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# KIT\_XMC\_PLT2GO\_XMC4200

## Overview

### XMC4200 Platform2Go

Kit Platform2GO XTREME XMC4200 kit – This kit has the XMC4200 device with debugger plus CAN, ARDUINO, MikroBUS and Shields2Go form factor.

Equipped with an ARM® Cortex®-M4 based XMC™ Microcontroller from Infineon Technologies AG, the XMC4200 Platform2Go is designed to evaluate the capabilities of Infineon's

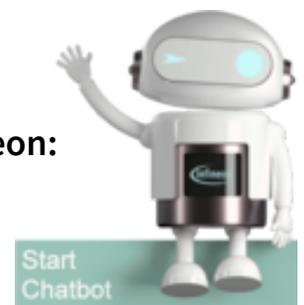
**XMC4200 (/cms/en/product/microcontroller/32-bit-industrial-microcontroller-based-on-arm-cortex-m/32-bit-xmc4000-industrial-microcontroller-arm-cortex-m4/xmc4100-xmc4200/)**

Microcontroller. It can be used with a wide range of development tools including Infineon's free of charge ModusToolbox.

ModusToolbox™ software supports application development using the XMC4200 evaluation kit by providing board support package (BSP) and validated code examples to help you get started. To download the latest version of the software, please visit the **ModusToolbox™ webpage (/cms/en/design-support/tools/sdk/modustoolbox-software/)**

**Order Nr.: KIT\_XMC\_PLT2GO\_XMC4200**

**Sign up for the latest Design Challenge hosted by element14 and Infineon:**





Infineon and the element14 community have come up with an exciting new Design Challenge that will speak to your creativity and imagination. The aim is to “Sustain Our Planet” with innovative, inspiring designs featuring the **XMC4200 Platform2Go**.

**Your ideas have the power to make a real difference.**

- **Klick**  
here (</cms/en/product/promopages/element14-design-challenge/?redirId=130492>)  
to know more about the challenge

### Summary of Features

- XMC™4200 (ARM® Cortex™-M4)
- ARDUINO Uno compatibility
- Shields2Go connectivity
- Ethernet-enabled communication option
- Additional voltage level shifters
- Available in four different assembly versions: 3.3V Shields (Lite), 5V (Lite)
- CAN connectivity

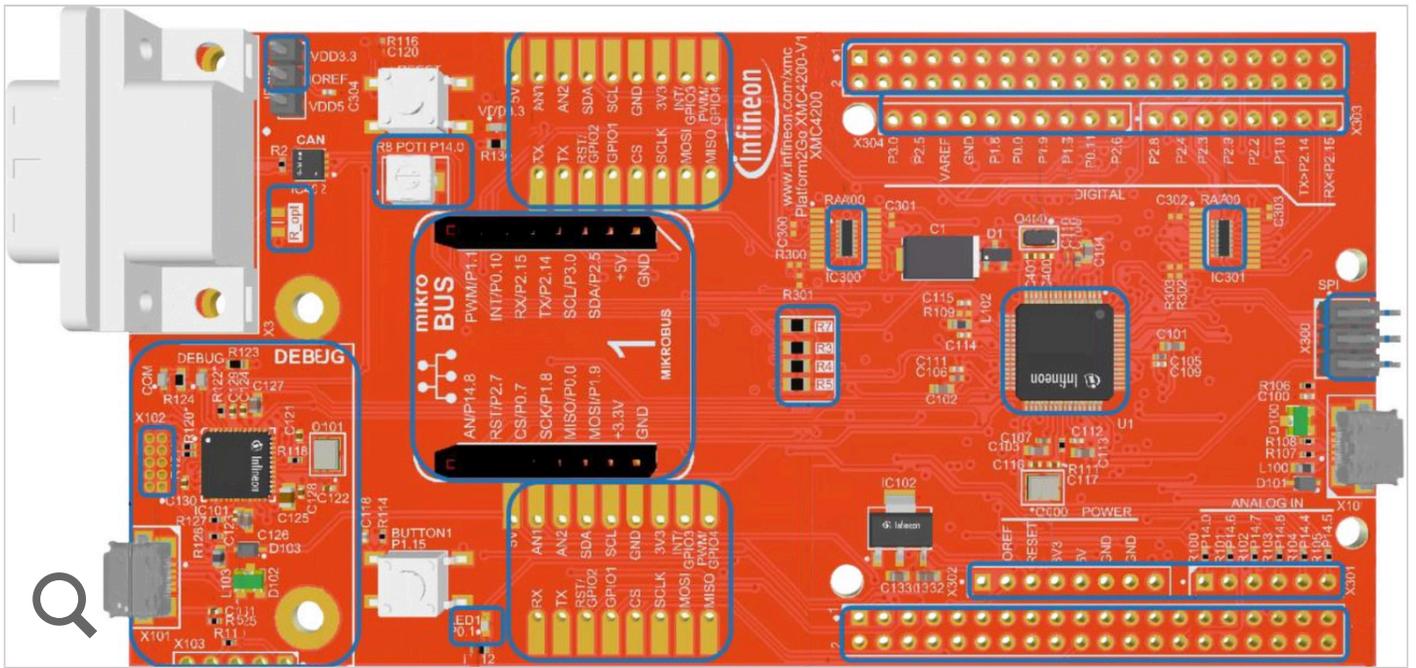
### Benefits

- Highest integration on Microcontrollers
- Easy to design products
- Highest efficiency
- Reduced system cost
- Full integration with ModusToolbox™ IDE through Board Support Package (BSP)

