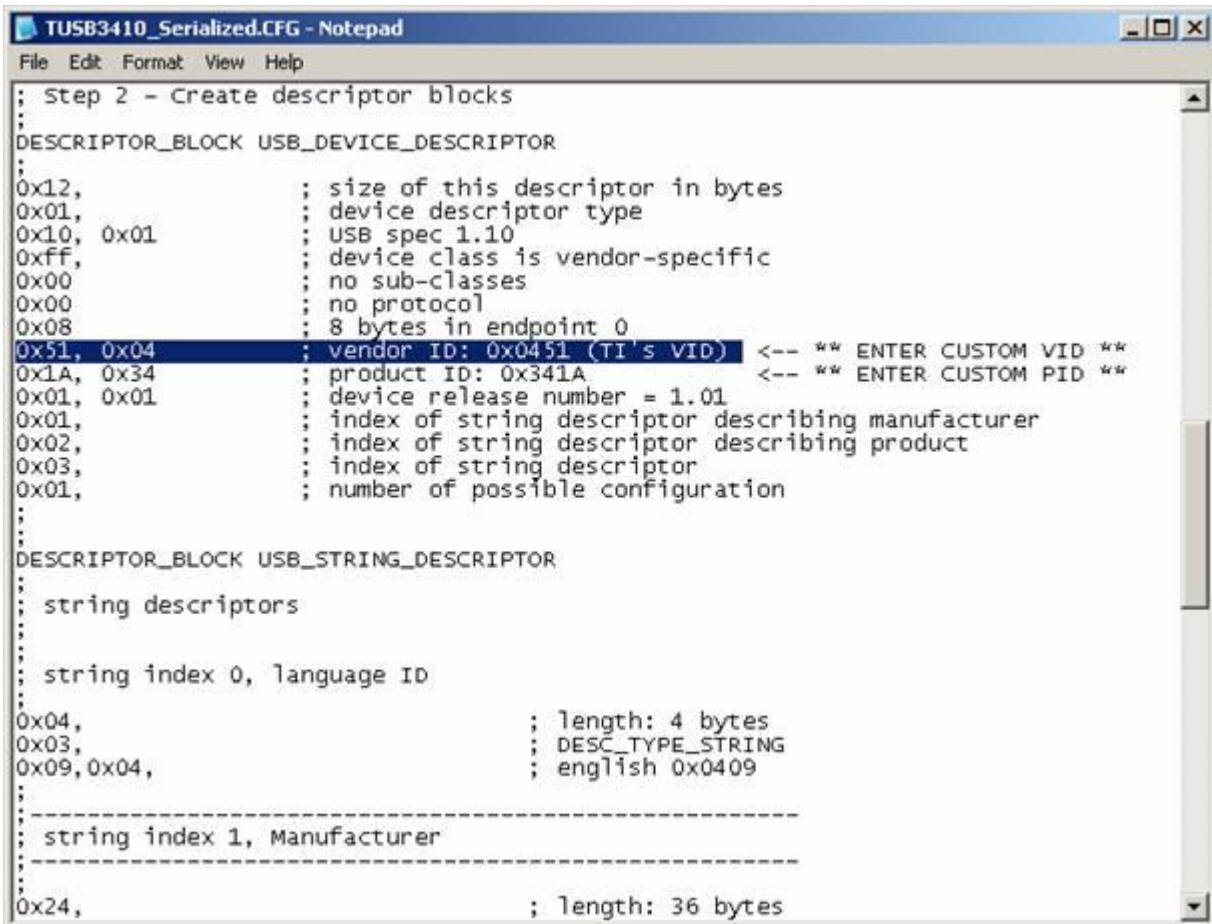Please perform the following steps (must be followed in this order):

