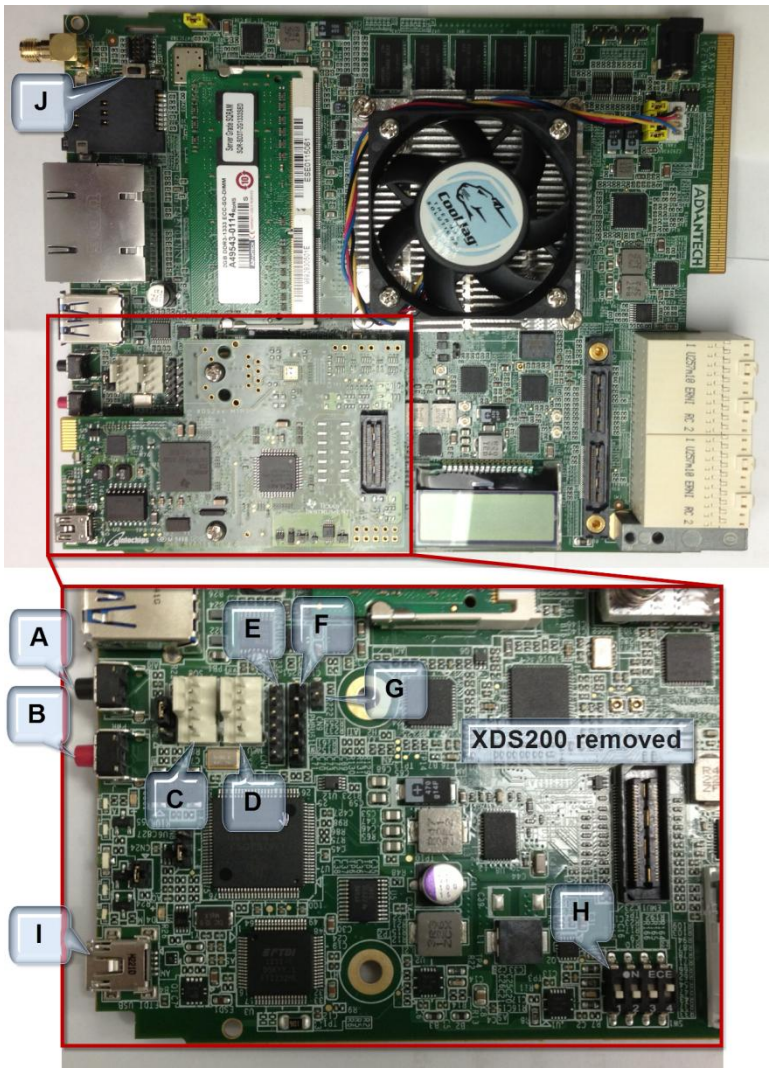




XTCIEVMK2X Evaluation Module Quick Start Guide

XTCIEVMK2X Evaluation Module



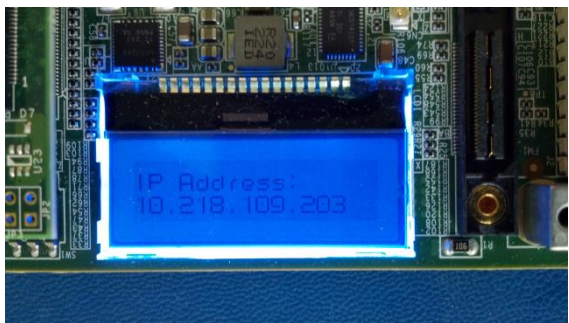
A	No Functionality	F	Reserve for factory programming
B	1 press: safe shutdown of SOC; 2 presses within 0.5sec: warm reset; 3 presses with 0.5 sec: full reset; 4 presses with 0.5 sec: cancel reset	G	MCU Reset Jumper for BMC field update
C	COM2: SoC UART Console	H	Dip switch for boot configuration: 0001: No Boot/JTAG DSP Little Endian Boot mode 0010: Uboot mode
D	COM1: MCU UART Console	I	Provide 2 console ports in USB interface (same as "C" and "D")
E	Reserve for factory programming	J	MCU Reset: Resets the microcontroller and will reset the entire board

Instructions to boot up application launcher:



1

Ensure EVM configuration switch are set as shown for NOR SPI Boot.



2

Get the IP Address from the LCD.



3

Enter the address into a web browser on a PC.



4

The Matrix Application Launcher will load on the browser. Click on any icon to load application.

Getting Started:

Please see the 'Getting Started' chapter in the MCSDK User Guide for hardware and software setup:

http://processors.wiki.ti.com/index.php/MCSDK_User_Guide_for_KeyStone_II.

Important Notes when handling the EVM:

- Plug in all the cables before powering ON the EVM to ensure proper grounding.
- Do not unnecessarily flex the boards, while inserting cables. Excessive flexing can break the PCB traces.
- Use proper ESD procedures when handling the EVM.
- Warning: Some components on the EVM may be too hot to touch with your bare hand when power is on.

Online Documentation

- TI device product page
<http://www.ti.com/product/tci6634k2k>
<http://www.ti.com/product/tci6636k2h>
<http://www.ti.com/product/tci6638k2k>
<http://www.ti.com/product/66ak2h06>
<http://www.ti.com/product/66ak2h12>
- Multicore SDK
<http://www.ti.com/tool/bioslinuxmcsdk>
http://processors.wiki.ti.com/index.php/MCSDK_User_Guide_for_KeyStone_II
- CCS v5
http://processors.wiki.ti.com/index.php/Category:Code_Composer_Studio_v5

C663X EVM Information:

<http://www.advantech.com/Support/TI-EVM/default.aspx>

This link contains:

- Hardware & Software details
- User Guide
- Technical Reference Manual

TCIEVMK2X EVM Support:

Please write to EVM667xsupport@advantech.com.tw for technical queries related to this EVM.

Advantech Address:

Advantech Co., Ltd.
No. 1, Alley 20, Lane 26, Rueiguang Rd., Neihu Dist., Taipei 114, Taiwan, R. O. C.
Toll Free: 0800-777-111
Phone: 886-2-2792-7818
<http://www.advantech.com/>

TI Worldwide Technical Support

Internet

TI Semiconductor Product Information Center Home Page
support.ti.com

TI Semiconductor KnowledgeBase Home page
support.ti.com/sc/knowledgebase

Product Information Centers

Americas

Phone +1(972) 644-5580 Fax +1(972)927-6377
Internet/Email support.ti.com/sc/pic/americas.htm

Europe, Middle East and Africa

Phone

European Free Call	00800-ASK-TEXAS (00800 275 83927)
International	+49 (0) 8161 80 2121
Russian Support	+7 495 981 0701

Note: The European Free Call (Toll Free) number is not active in all countries. If you have technical difficulty calling the free call number, please use the international number above.

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Domestic	0120-81-0036
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International	support.ti.com/sc/pic/japan.htm
Domestic	www.tij.co.jp/pic

Asia

Phone

International	+91-80-413816651-	
Domestic	Toll-Free-Number	Toll-Free-Number
Australia	800-999-084	Malaysia 1-800-80-3973
China	800-820-8682	New Zealand 0800-446-934
Hong Kong	800-96-5941	Philippines 1-800-765-7404
India	1-800-425-7888	Singapore 800-886-1028
Indonesia	001-803-8861-1006	Taiwan 0800-006800
Korea	080-551-2804	Thailand 001-800-886-0010

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Internet support.ti.com/sc/pic/asia.htm

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