Never stop thinking

16/32-Bit

Architecture

XC2787X

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

Addendum to Data Sheet V2.0

V1.0 2011-03

Microcontrollers

Edition 2011-03

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XC2787X
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None

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

XC2787X (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 XC2787X:

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 XC2787X Basic Device Type

Derivative	Flash Memory[1)]	PSRAM DSRAM[2)]	Capt./Comp. Modules	ADC[3)] Chan.	Interfaces[3)]
SAK-XC2080H-200F100L	1 600 Kbytes Flash	112 Kbytes 24 Kbytes	CC1/2 CCU60/1/2/3	16 + 8	2 FlexRay Nodes, 6 CAN Nodes, 10 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:
SAK-XC2080H-200F100L.

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

Table 2 Covered Product Types

Derivative	Device Type
XC2787X-200FxL	Basic
XC2787X-136FxL	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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