

For more information:
www.ti.com/am437xsk



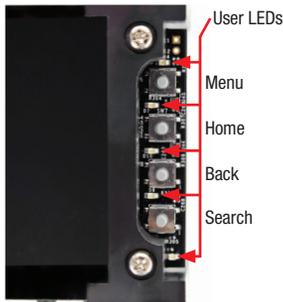
AM437x Starter Kit Quick Start Guide

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Welcome to the AM437x Starter Kit (SK) Quick Start Guide. The guide is designed to help you through the initial setup of the SK. This SK allows you to experience Linux™ and other operating systems on the AM437x Cortex®-A9 processor, 3D graphics and more. The AM437x SK contains the following:

Hardware

- Sitara™ AM437x Cortex-A9 processor, up to 1 GHz
- TPS65218 power management I/C
- 4.3" capacitive touch LCD
- 1 GB DDR3L
- One camera module
- On-board QSPI-NOR Flash
- 2-port Gb Ethernet switch

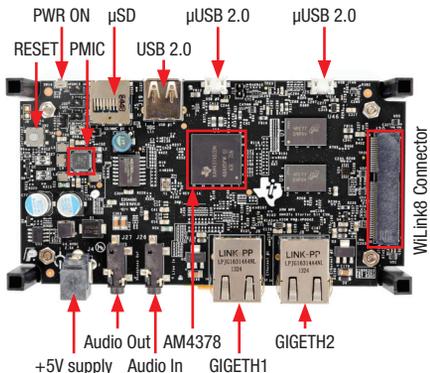


Printed Documents

- AM437x SK Quick Start Guide (this document)

Miscellaneous

- Power supply with international adapters
- μSD card with Linux
- μSD-to-SD card adapter
- Micro USB 2.0 cable



Default setup (OS boot from μ SD card)

1

Remove the LCD protective plastic.



2

Insert the Linux μ SD card into the AM437x Starter Kit as shown.



3

Connect the power cable to the power jack on the board and plug in to an AC power source.

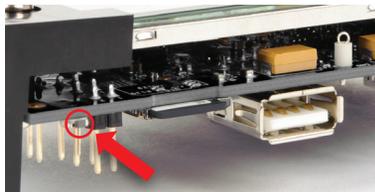
Note: When powering the board, always use the supplied power supply (WT Part Number WT24-0502500-U) or equivalent model having output voltage of +5VDC and output current max 3.0 Amp as well as the applicable regional product regulatory/safety certification requirements such as (by example) UL, CSA, VDE, CCC, PSE, etc.



4

Push and hold the power button until the board's power LED is illuminated.

To turn off, hold the power button for 10 seconds or until power LED turns off.



5

You are now ready to explore the Linux demos. Click on any icon to start the demo and click "exit" (if available) to quit the demo.



Begin development

6

To prepare your workstation for software development, power off the kit, remove the μ SD card, insert into the included SD card adapter (if applicable) and insert it into your PC. If your PC does not include an SD slot, USB SD card adapters are readily available. Follow the instructions below.

Linux™ Development: From a Linux host PC, insert the Linux SD card into the PC, and locate the *START HERE* folder. Run *setup.htm*.

If you need help on setting up a Linux Host PC, please visit www.ti.com/startyourlinux.



7

Connect the supplied USB cable to the micro USB connector on the AM437x base-board and plug the other end to your PC.



8

Connect an Ethernet Cable (not included) to the RJ-45 jack on the AM437x SK board as shown.



Additional resources

For more information on AM437x processors, including:

- User Guide
- Software
- How Tos
- Design Files

please visit www.ti.com/am437x and www.ti.com/am437xsk

For support questions, please contact: support@ti.com or www.ti.com/e2e.

Provide feedback: Take this survey and tell us about your experience using the AM437x Starter Kit: www.ti.com/survey

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