

Forcing a USB hub into Programming Mode

Step 1: Select the USB 2.0 portion of the TUSB8044A hub – it will be the Generic USB hub listed next to the Generic SuperSpeed USB Hub if you set Device Manager to view “Devices By Connection” mode. You can also right click and check the Hardware Ids under Properties, it should be VID_0451&PID_8442. I may have a slightly different version of the silicon, so the PID may be a little different.

Step 2: Once you have the correct Generic USB hub, right click and select “Update Driver Software”, then “Browse my computer for driver software”, then “Let me pick from a list of device drivers on my computer”, and then “Have disk”.

Step 3: When the Install from Disk window pops up, navigate to the TUSB80xx EEPROM Programmer directory (should be under c: Program Files (x86)> Texas Instruments Inc) and select the “TUSB8040.inf” file and open it. Ignore all the warnings and allow the driver to load

Step 4: Open the programming tool.

Step 5: You will need to reload the original Generic USB Hub driver after reprogramming the EEPROM