DEMOAC 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 demonstration program loaded in FLASH memory. The default jumper settings for the DEMOAC are shown below
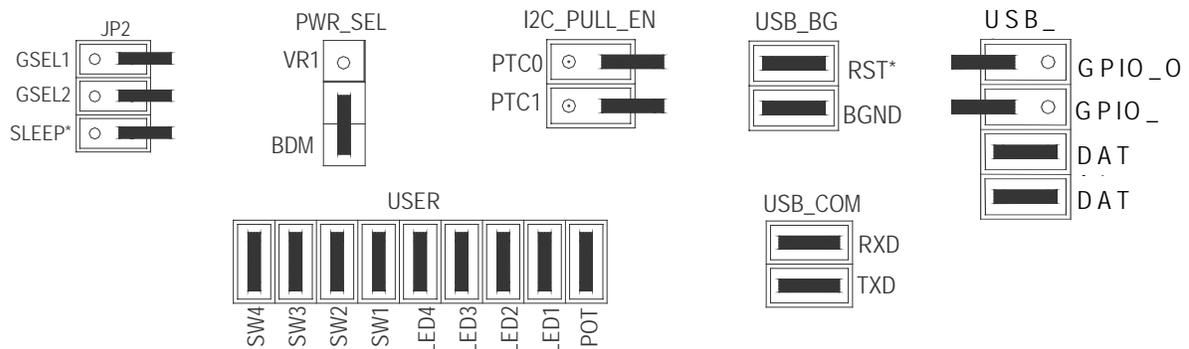
Figure 1: DEMOAC Default Settings

Install CodeWarrior Development Studio for Microcontrollers Special Edition

To install CodeWarrior Development Studio for Microcontrollers, V6.0 or later. 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 DEMOAC ships with a simple demonstration program preloaded into on-chip FLASH memory. The demo application uses the POT and push-button switches to control the 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.

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Web Site: www.axman.com

Support: support@axman.com

3. Rotate the POT fully clockwise to light each LED in turn. Rotate the POT fully counter-clockwise to reverse the LED pattern.
4. Press each push-button switch in turn. Pressing a push-button switch causes the associated LED to flash

The CodeWarrior Project is available on the Getting Started DVD included with the target board. This program may also be downloaded from the Axiom Manufacturing web site at www.axman.com/support.

To access the CodeWarrior project on the Axiom Manufacturing web site, simply select the Support link at the top of the page. Then navigate to Flexis | DEMOAC.

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 DEMOAC kit for contact information.

- If the simulator software requires a device power cycle during FLASH programming, ensure the board is powered externally and the PWR_SEL option header is set to VR1.

- Ensure the correct version of CodeWarrior and all that available Service Packs are installed

- Ensure the JUNGO drivers are loaded in the Windows Device Manager. Select the System icon from the Control Panel. Then select Hardware tab in the System Properties window. On the Hardware tab, select the Device Manager button.

- Ensure the option jumpers are set to default positions. Refer to Figure 1 above.

- Verify the +5V voltage indicators are ON.

- Verify input power is connected. Using a multi-meter, measure at least +7V at input power.

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. Users may also contact Axiom Manufacturing at support@axman.com for additional support.