# DK-xTS-LPC3250
# QUICKSTART GUIDE

## Kit Contents:

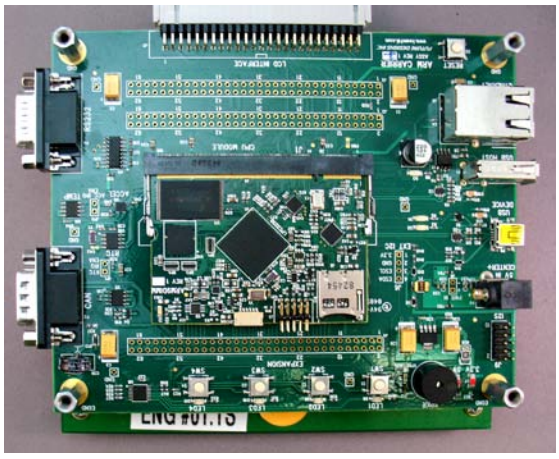
- DK-TS-LPC3250 Touch Screen Kit
- 5V Power Supply
- Segger Mini-JTAG Debugger
- USB Flash Drive
- Documentation
- Serial Cable (Female DB9 to Female DB9)
- Ethernet Cable
- Optional LCD panels (5x7, 3.5, VGA, QVGA, etc)

## Startup Procedure

1. Layout the components needed to utilize the kit


5V Power Supply

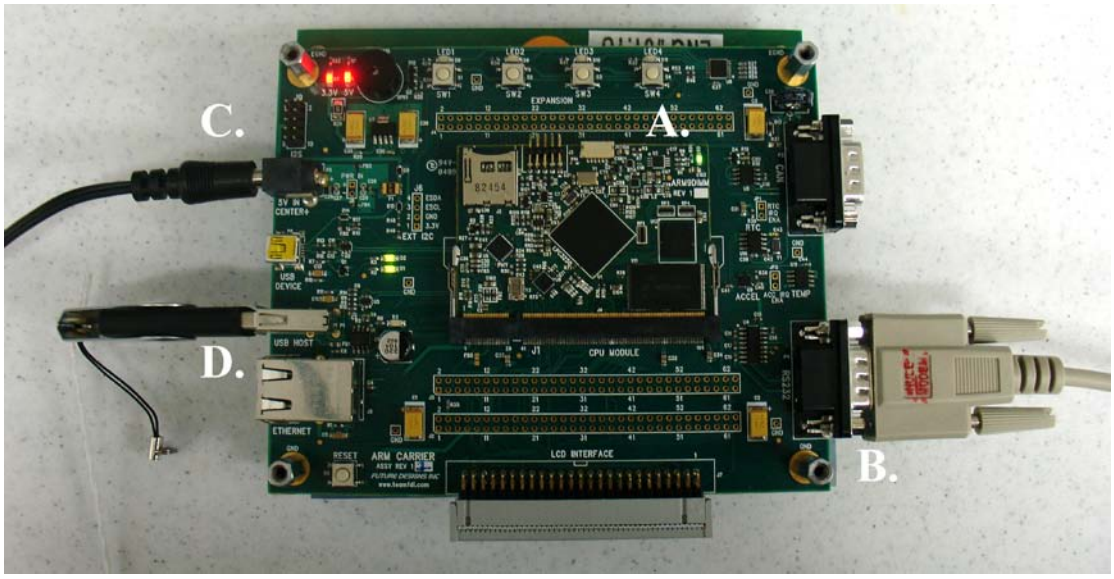

Ethernet Cable



DK-TS-LPC3250 Touch Screen Kit

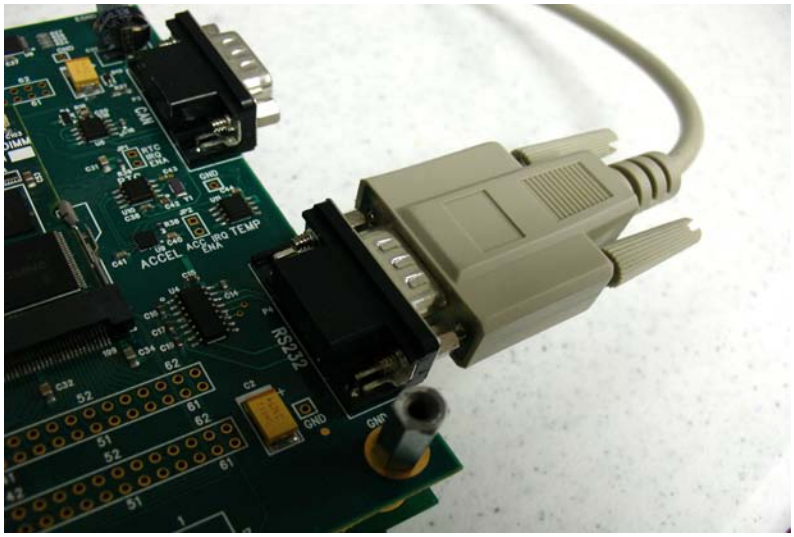
Serial Cable (Female DB9 to Female DB9)


