF	935311262557	S9S12G128F0VLF	S12 CORE 128K FLASH AU	(L)QFP48	SOT313-3	RFS	No	BLAG

S9S12G128F0MLFR	935314492528	S9S12G128F0MLFR	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128F0MLF	935314492557	S9S12G128F0MLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128F0CLFR	935311542528	S9S12G128F0CLFR	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128F0CLF	935311542557	S9S12G128F0CLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128AVLFR	935361323528	S9S12G128AVLFR	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128AVLF	935361323557	S9S12G128AVLF	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G128AMLFR	935361321528	S9S12G128AMLFR	16BIT 128K FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32AMFT	935362431557	S9S12GN32AMFT	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32J0MFT	935362433557	S9S12GN32J0MFT	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32J0CFT	935353923557	S9S12GN32J0CFT	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32J0CFTR	935353923528	S9S12GN32J0CFTR	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32F0VFTR	935311775528	S9S12GN32F0VFTR	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32F0VFT	935311775557	S9S12GN32F0VFT	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32AVFTR	935353921528	S9S12GN32AVFTR	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32AVFT	935353921557	S9S12GN32AVFT	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32F0MFT	935321594557	S9S12GN32F0MFT	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32ACFTR	935361242528	S9S12GN32ACFTR	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32ACFT	935361242557	S9S12GN32ACFT	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32F0CFTR	935323289528	S9S12GN32F0CFTR	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32F0CFT	935323289557	S9S12GN32F0CFT	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32J0VFT	935353925557	S9S12GN32J0VFT	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32J0VFTR	935353925528	S9S12GN32J0VFTR	16-bit,32k Flash,2k RAM	H(V)QFN48P	SOT619-14	RFS	No	BLAG
S9S12GN32AVLFR	935353918528	S9S12GN32AVLFR	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32J0VLFR	935354174528	S9S12GN32J0VLFR	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32J0VLF	935354174557	S9S12GN32J0VLF	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32J0MLFR	935354172528	S9S12GN32J0MLFR	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32J0MLF	935354172557	S9S12GN32J0MLF	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32J0CLFR	935354169528	S9S12GN32J0CLFR	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32J0CLF	935354169557	S9S12GN32J0CLF	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32F0WLF	935320117557	S9S12GN32F0WLF	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32F0VLFR	935310738528	S9S12GN32F0VLFR	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32F0VLF	935310738557	S9S12GN32F0VLF	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32F0MLFR	935310685528	S9S12GN32F0MLFR	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32F0MLF	935310685557	S9S12GN32F0MLF	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32F0CLFR	935317526528	S9S12GN32F0CLFR	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32F0CLF	935317526557	S9S12GN32F0CLF	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GNA32F0WLF	935325761557	S9S12GNA32F0WLF	16-bit,32k Flash,12ADC	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GNA32F0MLF	935325804557	S9S12GNA32F0MLF	12BIT ADC,32K FLASH,2K R	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GNA16F0WLF	935321887557	S9S12GNA16F0WLF	16-bit,16k Flash,12ADC	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GNA16F0MLFR	935321844528	S9S12GNA16F0MLFR	32K FLASH,2K RAM, ADC	(L)QFP48	SOT313-3	RFS	No	BLAG

S9S12GNA16F0MLF	935321844557	S9S12GNA16F0MLF	32K FLASH,2K RAM, ADC	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32AMLF	935353916557	S9S12GN32AMLF	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32ACLFR	935353914528	S9S12GN32ACLFR	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32ACLF	935353914557	S9S12GN32ACLF	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16J0VLF	935354168557	S9S12GN16J0VLF	16-bit,16k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16J0MLFR	935354166528	S9S12GN16J0MLFR	16-bit,16k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16J0MLF	935354166557	S9S12GN16J0MLF	16-bit,16k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16J0CLF	935354165557	S9S12GN16J0CLF	16-bit,16k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16F0WLF	935311379557	S9S12GN16F0WLF	16-bit,16k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16F0VLF	935321592557	S9S12GN16F0VLF	16-bit,16k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16F0MLFR	935323505528	S9S12GN16F0MLFR	S12 CORE 16K FLASH AU	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16F0MLF	935323505557	S9S12GN16F0MLF	S12 CORE 16K FLASH AU	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16F0CLFR	935310852528	S9S12GN16F0CLFR	16-bit,16k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16F0CLF	935310852557	S9S12GN16F0CLF	16-bit,16k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16AVLF	935362428557	S9S12GN16AVLF	16-bit,16k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16AMLFR	935362426528	S9S12GN16AMLFR	16-bit,16k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16AMLF	935362426557	S9S12GN16AMLF	16-bit,16k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16ACLFR	935362425528	S9S12GN16ACLFR	16-bit,16k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16ACLF	935362425557	S9S12GN16ACLF	16-bit,16k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32AVLF	935353918557	S9S12GN32AVLF	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN32AMLFR	935353916528	S9S12GN32AMLFR	16-bit,32k Flash,2k RAM	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GN16F1CLCR	935319879528	S9S12GN16F1CLCR	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32J1MLCR	935353954528	S9S12GN32J1MLCR	16-bit,32k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32F1MLCR	935317518528	S9S12GN32F1MLCR	16-bit,32k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32F1MLC	935317518557	S9S12GN32F1MLC	16-bit,32k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32BVLCR	935353908528	S9S12GN32BVLCR	16-bit,32k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32BVLC	935353908557	S9S12GN32BVLC	16-bit,32k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32BMLCR	935353907528	S9S12GN32BMLCR	16-bit,32k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32BMLC	935353907557	S9S12GN32BMLC	16-bit,32k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32BCLCR	935363181528	S9S12GN32BCLCR	16-bit,32k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32BCLC	935363181557	S9S12GN32BCLC	16-bit,32k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16J1VLCR	935353951528	S9S12GN16J1VLCR	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16J1VLC	935353951557	S9S12GN16J1VLC	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16F1VLCR	935317765528	S9S12GN16F1VLCR	16 BIT 16K FLASH 2K RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16F1VLC	935317765557	S9S12GN16F1VLC	16 BIT 16K FLASH 2K RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16BMLCR	935353904528	S9S12GN16BMLCR	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16BMLC	935353904557	S9S12GN16BMLC	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16BCLCR	935353903528	S9S12GN16BCLCR	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16BCLC	935353903557	S9S12GN16BCLC	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG

