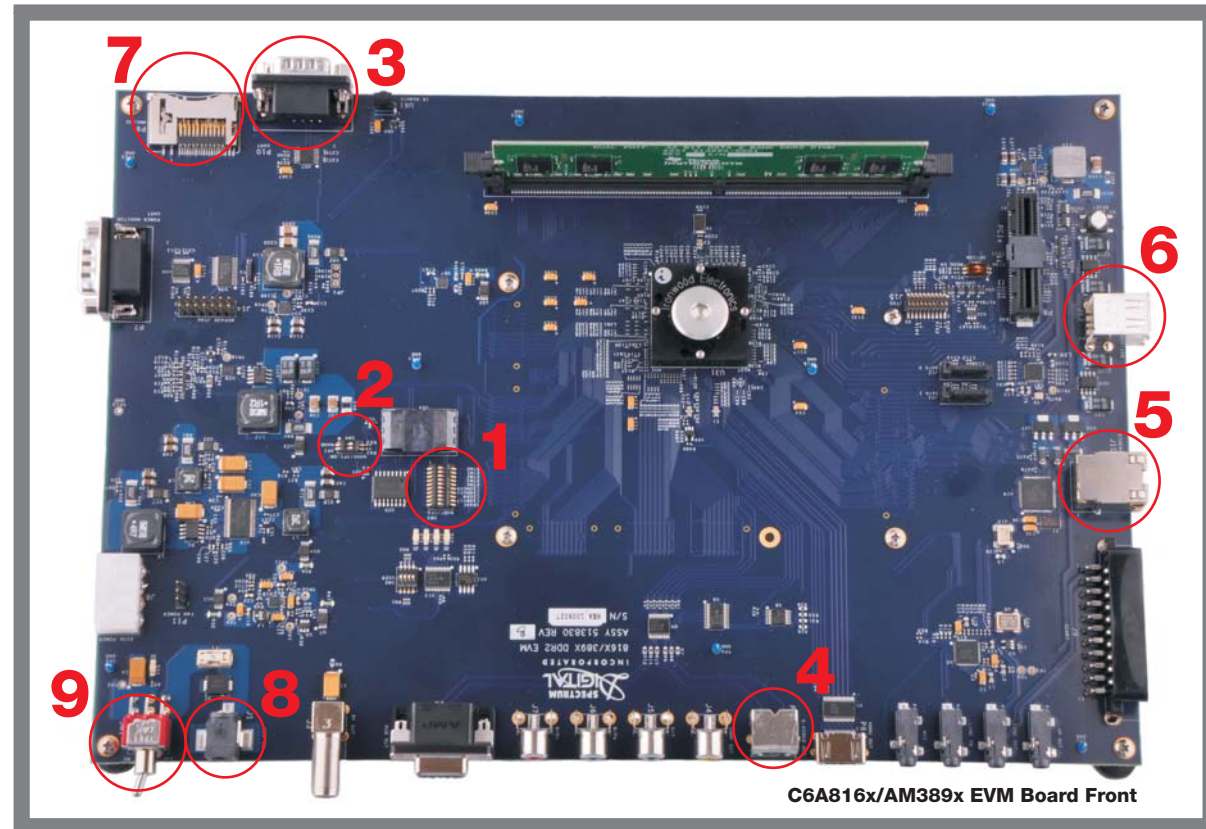
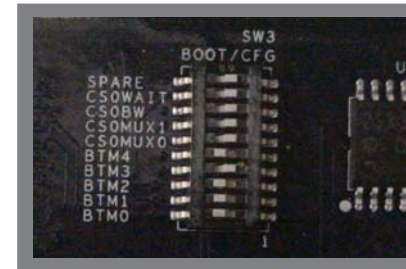


Welcome to the C6A816x/AM389x Evaluation Module (EVM) Quick Start Guide. This guide is designed to help you through the initial setup of your EVM. This EVM allows you to experience numerous demonstrations that showcase both the C6A816x and AM389x processors. The C6A816x/AM389x EVM includes:

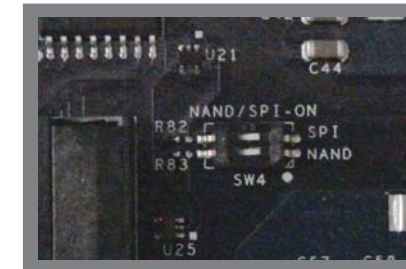
- Hardware
  - C6A8168/AM3894 main board
  - Serial cable
  - HDMI cable
  - Universal power supply with regional adapter
  - Touch-screen LCD monitor (with HDMI input)
  - USB mouse
  - SD card: Contains Linux™ Software Development Kit (SDK) and example applications
  - SD card reader (plugs into USB port on PC)
- Printed documents
  - C6A816x/AM389x EVM Quick Start Guide (this document)
  - Linux SDK SD card content sheet
  - Software license agreement
- Software and soft copy documents
  - C6A816x/AM389x Software Development Kit (on SD card)
  - Sourcery G++™ evaluation tools from CodeSourcery (on DVD)
  - Ubuntu 10.04 LTS (on CD)



