

# 16/32-Bit

Architecture

## XC2336B

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**

**Published by  
Infineon Technologies AG  
81726 Munich, Germany**

**© 2011 Infineon Technologies AG  
All Rights Reserved.**

#### **Legal Disclaimer**

The information given in this document shall in no event be regarded as a guarantee of conditions or characteristics. With respect to any examples or hints given herein, any typical values stated herein and/or any information regarding the application of the device, Infineon Technologies hereby disclaims any and all warranties and liabilities of any kind, including without limitation, warranties of non-infringement of intellectual property rights of any third party.

#### **Information**

For further information on technology, delivery terms and conditions and prices, please contact the nearest Infineon Technologies Office ([www.infineon.com](http://www.infineon.com)).

#### **Warnings**

Due to technical requirements, components may contain dangerous substances. For information on the types in question, please contact the nearest Infineon Technologies Office.

Infineon Technologies components may be used in life-support devices or systems only with the express written approval of Infineon Technologies, if a failure of such components can reasonably be expected to cause the failure of that life-support device or system or to affect the safety or effectiveness of that device or system. Life support devices or systems are intended to be implanted in the human body or to support and/or maintain and sustain and/or protect human life. If they fail, it is reasonable to assume that the health of the user or other persons may be endangered.

# 16/32-Bit

Architecture

## XC2336B

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

---

**XC2336B****Revision History: V1.0, 2011-03**

Previous Version(s):

None

Page	Subjects (major changes since last revisions)

**Trademarks**

C166™, TriCore™, and DAVE™ are trademarks of Infineon Technologies AG.

**We Listen to Your Comments**

Is there any information in this document that you feel is wrong, unclear or missing?

Your feedback will help us to continuously improve the quality of this document.

Please send your proposal (including a reference to this document) to:

[mcdocu.comments@infineon.com](mailto:mcdocu.comments@infineon.com)



## **Table of Contents**

<b>1</b>	<b>Additional Information</b>	<b>6</b>
1.1	Additional Basic Device Type	6
1.2	Product Type Reference	7

**16/32-Bit Single-Chip Microcontroller with 32-Bit Performance**  
**XC2336B (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 XC2336B:

### 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 XC2336B Basic Device Type**

<b>Derivative</b>	<b>Flash Memory<sup>1)</sup></b>	<b>PSRAM DSRAM<sup>2)</sup></b>	<b>Capt./Comp. Modules</b>	<b>ADC<sup>3)</sup> Chan.</b>	<b>Interfaces<sup>3)</sup></b>
SAK-XC2030N-40F80L	320 Kbytes Flash	16 Kbytes 16 Kbytes	CC2 CCU60/1	7 + 2	3 CAN Nodes, 6 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-XC2030N-40F80L.**

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

**Table 2 Covered Product Types**

<b>Derivative</b>	<b>Device Type</b>
XC2336B-24F40L	Basic
XC2336B-40F80L	Basic
XC2336B-24FxL	Special
XC2336B-40FxL	Special

*Note: You may continue to order your known product type(s).*

*The replacement will be done automatically during the delivery process.*

[www.infineon.com](http://www.infineon.com)