



## Customer Information Notification

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**Issue Date:** 13-Nov-2020  
**Effective Date:** 14-Nov-2020

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### Change Category

- |  |  |  |   |   |
|--|--|--|---|---|
| <input type="checkbox"/> Wafer Fab Process   | <input type="checkbox"/> Assembly Process                                  | <input type="checkbox"/> Product Marking           | <input type="checkbox"/> Test Location  | <input type="checkbox"/> Design                         |
| <input type="checkbox"/> Wafer Fab Materials | <input type="checkbox"/> Assembly Materials                                | <input type="checkbox"/> Mechanical Specification  | <input type="checkbox"/> Test Process   | <input checked="" type="checkbox"/> Errata              |
| <input type="checkbox"/> Wafer Fab Location  | <input type="checkbox"/> Assembly Location                                 | <input type="checkbox"/> Packing/Shipping/Labeling | <input type="checkbox"/> Test Equipment | <input type="checkbox"/> Electrical spec./Test coverage |
| <input type="checkbox"/> Firmware            | <input checked="" type="checkbox"/> Other - Datasheet and Reference Manual |  |   |   |

**MC9S08PL/PLS Series  
Datasheet and Reference  
Manual Update & Errata  
release**

### Description

NXP Semiconductors announces that Datasheet and Reference Manual have been updated to below new revision for MC9S08PL60/PL16/PL16S and the errata documentations have been released for MC9S08PL60/PL16/PL4.

#### Datasheet:

MC9S08PL16\_Rev.5, MC9S08PL16S\_Rev.3, MC9S08PL60\_Rev.4

#### Reference Manual:

MC9S08PL16RM\_Rev.6, MC9S08PL16SRM\_Rev.3, MC9S08PL60RM\_Rev.6

#### Errata:

Released following new errata for MC9S08PL60 (mask 0N21P), MC9S08PL16 (mask 0N23P/2N10J) and MC9S08PL4 (mask 0N22P).

ERR006657: ADC: ADC FIFO not working when the bus clock is slower than ADC clock divided by 2

ERR005264: DBG: Comparator C with TAG type cannot generate breakpoint when setting breakpoint at the address other than instruction opcode address

The revision history included in the updated document provides a detailed description of the changes.

The updated MC9S08PL60/PL16 Datasheet and Reference Manual can be found at:

[https://www.nxp.com/products/processors-and-microcontrollers/additional-architectures/8-bit-s08-mcus/8-bit-5v-cost-effective-mcu-with-eeeprom:S08PL?&tab=Documentation\\_Tab](https://www.nxp.com/products/processors-and-microcontrollers/additional-architectures/8-bit-s08-mcus/8-bit-5v-cost-effective-mcu-with-eeeprom:S08PL?&tab=Documentation_Tab)

The updated MC9S08PL16S Datasheet and Reference Manual can be found at:

[https://www.nxp.com/products/processors-and-microcontrollers/additional-architectures/8-bit-s08-mcus/8-bit-5v-mcu-with-streamlined-features:S08PLS?&&tab=Documentation\\_Tab](https://www.nxp.com/products/processors-and-microcontrollers/additional-architectures/8-bit-s08-mcus/8-bit-5v-mcu-with-streamlined-features:S08PLS?&&tab=Documentation_Tab)

MC9S08PL60 (mask 0N21P), MC9S08PL16 (mask 0N23P/2N10J) and MC9S08PL4 (mask 0N22P) errata can be found at:

[https://www.nxp.com/products/processors-and-microcontrollers/additional-architectures/8-bit-s08-mcus/8-bit-5v-full-featured-mcu-with-eeeprom:S08PL?&tab=Documentation\\_Tab](https://www.nxp.com/products/processors-and-microcontrollers/additional-architectures/8-bit-s08-mcus/8-bit-5v-full-featured-mcu-with-eeeprom:S08PL?&tab=Documentation_Tab)

#### **Reason**

The Datasheet and Reference Manual have been updated to provide additional technical clarification on some device features.

The Errata have been released to provide additional technical clarification on some device features.

#### **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

#### **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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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.

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NXP Semiconductors

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
MC9S08PL4CTJ	935372433574	MC9S08PL4CTJ	S08PL Tssop20	SOT360-2	TSSOP20	RFS	MCUs
MC9S08PL32CLD	935374758557	MC9S08PL32CLD	8BIT,HCS08LCore,32k Flas	SOT389-2	LQFP44	RFS	MCUs
MC9S08PL60CLD	935374759557	MC9S08PL60CLD	8BIT,HCS08LCore,60k Flas	SOT389-2	LQFP44	RFS	MCUs
MC9S08PL16CTG	935372554574	MC9S08PL16CTG	8 BIT,HCS08L Core, 16k F	SOT403-3	TSSOP16	RFS	MCUs
MC9S08PL8CTG	935372557574	MC9S08PL8CTG	8 BIT,HCS08L Core, 8k F	SOT403-3	TSSOP16	RFS	MCUs
MC9S08PL16CTJ	935373308574	MC9S08PL16CTJ	8 BIT,HCS08L Core, 16k F	SOT360-2	TSSOP20	RFS	MCUs
MC9S08PL32CQH	935372366557	MC9S08PL32CQH	S08PL 64 QFP	SOT1697-1	QFP64	RFS	MCUs
MC9S08PL60CQH	935372367557	MC9S08PL60CQH	S08PL 64 QFP	SOT1697-1	QFP64	RFS	MCUs
MC9S08PL4CSC	935372431574	MC9S08PL4CSC	S08PL SOIC8	SOT96-4	SO8	RFS	MCUs
MC9S08PL4CTG	935372432574	MC9S08PL4CTG	S08PL Tssop16	SOT403-3	TSSOP16	RFS	MCUs
MC9S08PL8CTJ	935373309574	MC9S08PL8CTJ	8 BIT,HCS08L Core, 8k F	SOT360-2	TSSOP20	RFS	MCUs