USB Flash Drive

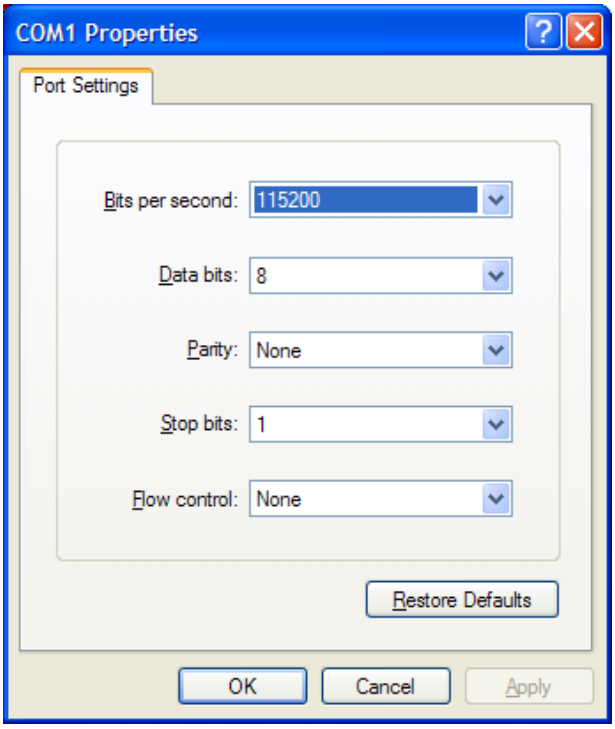



A. DK-TS-KIT
B. Serial Cable
C. Power Supply
D. USB Flash Drive

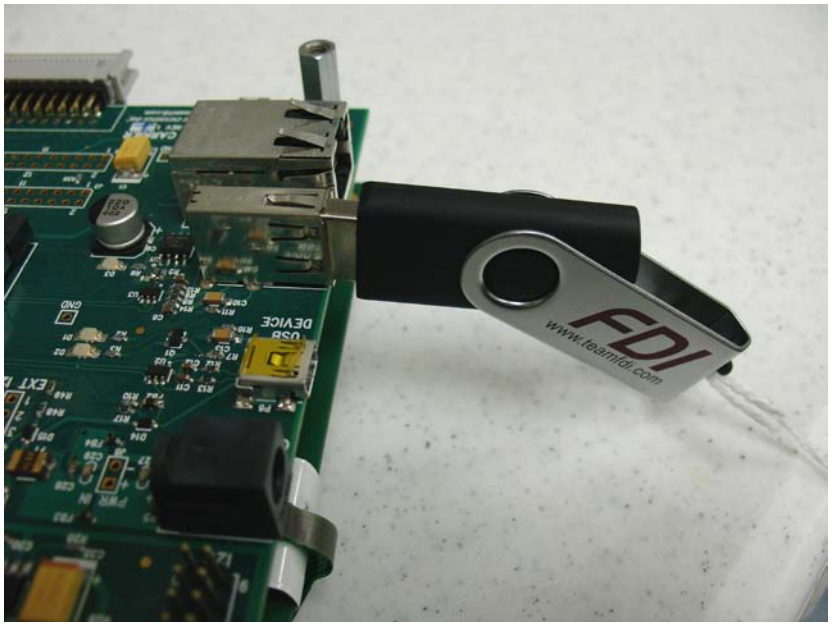
2. Connect the serial cable – this is the console port FOR Linux and should be connected from the DK-TS-KIT Serial Port (P4) to an available serial port on your PC