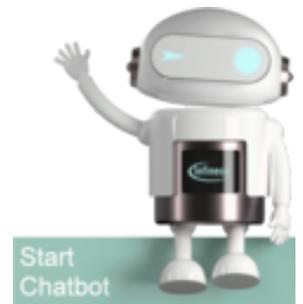


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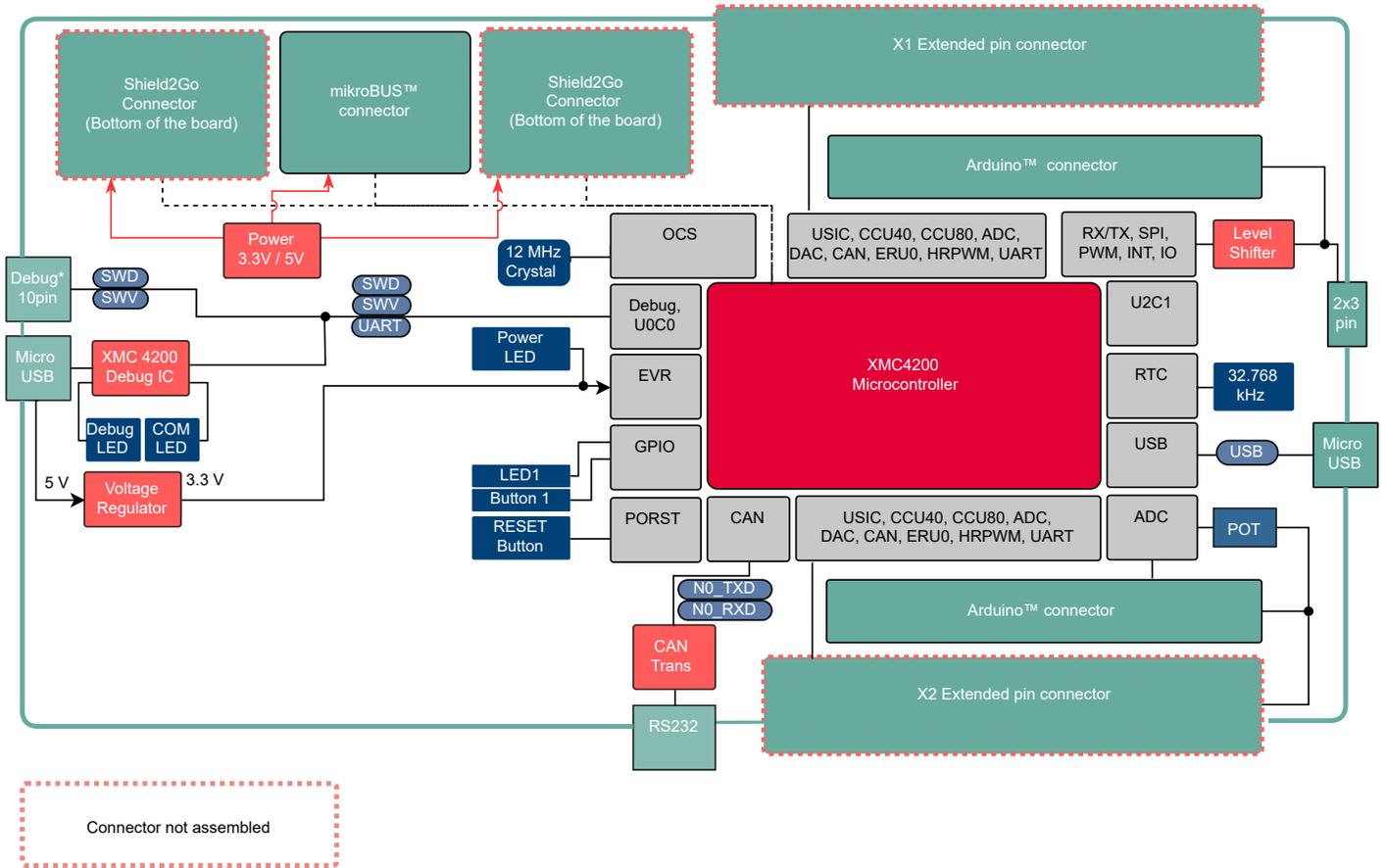




## Diagrams

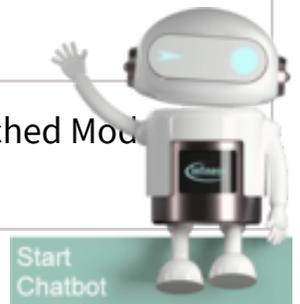


**XMC 4200  
Platform2GO**



**Parametrics**

Parametrics	KIT_XMC_PLT2GO_XMC4200
Applications	General Purpose ; Motor Control ; Switched Mod Power Supplies (SMPS)
Bluetooth Standard	N/A
Board Type	Evaluation Kit



<b>Parametrics</b>	<b>KIT_XMC_PLT2GO_XMC4200</b>
CapSense	No
Core	ARM Cortex-M4
External memory	None
Family	XMC4200 Industrial Microcontroller
GPIOs/Shield Compatibility	Arduino Uno, mikroBUS, Shield2Go
Input Type	DC
Product Name	XMC4200 Platform2Go
Programmer/Debugger	Onboard XMC4200 Debug IC
Qualification	Industrial
Sensors	None
Software Support	ModusToolbox
Target Application	Industrial
WiFi Standard	N/A

## Documents

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ret=https%3A%2F%2Fwww.infineon.com%2Fcms%2Fen%2Fproduct%2Fevaluation-boards%2Fkit\_xmc\_plt2go\_xmc4200%2F%23!documents)  
to myInfineon to see all documents available



## + User Manual