Never stop thinking

16/32-Bit

Architecture

XC2238M, XC2239M

16/32-Bit Single-Chip Microcontroller with
32-Bit Performance
XC2000 Family Derivatives / Base Line

Addendum to Data Sheet V2.0

V1.0 2011-03

Microcontrollers

Edition 2011-03

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XC223xM
Revision History: V1.0, 2011-03

Previous Version(s):
None

Page	Subjects (major changes since last revisions)

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16/32-Bit Single-Chip Microcontroller with 32-Bit Performance

XC223xM (XC2000 Family)

1 Additional Information

Orders of the various product types described in the Data Sheet can be fulfilled with an alternate marking version (additional basic device type).

Additional information can be obtained from the corresponding Info Note 064/10.

This addendum defines the marking version that can be shipped in response to orders of the original devices listed in the referenced standard Data Sheet for the XC223xM:

1.1 Additional Basic Device Type

This table defines the additional basic device type.

This basic device type provides all features of the respective covered product types as listed in **Table 2**.

Table 1 Additional XC223xM Basic Device Type

Derivative	Flash Memory[1)]	PSRAM DSRAM[2)]	Capt./Comp. Modules	ADC[3)] Chan.	Interfaces[3)]
SAH-XC2030M-104F80L	832 Kbytes Flash	32 Kbytes 16 Kbytes	CC2 CCU60/1	7 + 2	2 CAN Nodes, 4 Serial Chan.

1) Specific information about the on-chip Flash memory in the referenced Data Sheet.

2) All derivatives additionally provide 8 Kbytes SBRAM and 2 Kbytes DPRAM.

3) Specific information about the available channels in the referenced Data Sheet.
Analog input channels are listed for each Analog/Digital Converter module separately (ADC0 + ADC1).

1.2 Product Type Reference

All orders of product types described in the referenced Data Sheet can be fulfilled with devices with this marking:
SAH-XC2030M-104F80L.

For easy reference these product types are listed in the table below.

Table 2 Covered Product Types

Derivative	Device Type
SAF-XC2239M-72FxxL	Special
SAF-XC2238M-56FxxL	Special

Note: You may continue to order your known product type(s).
The replacement will be done automatically during the delivery process.

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