

## Troubleshooting

- If you are having trouble accessing the demos on the included SD card, try the following:
  - Verify DIP switches 6 and 7 on S7 are set to ON and all others are set to OFF.

For more information on the AM1810 processor or to download the latest software, please visit:  
[www.ti.com/am1810](http://www.ti.com/am1810).

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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# AM1810 Evaluation Module (EVM) Quick Start Guide

Congratulations on your purchase of the AM1810 EVM and welcome to the Quick Start Guide. This guide is designed to help you through the initial setup of your EVM. The EVM provides a product-ready hardware and software platform for evaluating the functionality of the Texas Instruments (TI) AM1810 processor.

The following items will be used in this Quick Start Guide.



Baseboard, AM1810, 4.3" LCD, PROFIBUS Daughter Card (pre-assembled)

Ethernet cable

Serial cable

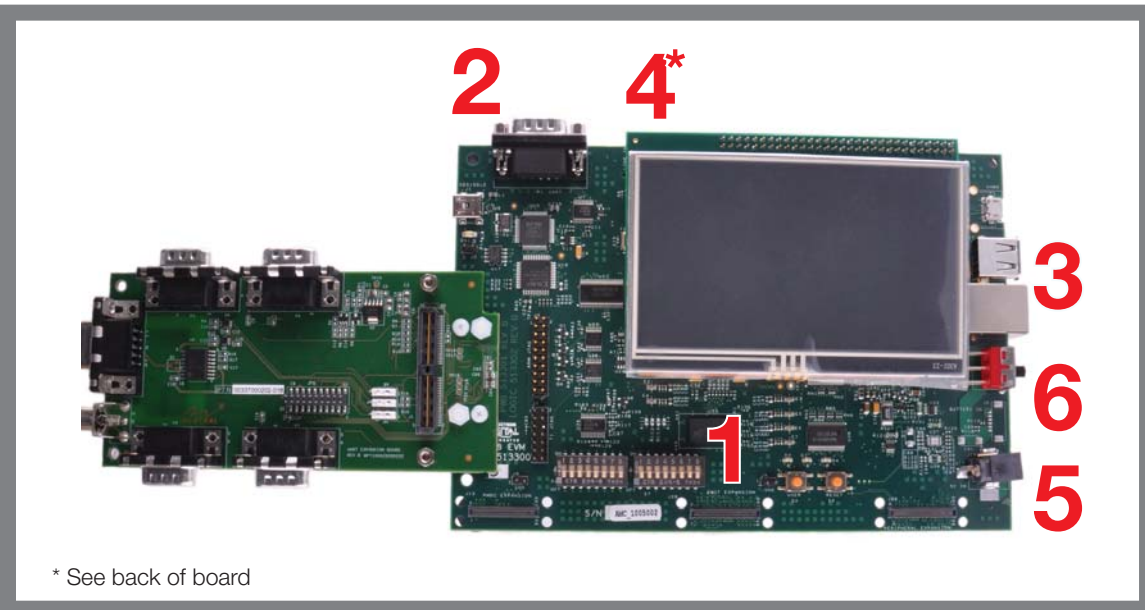
Power supply, US cord, and universal AC adapter (use AC adapter for regions outside the US)

USB SD card reader

SD card (Linux™ SDK)

### Important baseboard locations

(Numbers correspond to the steps on the right.)

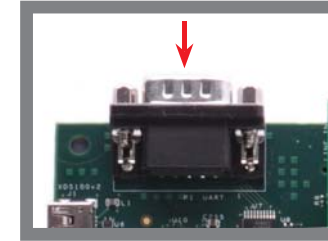


\* See back of board

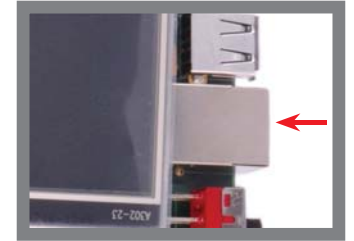
### Quick start setup (OS demo)



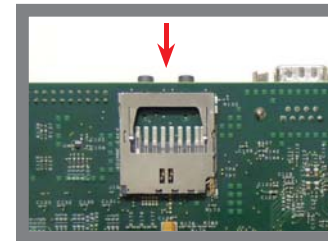
**1** Verify DIP switches 6 and 7 on S7 are set to **ON** and all others are set to **OFF**



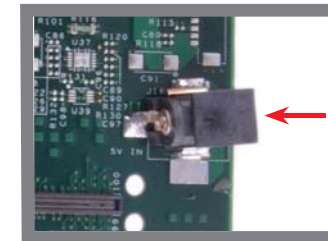
**2** Connect the supplied serial cable to the UART-1/2 DB-9 connector. Connect the other end of the cable to a PC or workstation



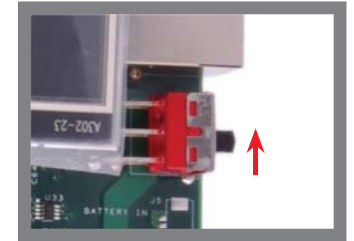
**3** Connect Ethernet cable to the RJ-45 jack on the board. Connect the other end to a router or Ethernet switch



**4** Insert the Linux SDK SD card in the AM1810 EVM SD slot on back of board



**5** Connect power to baseboard



**6** Switch power on



**7** You are now ready to explore the application launcher which contains various example applications and demos. Matrix GUI shown



**8 Next steps**  
To prepare your workstation for software development, power off the kit, remove the SD card and insert into the included USB SD card reader

Connect the USB SD card reader into your Linux™-based PC, locate the START HERE folder on the SD card and view setup.htm. The setup.htm file includes the software development guide which will provide information to guide you through the software installation.

(Continued on following page)