Partner-site OQC : Final FW Flashing + VID/PID + Gear ID
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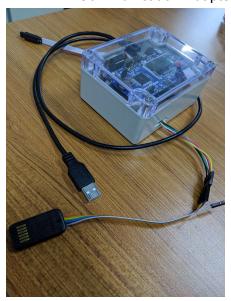
Scope of Document:

This document outlines the tools and scripts needed to use a FIT communication adapter to verify VID/PID, flash in Gear ID, and flash in final product FW.

Tools needed:

- FIT Communication Adapter for Interposer

- Script: ...\Test_Scripts-2019-03-01\tools\station_5_FINAL_no_LED_flashing_only.bat

Interposer requirement:
- Must have Manufacturing FW on the Interposer.

How to run script:

1. station_5_FINAL_no_LED_flashing_only.bat "*Serial (COM) Port*" "*Serial Number*"
    a. *E.g.* station_5_FINAL_no_LED_flashing_only.bat "" 9302FXKBL00011
        ("" lets the script connect to a default COM port)\
            or
    b. *E.g.* station_5_FINAL_no_LED_flashing_only.bat COM3 9302FXKBL00011

2. In the middle of the script it will prompt you to enter GEAR ID: "Enter Gear ID"
Enter a 10 digit number into the cmd. At the Levi's factory, the operator will take a QR code scanner and scan in a 10 digit number from the actual jacket into the script e.g.

28660L2246
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Line# 1   Qty: 10

3. At the end of the script, it will prompt the operator to disconnect and reconnect the USB to reset the FIT box and Interposer DUT. I recommend setting up the computer with a USB cable or a USB hub that has a power switch, and ask the operator to toggle it: e.g.

4. After the USB is reset, hit enter and the script should finish running.

Appendix - Flashing Manufacturing FW back in for experimenting

For experimentation purposes of testing the "station_5_FINAL_no_LED_flashing_only.bat" script repeatedly, you must put the manufacturing firmware back into the Interposer before running the station 5 script again.

Follow the script below:

Using the MiniProg3   ,
disconnect the FIT adapter box

Run this script: SN_Btldr_FW_reload-miniProg.bat "" "*Serial Number*"

Or

Use the FIT adapter box:

Run Mfg_FW_Reload.bat "" "*Serial Number*"