

DEMO9S08SE8 QUICK START GUIDE

Introduction and Default Settings

This quick start guide will show how to connect the target board to a host 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 DEMO9S08SE8 are shown below

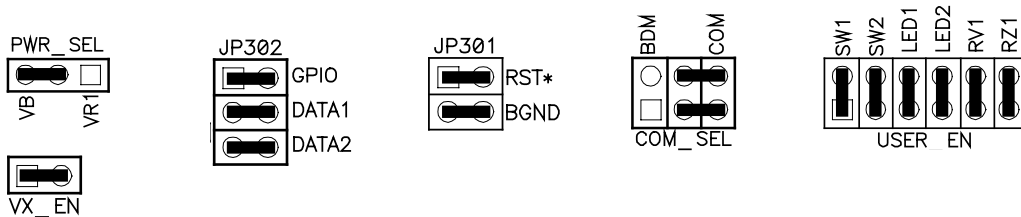


Figure 1: DEMO9S08SE8 Default Settings

Install CodeWarrior Development Studio for or Microcontrollers, Special Edition

The DEMO9S08SE8 board ships with CodeWarrior Development Studio for Microcontrollers, 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 the IDE, refer to the "CodeWarrior Development Studio" DVD case and follow the steps in the included Quick Start Guide.

CodeWarrior Development Studios for Microcontrollers 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 DEMO9S08SE8 ships with a simple demonstration program preloaded into on-chip FLASH memory. The demo application uses 2 timer channels to flash both LEDs.

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. Notice LED1 and LED2 begin to blink in an alternating pattern. This pattern repeats until power is removed.

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



Troubleshooting

If the demonstration application fails to function as indicated above, please follow the steps below before contacting Freescale Semiconductors. Please refer to the Technical Information Card (TIC) card included in the DEMO9S08SE8 kit for contact information.

- Ensure that all option jumpers are set to their default positions. Refer to Figure 1 above. Specifically, ensure the PWR_SEL option jumper is set correctly.
- Ensure the correct version of CodeWarrior is installed and that the SE4 Service Pack is installed

If the above Troubleshooting tips fail to correct the problem, please contact Freescale Semiconductors for further assistance. Refer to the included in the kit for contact information. Assistance may also be found by contacting Axiom Manufacturing directly at support@axman.com.