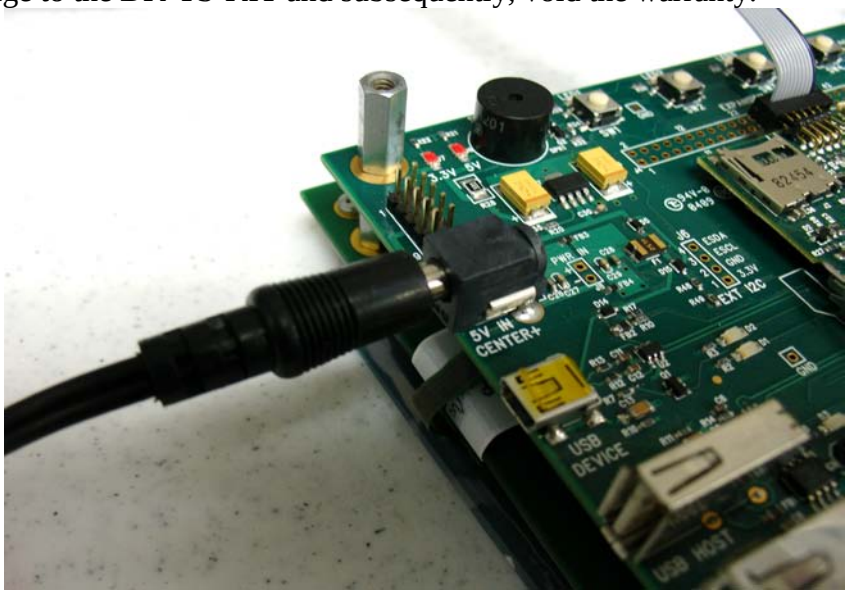
3. Open and configure PC serial communications to 115Kbaud, No Stop, 8Data, 1 Parity (using Hyper Terminal or similar program)



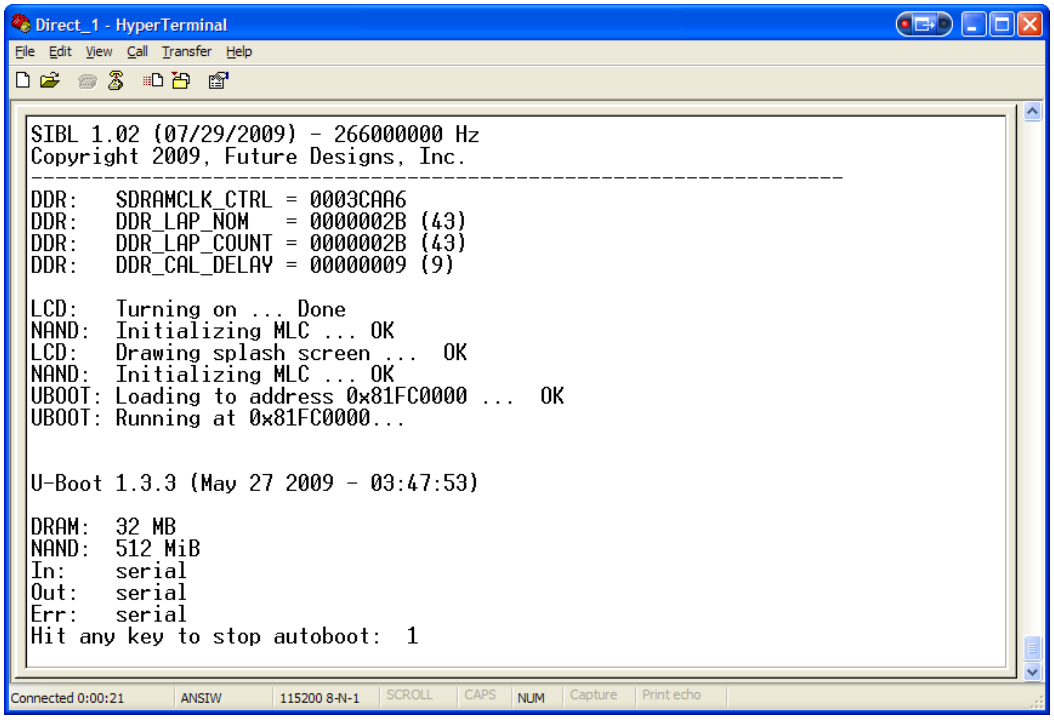

4. Connect the USB Flash Drive (USB Host P1) – for use with the slide show, this is not required if the slideshow demo is not desired. Must be plugged in at boot for slideshow to work properly.



