

DEMO9RS08LE4 QUICK START GUIDE

Introduction and Default Settings

This quick start guide will show how to connect the target board to a PC, install the correct version of CodeWarrior Development Studio, and execute a simple demonstration program loaded in FLASH memory. The default jumper settings for the DEMO9RS08LE4 are shown below

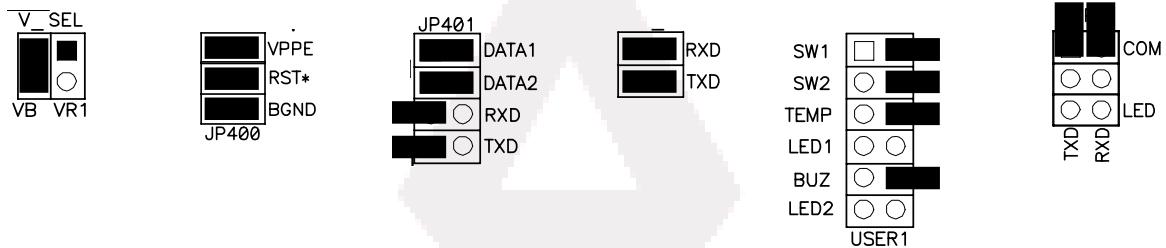


Figure 1: DEMO9RS08LE4 Default Settings

Install CodeWarrior Development Studio for or Microcontrollers Special Edition

The DEMO9RS08LE4 board ships with CodeWarrior Development Studio for Microcontrollers. CodeWarrior Development Studio for Microcontrollers is a complete Integrated Development Environment (IDE) that provides a highly visual and automated framework to accelerate the development of the most complex embedded applications. To install Refer to the "CodeWarrior Development Studio" DVD case and follow the steps in the included Quick Start Guide.

CodeWarrior Development Studios must be properly installed before attempting to connect the target board to the host PC. Otherwise, the necessary USB drivers will not be available and the host PC will not recognize the board.



To Launch the Demo Program:

The DEMO9RS08LE4 ships with a simple demonstration program preloaded into on-chip FLASH memory. The demo application displays scrolling text on the LCD panel.

1. Verify the option jumpers are set in default positions. Refer to Figure 1 above.
2. Connect the included A/B USB cable between an open USB port on the host PC and the USB connector on the target board. Follow the on-screen instructions to install the necessary USB drivers.
3. On the LCD panel, the Freescale logo is illuminated. Text also scrolls across the LCD panel. NOTE: the LCD panel display is best viewed from the 6 o'clock position.

The Quick Start CodeWarrior Project may be downloaded from the Axiom Manufacturing web site at www.axman.com.

Troubleshooting

If the demonstration application fails to function as indicated above, please follow the steps below before contacting Freescale Semiconductors. Please refer to the TIC card included in the DEMO9RS08LE4 kit for contact information.

- Ensure the option jumpers are set to default positions. Refer to Figure 1 above. Specifically, ensure the V_SEL option jumper is set correctly.
- Ensure the correct version of CodeWarrior is installed and all that the LE4 Service Packs is installed
- If all elements of the LCD module fail to illuminate, ensure that option jumpers are set to default. User peripherals will cause excessive loading of the LCD signal if connected.

If the above Troubleshooting Tips fail to correct the problem, please contact Freescale Semiconductors for further assistance. Please refer to the Technical Information Card (TIC) included in the kit. Assistance may also be found by contacting Axiom Manufacturing at support@axman.com.

