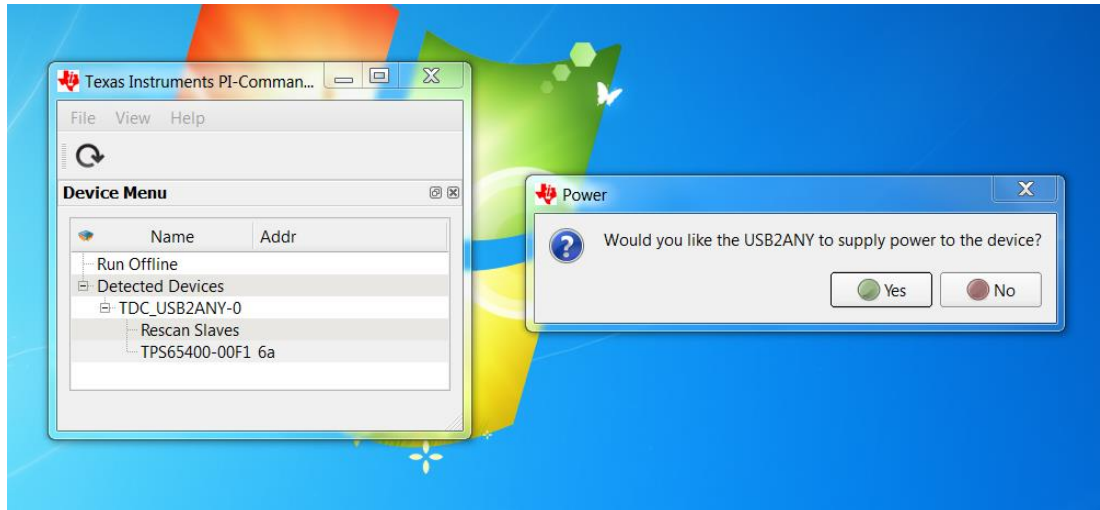


## Directions for Programming with USB2ANY socket board guidelines

1. Install the EVM GUI [PI-Commander-PMU EVM GUI](#) .
2. Connect the board as shown. In+ should be connected to 5V.

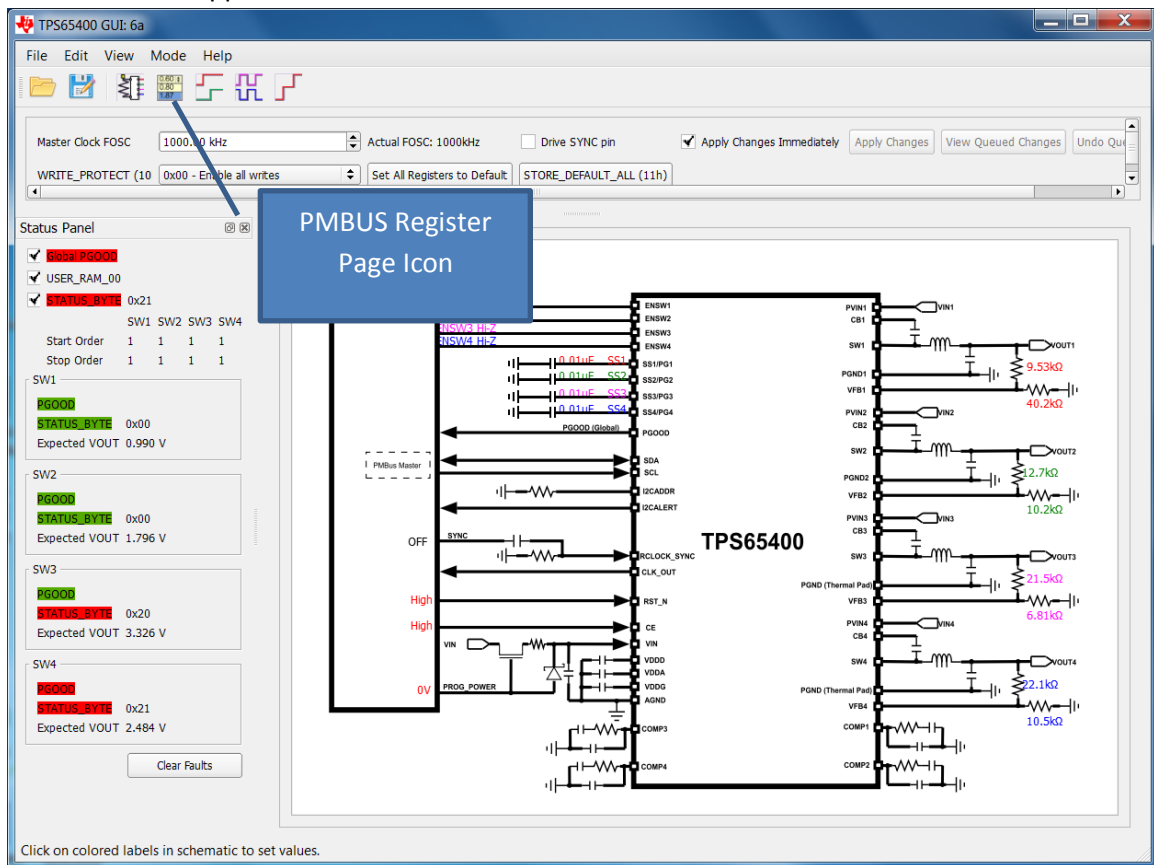


3. Connect the USB2ANY to the board (only the 10 pin connector in the middle is needed) and to your PCB.
4. Load the TPS65400 device into socket.
5. Turn on +5V power
6. Start the GUI.