1. Install the EEPROM burner app on a test PC.

2. Install the Header Generator utility on the same PC.

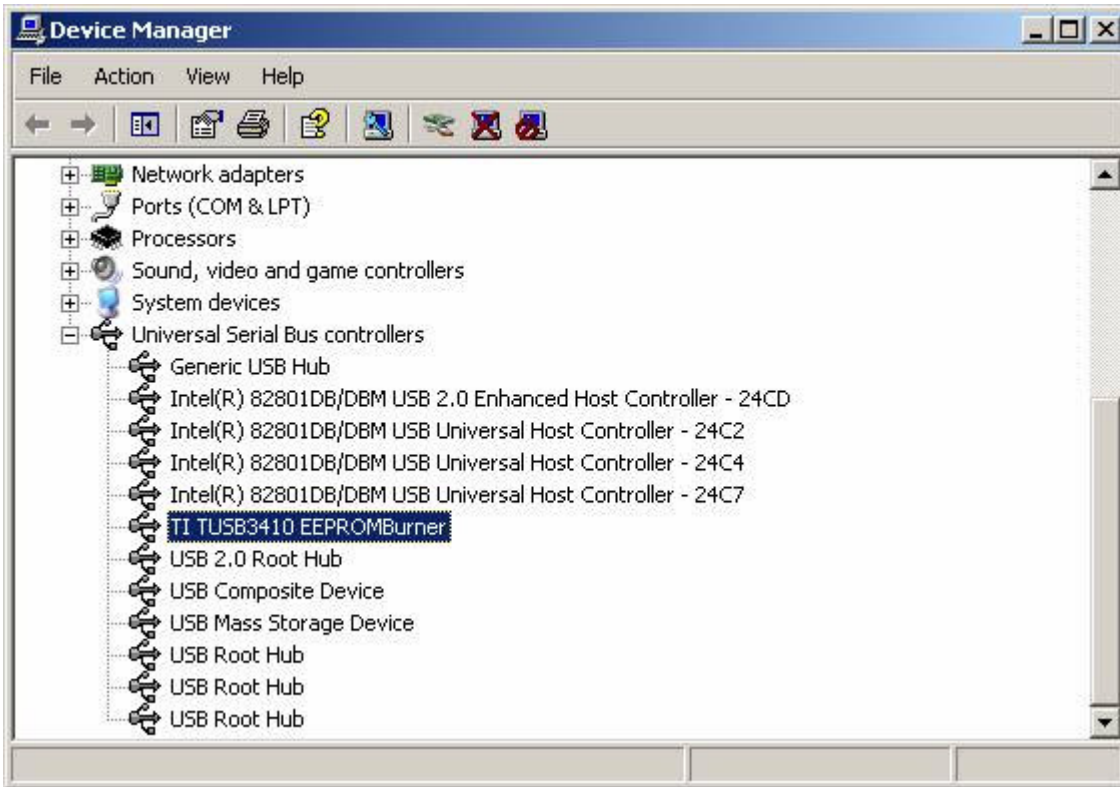3. Select any desired .CFG file and customize (you can edit the .CFG on any text editor).

```
TUSB3410_Serialized.CFG - Notepad                                    _ □ ×
File  Edit  Format  View  Help
; Step 2 - Create descriptor blocks
;
DESCRIPTOR_BLOCK USB_DEVICE_DESCRIPTOR
;
0x12,              ; size of this descriptor in bytes
0x01,              ; device descriptor type
0x10, 0x01         ; USB spec 1.10
0xff,              ; device class is vendor-specific
0x00               ; no sub-classes
0x00               ; no protocol
0x08               ; 8 bytes in endpoint 0
0x51, 0x04         ; vendor ID: 0x0451 (TI's VID)  <-- ** ENTER CUSTOM VID **
0x1A, 0x34         ; product ID: 0x341A            <-- ** ENTER CUSTOM PID **
0x01, 0x01         ; device release number = 1.01
0x01,              ; index of string descriptor describing manufacturer
0x02,              ; index of string descriptor describing product
0x03,              ; index of string descriptor
0x01,              ; number of possible configuration
;
;
DESCRIPTOR_BLOCK USB_STRING_DESCRIPTOR
;
; string descriptors
;
;
; string index 0, language ID
;
0x04,                          ; length: 4 bytes
0x03,                          ; DESC_TYPE_STRING
0x09,0x04,                     ; english 0x0409
;
; ------------------------------------------------
; string index 1, Manufacturer
; ------------------------------------------------
;
0x24,                          ; length: 36 bytes
```

