

# DEMOACEX QUICK START GUIDE

## Introduction and Default Settings

The DEMOACEX is a peripheral board designed for use with the DEMOAC aboard. The DEMOACEX highlights the MC33794 E-Field Sensor. Touch-pads of various configurations provide sensor input. Refer to the DEMOAC Quick Start Guide to install CodeWarrior Development Studio and to setup and configure the DEMOAC Board.

The default jumper settings for the DEMOACEX are shown below

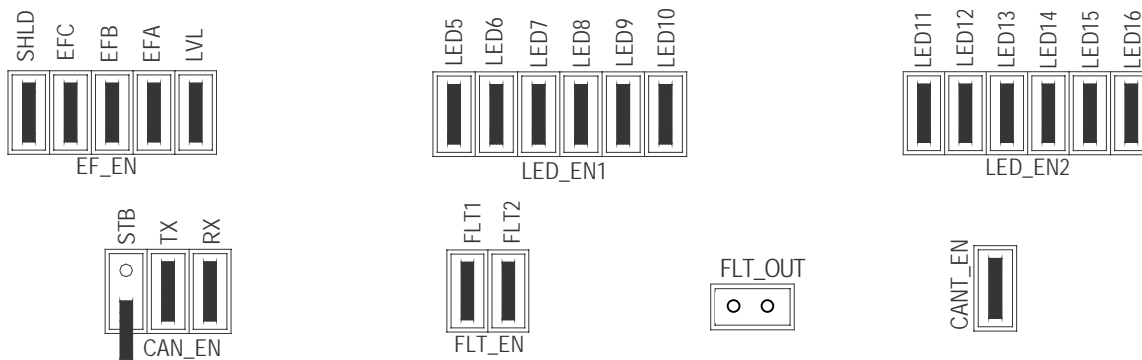



Figure 1: DEMOACEX Default Settings

## To Use the DEMOACEX Demo Program:



The DEMOACEX demonstration program executes on DEMOAC board with the DCF51AC256 module installed. To run this demo, the user will have to load the program using CodeWarrior Development Studio. The demo application can be found on the DVD provided with the DEMOAC. The demo application may also be downloaded from the Axiom Manufacturing web site at [www.axman.com/support](http://www.axman.com/support)

1. To run the e-field demo application, ensure that CodeWarrior is installed and that the DEMOAC is configured properly. Refer to the DEMOAC Quick Start Guide for details on installing CodeWarrior and configuring the DEMOAC.
2. Ensure the DEMOACEX is securely connected to the DEMOAC board and is configured for default operation. Refer to Figure 1 above.
3. Open CodeWarrior and load the demo application project file x441\_FT\_51AC256.mcp. Click the DEBUG  button to build and load the application.



Web Site: [www.axman.com](http://www.axman.com)

Support: [support@axman.com](mailto:support@axman.com)

4. At the Connection Manager window, click on the target and load the demo code.  button to connect to the target.
5. In the True-Time Simulator, click the RUN  button to execute the demo program.
6. Touch each of the e-field touch pads and notice 1 or more LED's light.

## 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 DEMOACEX kit for contact information.

- Ensure the correct version of CodeWarrior and all that available Service Packs are installed
- Ensure the DEMOACEX is properly configured; refer to Figure 1 above.
- Ensure the DEMOAC is properly configured; refer to the DEMOAC Quick Start Guide for details.
- Ensure the DEMOAC board PWRSW is set to the ON position.
- Ensure the LAMP LED is ON.
- Ensure option jumpers are set to default positions. Refer to Figure 1 above.
- Verify the +5V voltage indicator on the DEMOAC is ON.

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 Ax-  
iom Manufacturing at [support@axman.com](mailto:support@axman.com) for additional support.