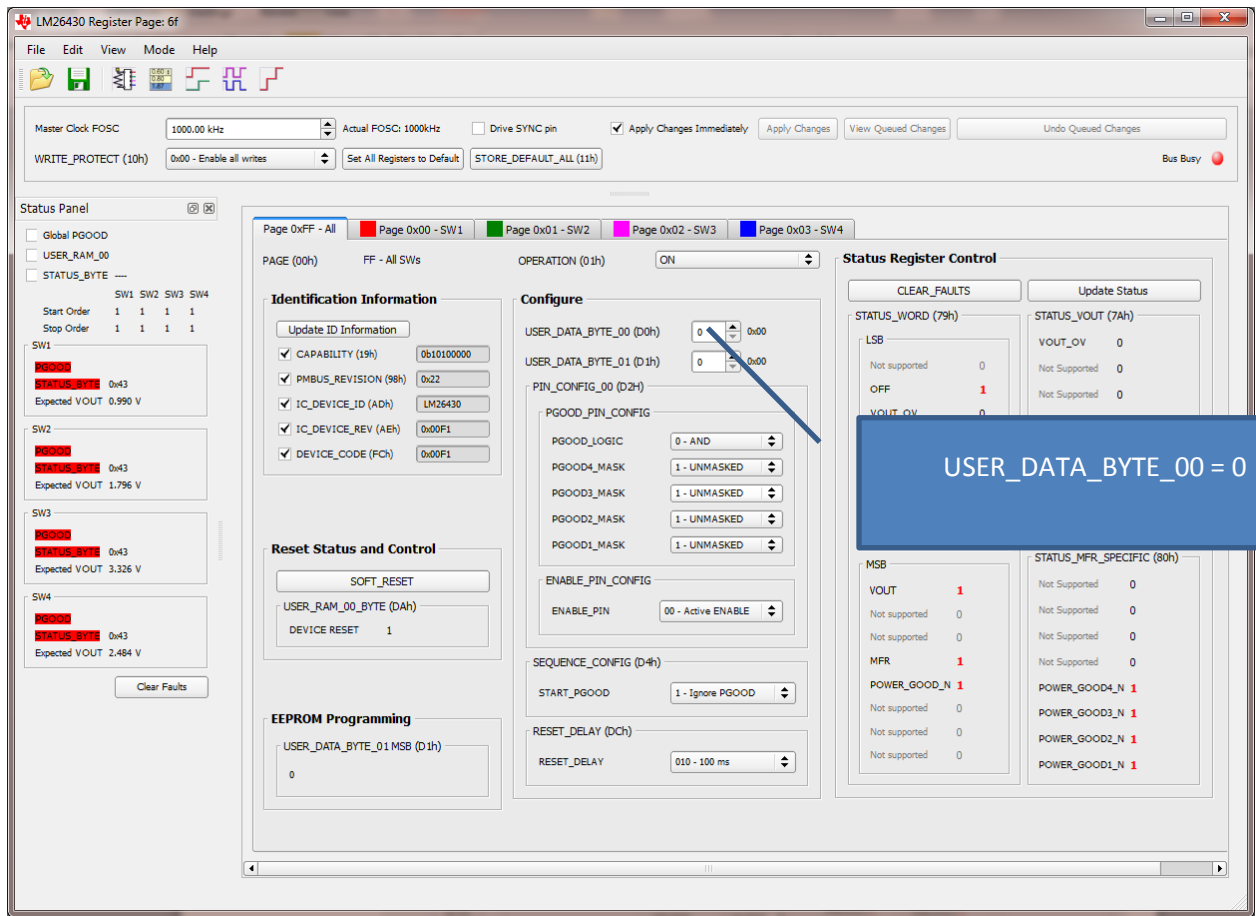


A small window will appear. Select the “TPS65400-00F1-6a” in the window.  
 It will then ask “Would you like the USB2ANY to supply power to the device?” Select “No”.  
 (It does not matter whether or not you pick Yes or No b/c the power lines from the USB2ANY are not connected on this programmer board).