4. Copy the .CFG file inside the Header Gen utility and then generate the .BIN file using the "GOBIN xxxxx" command, where xxxxx is the name of the .CFG file. (Here you should first open a command prompt window, and go to the proper directory where the Header Gen utility is located...).

```
C:\WINDOWS\system32\cmd.exe                                          _ □ X
24/01/2008  03:49 p.m.              5,302 TUSB3410_Serialized.CFG
06/03/2007  11:00 a.m.     <DIR>          TUSB6250 HeadGen
03/04/2008  10:28 a.m.             14,336 umpe3410.i51
08/04/2005  10:36 a.m.              5,338 VCP-3410-FW_Download-EEPROM_serialized.
CFG
11/12/2007  03:41 p.m.             14,491 VCP-3410-FW_in_EEPROM.bin
11/12/2007  03:37 p.m.              5,675 VCP-3410-FW_in_EEPROM.CFG
13/12/2007  01:06 p.m.             14,358 VCP-5052-DesAndFw.bin
07/07/2004  11:37 p.m.              3,180 VCP-5052-DesAndFw.CFG
07/07/2004  11:33 p.m.              3,183 VCP-5052-DesOnly.CFG
08/01/2008  01:19 p.m.                131 VID5678PID1234_Serialized.bin
08/01/2008  01:18 p.m.              5,294 VID5678PID1234_Serialized.CFG
27/02/2008  10:37 a.m.                131 Zigbee.bin
27/02/2008  10:37 a.m.              5,302 Zigbee.CFG
              64 File(s)        436,442 bytes
               3 Dir(s)   2,041,634,816 bytes free

C:\HeadGen>GOBIN TUSB3410_Serialized_
```
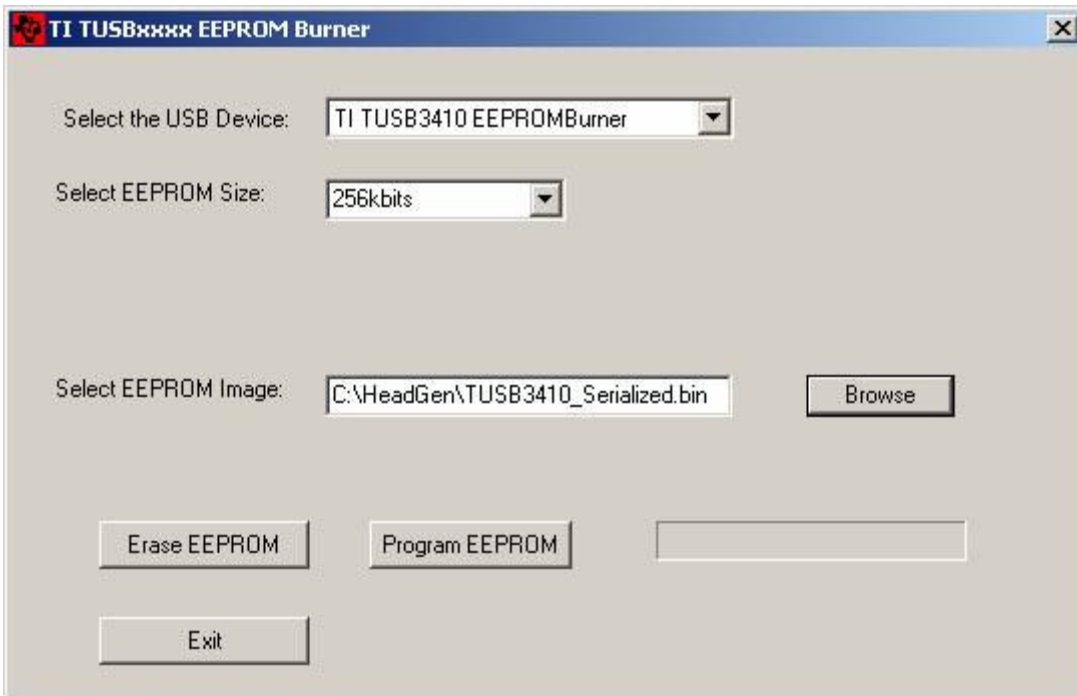
5. Grab the TUSB3410 UART EVM board and remove the SCL ISOLATE jumper (JP2).
6. Connect a USB wire the P1 connector, and plug the EVM on the same PC that
has the EEPROM burner app installed.

7. A new hardware wizard will show up, just let it install the EEPROM
burner's driver automatically (click on yes and/or continue anyway on each
install wizard's window).

8. The EVM should appear as installed (TI TUSB3410 EEPROMBurner) under the
"Universal Serial Bus controllers" category in the Device Manager.

9. Place the SCL ISOLATE jumper (JP2) on its position and open the EEPROM Burner app.

10. Select the proper settings:
– USB Device → TI T USB3410 EEPROMBurner.
– EEPROM size → 256kbits (this will depend for each EEPROM device that it's being used)
– EEPROM Image → *Select your BIN file.

11. Click on the "Program EEPROM" button, and wait until the app ends programming the EMV's EEPROM.

12. Unplug the TUSB3410 UART EVM.

13. Now the EEPROM has been burner with your desired descriptors (VID, PID, serial number, etc...).

14. You will need to customize the INF file inside the TUSB3410 driver's folder in order to get your TUSB3410 interface properly detected with your descriptors (by default, TI's UART driver only gets installed with VID=0451 and PID=3410 or 341A).

15. If you want to re-burn your EEPROM or even a new one, please repeat steps 3-12.