

AFE4300EVM-PDK Firmware Update Procedure

MBU – Health and Fitness Products

Applications

August 2012

IMPORTANT NOTICE



Texas Instruments (TI) reserves the right to make changes to its products or to discontinue any semiconductor product or service without notice, and advises its customers to obtain the latest version of relevant information to verify, before placing orders, that the information being relied on is current.

AFE4300EVM–PDK Firmware Update Procedure

PURPOSE

The purpose of the document is to provide detailed instructions for updating the firmware of AFE4300EVM-PDK boards.

INSTALLING THE LATEST FIRMWARE ONTO THE MMB3 BOARD

- a. Unzip the test program file to a directory and Click on MMB3_Program.exe under the EXE directory.
- b. Load the latest firmware (AFE4300EVM.a43) in the path box provided.
- c. Connect one end of the USB cable to PC and the other end to J1 connector of MMB3 board.
- d. Slide switch SW4 to ON (BSL) position.
- e. Click on Run .
- f. The firmware will be loaded onto the flash of the MCU.
- g. An error message will be displayed if the switch SW4 is not in the correct position. Click ok in the error pop up message and repeat from step d.
- h. The progress bar will indicate the status of the load and once the load is complete, Programming complete will be indicated in the status message.
- i. Slide the switch SW4 back to OFF position and click on reset located on the right bottom corner of the board near the JTAG connector.
- j. If the firmware is loaded correctly, the LCD will marquee the text AFE4300EVM (c) TI.
- k. Disconnect the USB cable.
- l. Click on Abort Execution  and *File* → *Exit* to close the software.