7. This screen will appear

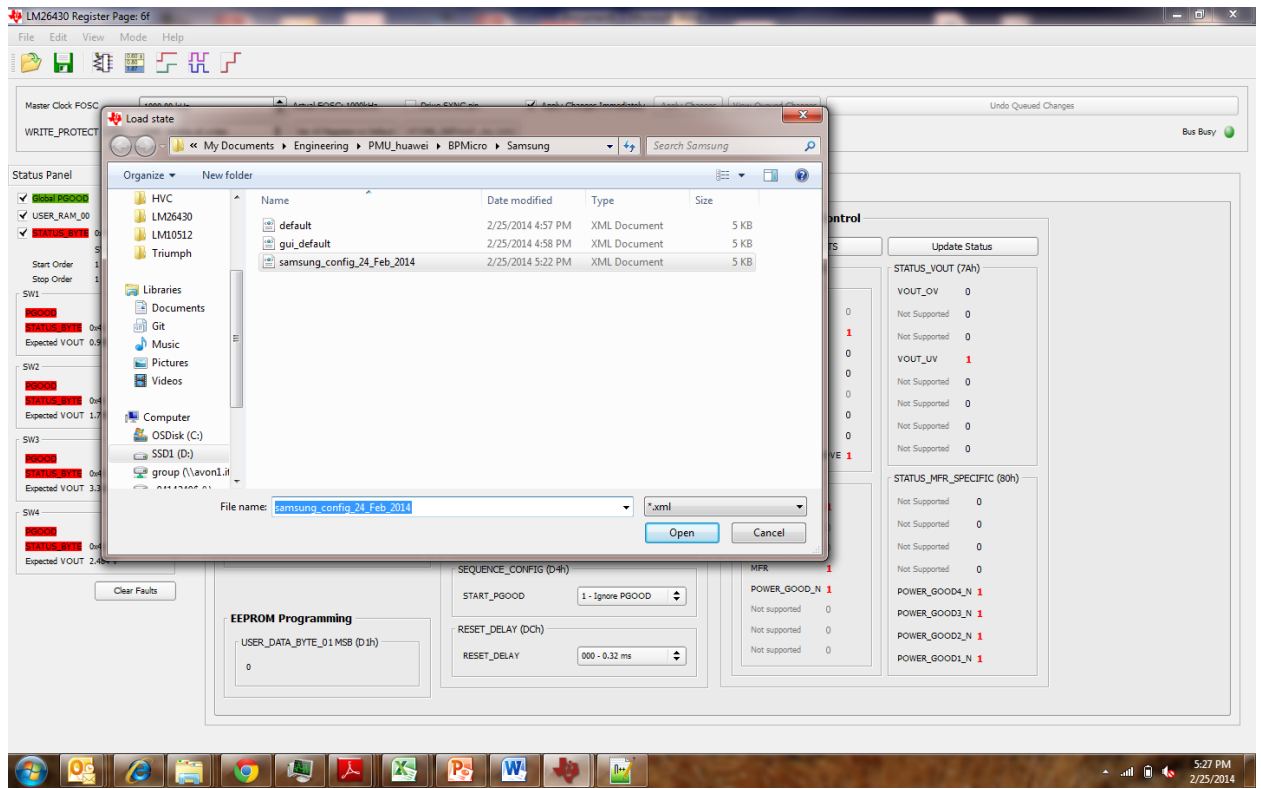


8. Click on the Register page Icon to go to this page. For a default configured device, USER\_DATA\_BYTE D0h will read “0”.

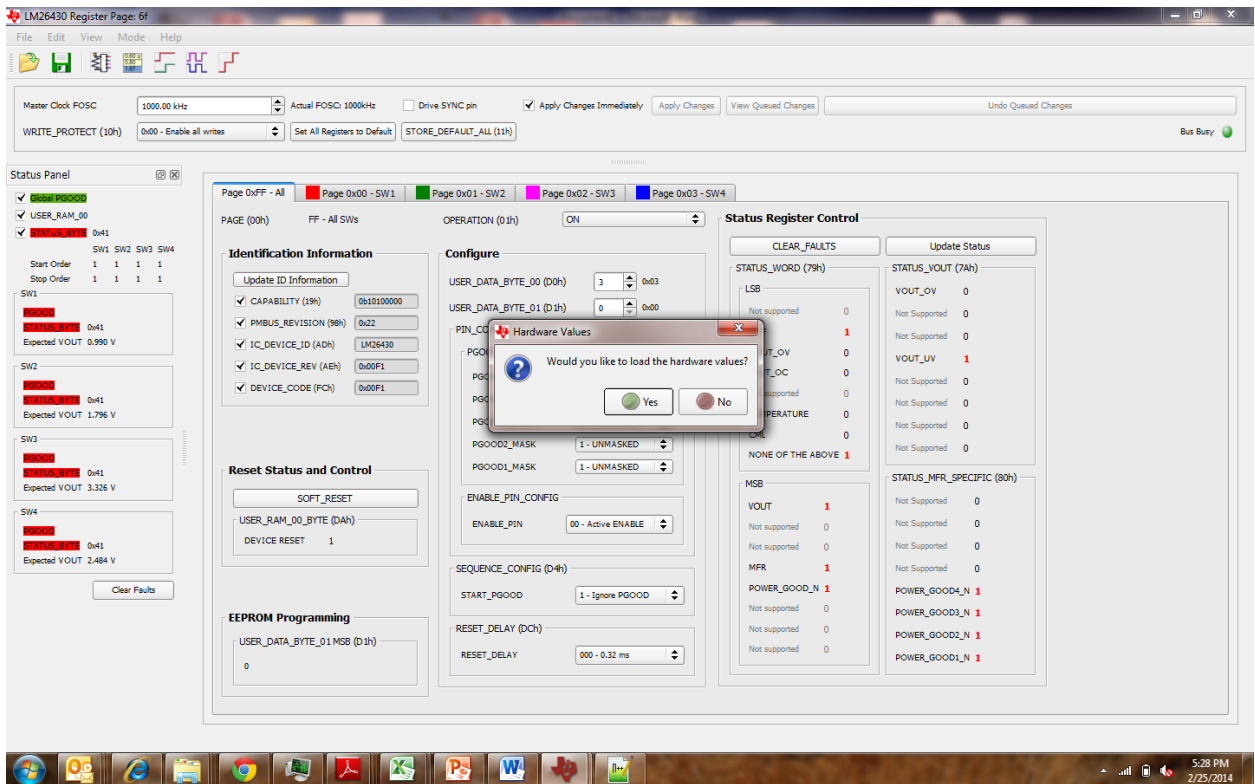


9. Change settings according to your own application. A data for USER\_DATA\_BYTE\_00 can be used as application marking. For example, change it to 3. And select “File -> save”. Save file with xml format. For example, application1\_20140224.xml.

