Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
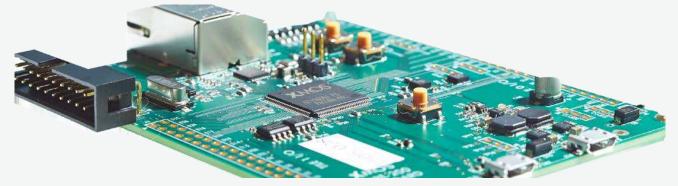

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xCORE-200 eXplorerKIT

EVALUATING xCORE-200 MULTICORE MICROCONTROLLERS

FEATURES

- XE216-512-TQ128 device

- 16 logical cores, up to 2000MIPS, 512KB SRAM

- High speed USB interface

- 10/100/1000 Mbps Ethernet interface

- 53 high speed GPIO

- 3D Accelerometer and Magnetometer

- Six servo interfaces

- Powered from USB micro-B connectors

- Includes xTAG debug adaptor

xCORE-200 eXplorerKIT contains everything you need to start developing applications on the powerful xCORE-200 multicore microcontroller products from XMOS. It's easy to use and provides lots of advanced features on a small, low cost platform.

The xCORE-200 eXplorerKIT features our XE216-512 xCORE-200 multicore microcontroller. This device has sixteen 32bit logical cores that deliver up to 2000MIPS completely deterministically. The combination of 100/1000 Mbps Ethernet, high speed USB and 53 high performance GPIO make the xCORE-200 eXplorerKIT an ideal platform for functions ranging from robotics and motion control to networking and digital audio.

The xCORE-200 eXplorerKIT also features a 3D accelerometer, a 3-axis gyroscope and six servo interfaces for rapid prototyping of motor and motion control projects.

xCORE lets you software-configure the interfaces that you need for your system; so with xCORE-200 eXplorerKIT you can configure the board to match your exact requirements.

ORDERING INFORMATION:

For a list of XMOS distributors, please visit www.xmos.com/support/distributors.

Part number	Contents
XK-EVK-XE216	xCORE-200 eXplorerKIT (XK-EVK-XE216) xTAG debug adapter