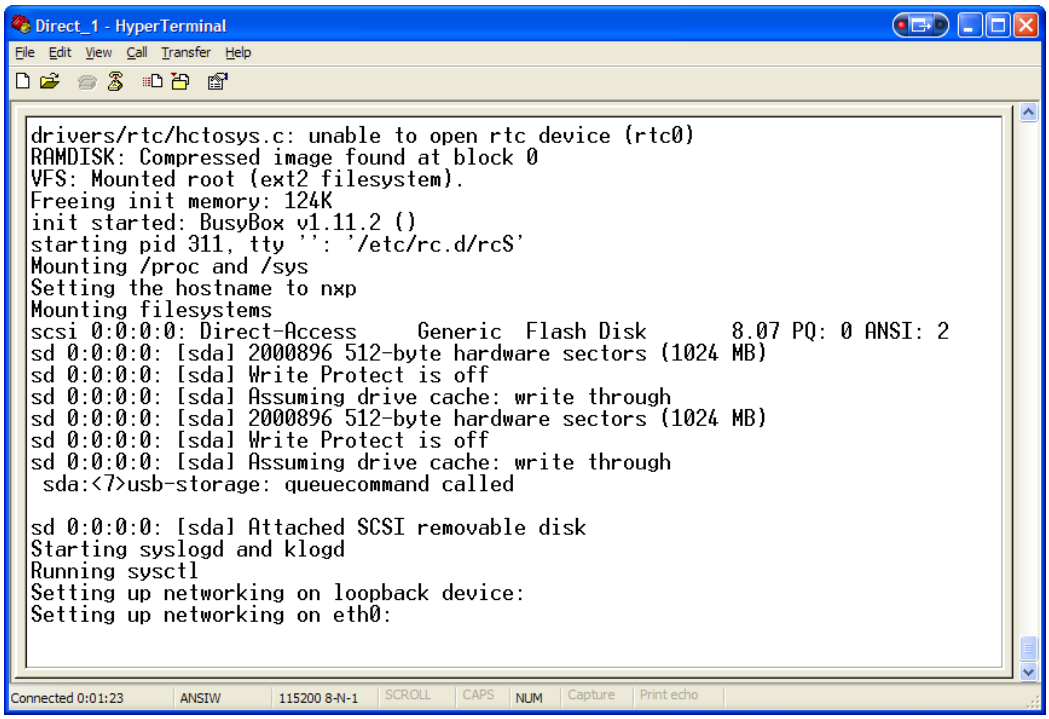
5. Connect the power supply – connect the 5V power supply to the DK-TS-KIT power connector (P5). The power supply MUST be a regulated 5VDC, 2.1mm, center positive power supply. The use of ANY other power supply may result in damage to the DK-TS-KIT and subsequently, void the warranty.




6. Boot up process should be displayed on the PC Serial Communications Window

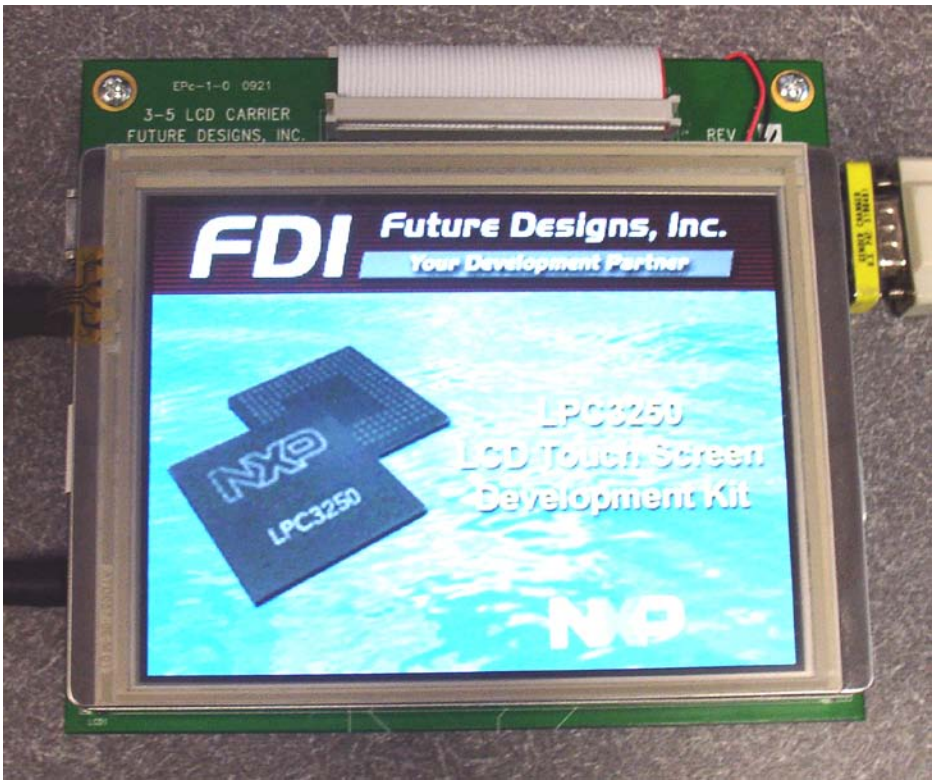


(initial bootup screen)