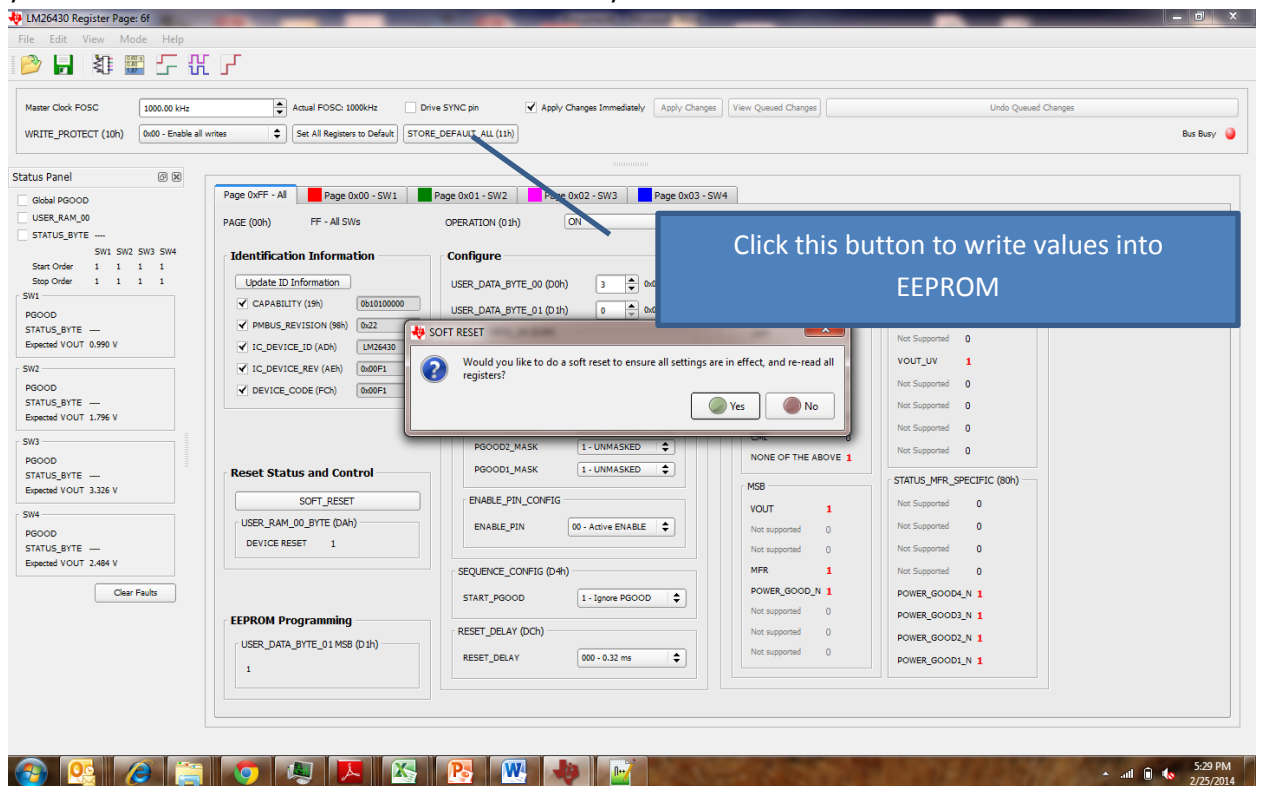
10. Now go to the menu and select “File -> Open” and open the “application1\_20140224.xml” file.



11. It will ask “Would you like to load the hardware values?” Click yes. (This only affects some of the values shown in the GUI, and does not affect the EEPROM configuration of the part). Now all the register values are loaded into the volatile memory of the TPS65400



12. Now Click the Store\_Default\_All button to write values into EEPROM. It will now ask “Would you like to do a soft reset to ensure that all.... “. Say “Yes”



13. All values are now written into the EEPROM. Verify that the USER\_DATA\_BYTE now reads “3”

14. Open the socket and replace the device with the next one
15. Click the "soft\_reset" button to update refresh interface. If a new part has been put in, the USER\_DATA\_BYTE\_00 should now read "0"
16. Now repeat starting from Step 10 for the next chip (need to re-open file and then click STORE\_DEFAULT\_ALL).