S9S12GN32F1VLCR	935315228528	S9S12GN32F1VLCR	16 BIT 32K FLASH 2K RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32F1VLC	935315228557	S9S12GN32F1VLC	16 BIT 32K FLASH 2K RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32J1VLC	935353956557	S9S12GN32J1VLC	16-bit,32k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16F1MLCR	935311279528	S9S12GN16F1MLCR	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
G9S12GN32F1VLCR	935315227528	G9S12GN32F1VLCR	16 BIT 32K FLASH 2K RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
G9S12GN32F1VLC	935315227557	G9S12GN32F1VLC	16 BIT 32K FLASH 2K RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
G9S12GN16F1VLCR	935317764528	G9S12GN16F1VLCR	16 BIT 16K FLASH 2K RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
G9S12GN16F1VLC	935317764557	G9S12GN16F1VLC	16 BIT 16K FLASH 2K RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16F1MLC	935311279557	S9S12GN16F1MLC	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32J1VLCR	935353956528	S9S12GN32J1VLCR	16-bit,32k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32J1MLC	935353954557	S9S12GN32J1MLC	16-bit,32k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16J1CLC	935353946557	S9S12GN16J1CLC	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16J1CLCR	935353946528	S9S12GN16J1CLCR	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32J1CLC	935353953557	S9S12GN32J1CLC	16-bit,32k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16J1MLC	935353948557	S9S12GN16J1MLC	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16J1MLCR	935353948528	S9S12GN16J1MLCR	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN32F1CLC	935323186557	S9S12GN32F1CLC	16-bit,32k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16BVLC	935353905557	S9S12GN16BVLC	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16BVLCR	935353905528	S9S12GN16BVLCR	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16F1CLC	935319879557	S9S12GN16F1CLC	16-bit,16k Flash,2k RAM	(L)QFP32	SOT358-3	RFS	No	BLAG
S9S12GN16F1VTJ	935315041574	S9S12GN16F1VTJ	16-bit,16k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN32F1VTJ	935321881574	S9S12GN32F1VTJ	16-bit,32k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN16J1MTJ	935353898574	S9S12GN16J1MTJ	16-bit,16k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN16J1VTJ	935353899574	S9S12GN16J1VTJ	16-bit,16k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN32F1MTJ	935312526574	S9S12GN32F1MTJ	16-bit,32k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN32J1VTJ	935362341574	S9S12GN32J1VTJ	16-bit,32k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN32BMTJ	935362337574	S9S12GN32BMTJ	16-bit,32k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN32J1MTJ	935353902574	S9S12GN32J1MTJ	16-bit,32k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN16F1CTJ	935325735574	S9S12GN16F1CTJ	16-bit,16k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN32F1CTJR	935321766534	S9S12GN32F1CTJR	16-bit,32k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN32J1VTJR	935362341534	S9S12GN32J1VTJR	16-bit,32k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN16BVTJ	935362335574	S9S12GN16BVTJ	16-bit,16k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN16J1VTJR	935353899534	S9S12GN16J1VTJR	16-bit,16k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN16BMTJ	935381033574	S9S12GN16BMTJ	16-bit,16k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN32BVTJ	935362338574	S9S12GN32BVTJ	16-bit,32k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN16BVTJR	935362335534	S9S12GN16BVTJR	16-bit,16k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG

S9S12GN32BVTJR	935362338534	S9S12GN32BVTJR	16-bit,32k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN16F1VTJR	935315041534	S9S12GN16F1VTJR	16-bit,16k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN16F1MTJ	935314933574	S9S12GN16F1MTJ	16-bit,16k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN32F1VTJR	935321881534	S9S12GN32F1VTJR	16-bit,32k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12GN32F1CTJ	935321766574	S9S12GN32F1CTJ	16-bit,32k Flash,2k RAM	(T)SSOP20	SOT360-2	RFS	No	BLAG
S9S12G240F0MLH	935317932557	S9S12G240F0MLH	16BIT 240KB FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G192F0VLHR	935313339528	S9S12G192F0VLHR	16BIT 192KB FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G192F0CLH	935323804557	S9S12G192F0CLH	16BIT 192KB FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G192F0VLH	935313339557	S9S12G192F0VLH	16BIT 192KB FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G240F0CLH	935311142557	S9S12G240F0CLH	16BIT 240KB FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
			Au 16BIT 192KFLASH					
S9S12GA192F0MLHR	935311214528	S9S12GA192F0MLHR	11264	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12GA240F0VLH	935310988557	S9S12GA240F0VLH	16BIT 240KB FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
			16BIT 192K FLASH 11264					
S9S12GA192F0CLH	935318598557	S9S12GA192F0CLH	R	(L)QFP64	SOT1699-1	RFS	No	BLAG
			Au 16BIT 192KFLASH					
S9S12GA192F0MLH	935311214557	S9S12GA192F0MLH	11264	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12GA240F0MLH	935323244557	S9S12GA240F0MLH	16BIT 240KB FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G240F0VLH	935311215557	S9S12G240F0VLH	16BIT 240KB FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
S9S12G240F0MLHR	935317932528	S9S12G240F0MLHR	16BIT 240KB FLASH	(L)QFP64	SOT1699-1	RFS	No	BLAG
			16BIT 192K Flash 11K					
S9S12GA192F0MLLR	935323341528	S9S12GA192F0MLLR	RAM	(L)QFP100	SOT407-3	RFS	No	BLAG
			32Bit 192 Flash					
S9S12G192F0MLL	935322001557	S9S12G192F0MLL	11264RAM	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G240F0CLL	935318307557	S9S12G240F0CLL	16BIT 240KB FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
			Au 32Bit 192Flash					
S9S12G192F0VLLR	935317761528	S9S12G192F0VLLR	11264R	(L)QFP100	SOT407-3	RFS	No	BLAG
MC9S12G192CLLR	935323309528	MC9S12G192CLLR	16BIT 192K FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
			32Bit 192 Flash					
S9S12G192F0CLLR	935311931528	S9S12G192F0CLLR	11264RAM	(L)QFP100	SOT407-3	RFS	No	BLAG
			Au 32Bit 192Flash					
S9S12G192F0VLL	935317761557	S9S12G192F0VLL	11264R	(L)QFP100	SOT407-3	RFS	No	BLAG
			32Bit 192 Flash					
S9S12G192F0CLL	935311931557	S9S12G192F0CLL	11264RAM	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G240F0VLLR	935311391528	S9S12G240F0VLLR	16BIT 240KB FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12GA240F0VLL	935321715557	S9S12GA240F0VLL	16BIT 240KB FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12GA240F0VLLR	935321715528	S9S12GA240F0VLLR	16BIT 240KB FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
			16BIT 192K Flash 11K					
S9S12GA192F0CLL	935325027557	S9S12GA192F0CLL	RAM	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G240F0MLL	935325807557	S9S12G240F0MLL	16BIT 240KB FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12GA240F0MLL	935317594557	S9S12GA240F0MLL	16BIT 240KB FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG
S9S12G240F0VLL	935311391557	S9S12G240F0VLL	16BIT 240KB FLASH	(L)QFP100	SOT407-3	RFS	No	BLAG

S9S12GA240F0MLF	935314711557	S9S12GA240F0MLF	16BIT 240KB FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G192F0MLFR	935311252528	S9S12G192F0MLFR	16BIT 192KB FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G192F0VLF	935313357557	S9S12G192F0VLF	16BIT 192KB FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G240F0CLFR	935317599528	S9S12G240F0CLFR	16BIT 240KB FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G192F0VLFR	935313357528	S9S12G192F0VLFR	16BIT 192KB FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G240F0CLF	935317599557	S9S12G240F0CLF	16BIT 240KB FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G240F0MLF	935311934557	S9S12G240F0MLF	16BIT 240KB FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G192F0MLF	935311252557	S9S12G192F0MLF	16BIT 192KB FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA192F0MLF	935315092557	S9S12GA192F0MLF	16BIT 192KB FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA192F0MLFR	935315092528	S9S12GA192F0MLFR	16BIT 192KB FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G240F0MLFR	935311934528	S9S12G240F0MLFR	16BIT 240KB FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G240F0VLFR	935317849528	S9S12G240F0VLFR	16BIT 240KB FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12G240F0VLF	935317849557	S9S12G240F0VLF	16BIT 240KB FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG
S9S12GA240F0VLF	935323249557	S9S12GA240F0VLF	16BIT 240KB FLASH	(L)QFP48	SOT313-3	RFS	No	BLAG