



# Quick Start Guide

## ColdFire® M5445EVB Board Connection/Setup

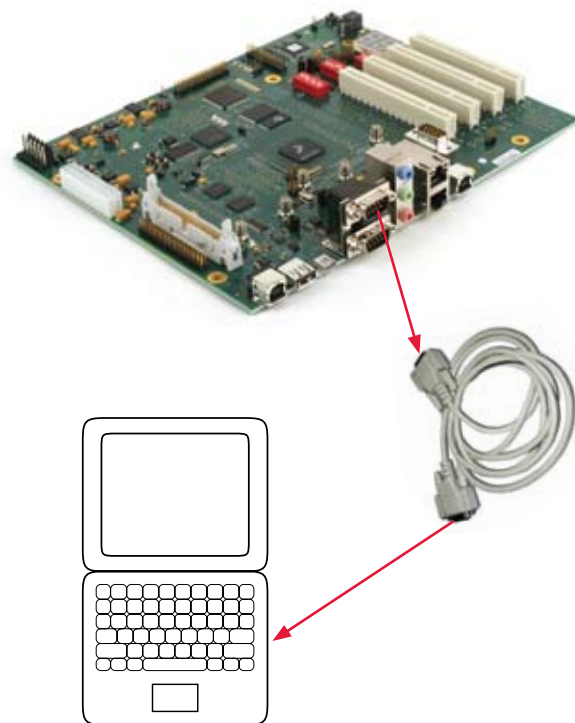
The M5445EVB comes pre-programmed with U-Boot and Linux preconfigured to run a demo application. This section describes how to setup the evaluation board to access the bootloader how to start Linux. The default communication interface with the M5445EVB is a simple serial port console. A terminal emulator on a host PC and the supplied serial cable is required to interact with the serial port.



**STEP 1** Plug in power cable

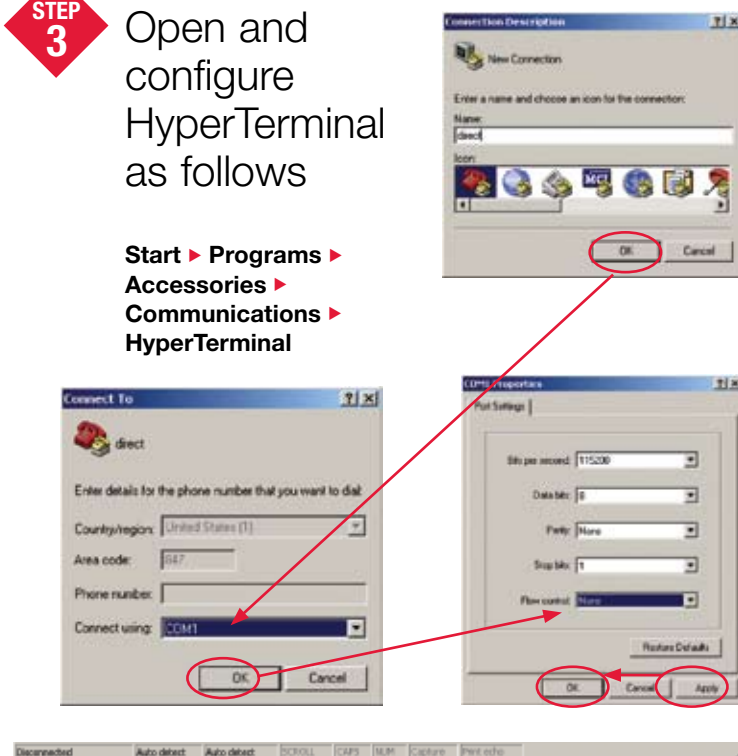


**STEP 2** Connect the DB9 connector to the board



**STEP 3** Open and configure HyperTerminal as follows

Start ▶ Programs ▶ Accessories ▶ Communications ▶ HyperTerminal



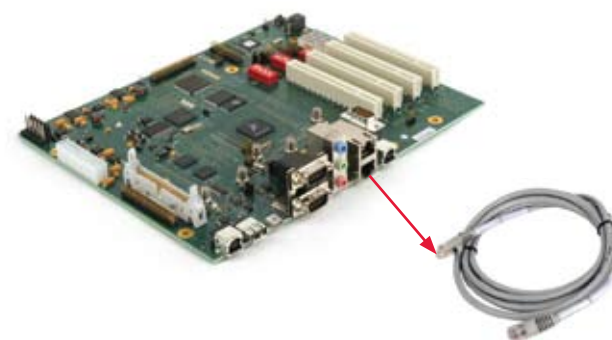
If HyperTerminal shows "Auto-detect" then it did not configure correctly. Select the phone icon to disconnect, then go to files ▶ properties in the HyperTerminal window, click on the configure button which will open a panel like the "COM1 Properties" above. Verify the configuration is as pictured above, then select OK. Then just hit enter in the HyperTerminal Window.

This is what the status bar under the HyperTerminal window should look like.

Parameter	Setting
Baud rate	115200 bps
Data bits	8
Parity	None
Stop bits	1
Flow control	None

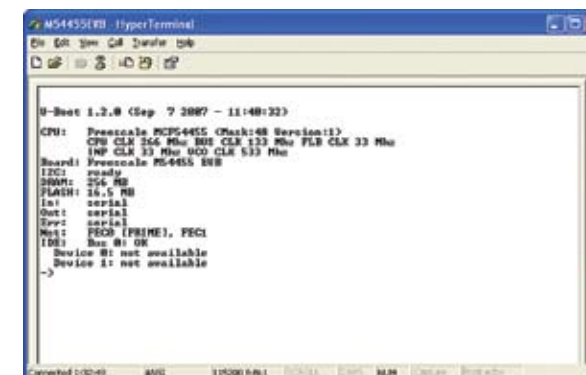
**STEP 4** Connect the Ethernet cable

Plug one end of the provided Ethernet cable into a network or host PC with a DHCP server running. Plug the other end of the cable into the FEC0 interface of the M5445EVB.



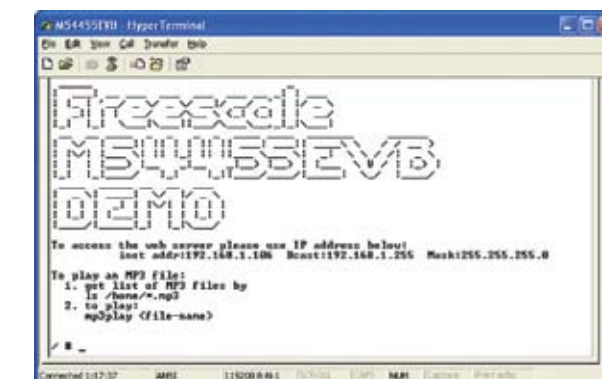
**STEP 5** Press power button on the front of the computer case, verify splash screen on HyperTerminal

The U-Boot banner (example below) should appear in the terminal window.



**STEP 6** To Boot Linux, issue the following U-Boot command

Type command -> bootm 0



**STEP 7** The M5445EVB will serve up a Web page with more information on the available demos

The demo application will print out a banner message to the serial terminal including the IP address that it obtained from the DHCP server. Launch a Web client (e.g. Firefox or Internet Explorer) and copy this IP address into the Web browser.



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