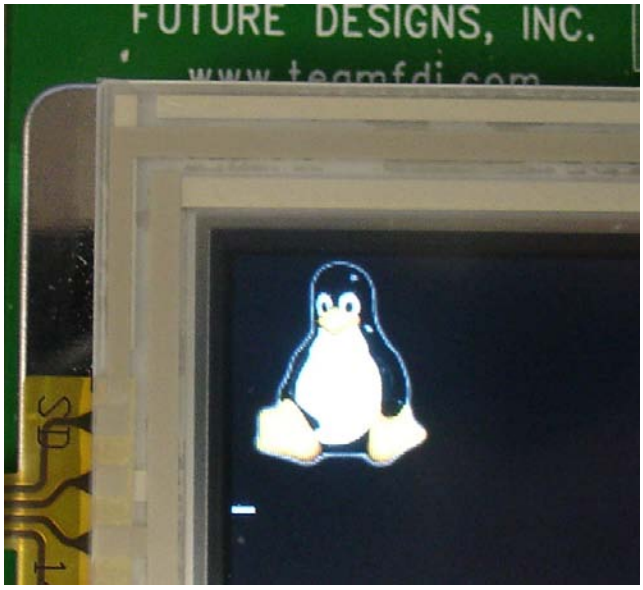



(Linux booting)

7. The following title screen should appear while booting:

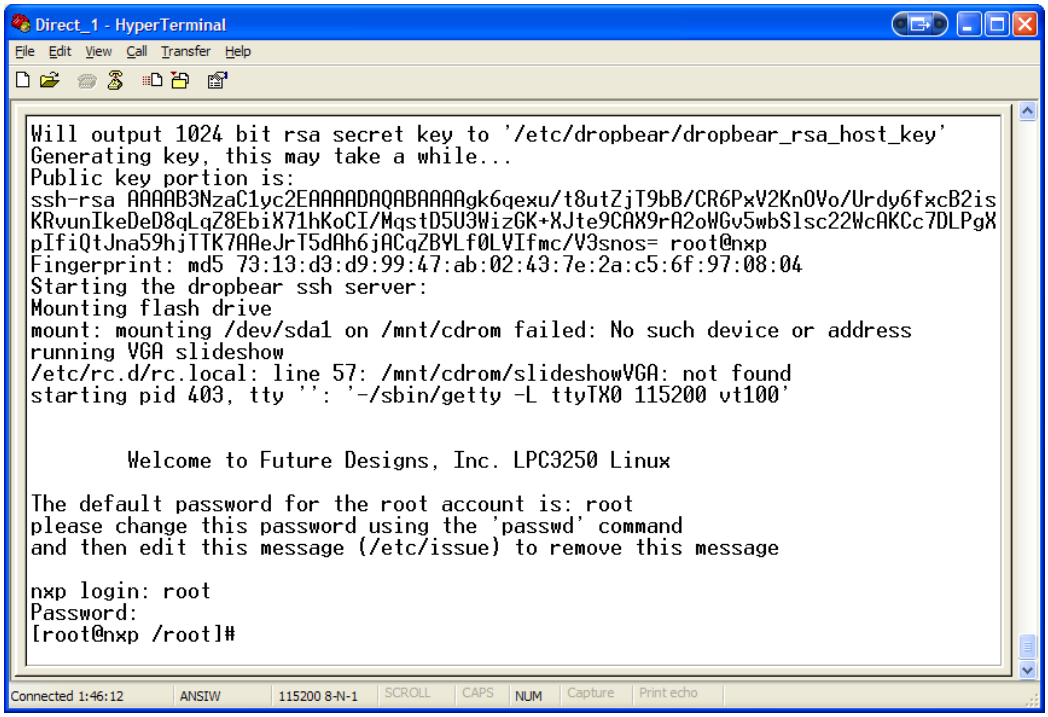


8. After about 1 minute, the screen will change and a picture of the Linux Tux logo will appear in the upper left:




9. The title screen will appear again briefly followed by the DK-TS-KIT Demonstration Application. Linux is now fully booted.

10. In addition to the demonstration application, you can log into the Linux console. Go back to the terminal screen and login with ‘root’ and password of ‘root’.



(Linux booted and logged in)