TUSB3410 PDK FAQ

This FAQ applies to both TUSB3410GPIO and TUSB3410UART PDKs.

1. Any USB project that is to be USB-certified must have a unique Vendor Identification (VID) and Product Identification (PID) combination. The TUSB3410 boots with the Texas Instruments' VID and PID by default. This happens because upon power up, the embedded 8052 is loaded with "bootcode" from ROM, which then looks for application code on the I2C EEPROM. If nothing is found on I2C, the TUSB3410 will then look on the USB host for FW to download. If two or more different products are developed with TUSB3410 and no EEPROM that lists at least a unique VID/PID (if not complete FW as well), then conflicts would likely occur when two TUSB3410-based devices enumerated without first establishing a unique VID/PID from EEPROM. Windows would not be able to establish the correct driver to load if a conflict occurred. In any case, a VID must be established in order for the device to ennumerate as other than a TI device, and for USB certification. Go to www.usb.org to understand how to obtain a vendor ID.

2. Notes for the TUSB3410GPIO: Sample code is to be used with the Windows HID class Keyboard driver. No drivers are supplied by TI.

3. Notes for the TUSB3410UART: The provided driver will not support a legacy serial mouse. Known conditions exist with 133 MHz Pentium and double processor machines and are not recommended or supported.

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