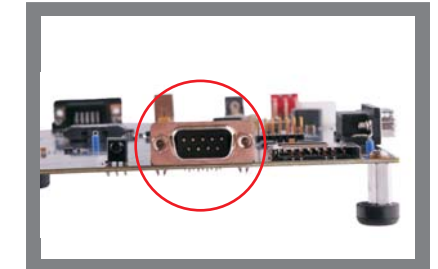
### Default setup (Linux boot from SD card)



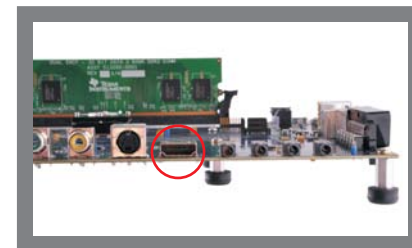
**1** Configure switch SW3:  
BTM0=ON, BTM1=ON,  
BTM2=ON, BTM3=OFF,  
BTM4=ON, all others do not matter.



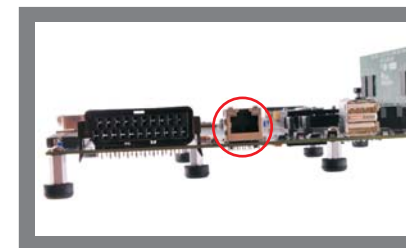
**2** Configure switch SW4:  
NAND=OFF, SPI=OFF.



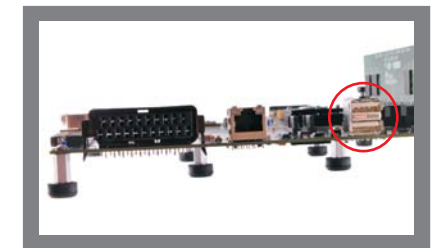
**3** Connect supplied serial cable to UART (P10). Connect the other end of the serial cable to a PC. This step is not required for initial EVM start-up, it is optional. This step enables viewing of console messages on a PC terminal and changing some of the default parameters on the EVM.



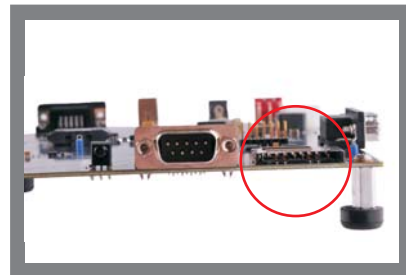
**4** Connect the supplied HDMI cable to the HDMI connector (P6). Connect the other end of the cable to the supplied LCD monitor or TV. Updated SDK required to enable touch-screen capability.



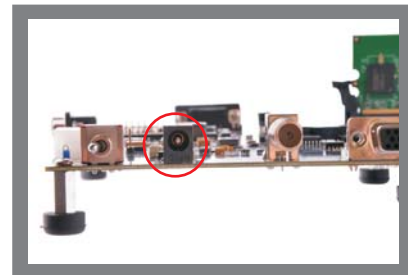
**5** Connect the supplied Ethernet cable to the RJ-45 jack on the board (J10). Connect the other end of the cable to an Internet-ready connection (router/switch). This step is not required for initial EVM start-up, it is optional. This step allows proper execution of example applications that use Internet access.



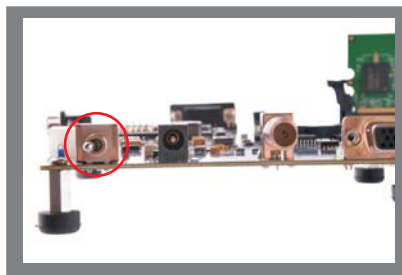
**6** Connect the supplied USB mouse to the top connector of the USB port (J13).



**7** Connect the supplied SD card into the SD card slot, with SD card label facing up (P9).



**8** Connect the supplied 12-V DC power supply to the EVM (J1).



**9** Turn power switch (SW1) to the ON position (closest position to the corner of the PCB board).



**10** Graphical Application Launcher should display on the LCD monitor (or TV) within approximately one minute. Note: By default, the HDMI output is set to 720p resolution. To change output resolution, please refer to the Software Development Guide (provided in the SDK installer on the SD card).



**11** When you are ready to start programming the C6A816x/AM389x EVM, please remove power to the board, remove the Linux™ SDK SD card and insert into the included and unplugged USB SD card reader. On a Linux host PC running the Ubuntu 10.04 distribution, insert the reader into any unused USB port and from the START HERE folder, run setup.htm.



For more information:  
[www.ti.com/integra](http://www.ti.com/integra)  
[www.ti.com/sitara](http://www.ti.com/sitara)



For more information on the C6A816x/AM389x Evaluation Module please visit: [www.ti.com/integra](http://www.ti.com/integra) or [www.ti.com/sitara](http://www.ti.com/sitara).

For information on the C6A816x and AM389x platforms, please visit: [www.ti.com/performance](http://www.ti.com/performance).

For support questions, please contact: [support.ti.com](http://support.ti.com) or [www.ti.com/e2e](http://www.ti.com/e2e).

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# C6A816x/AM389x Evaluation Module Quick Start Guide