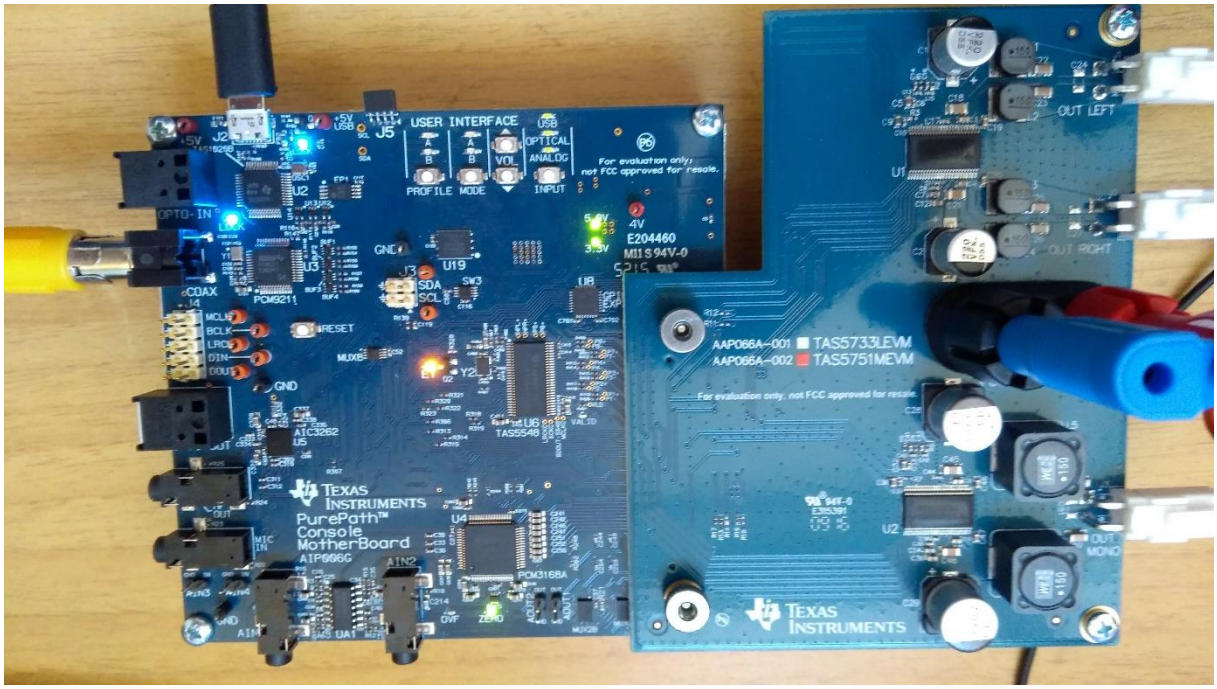
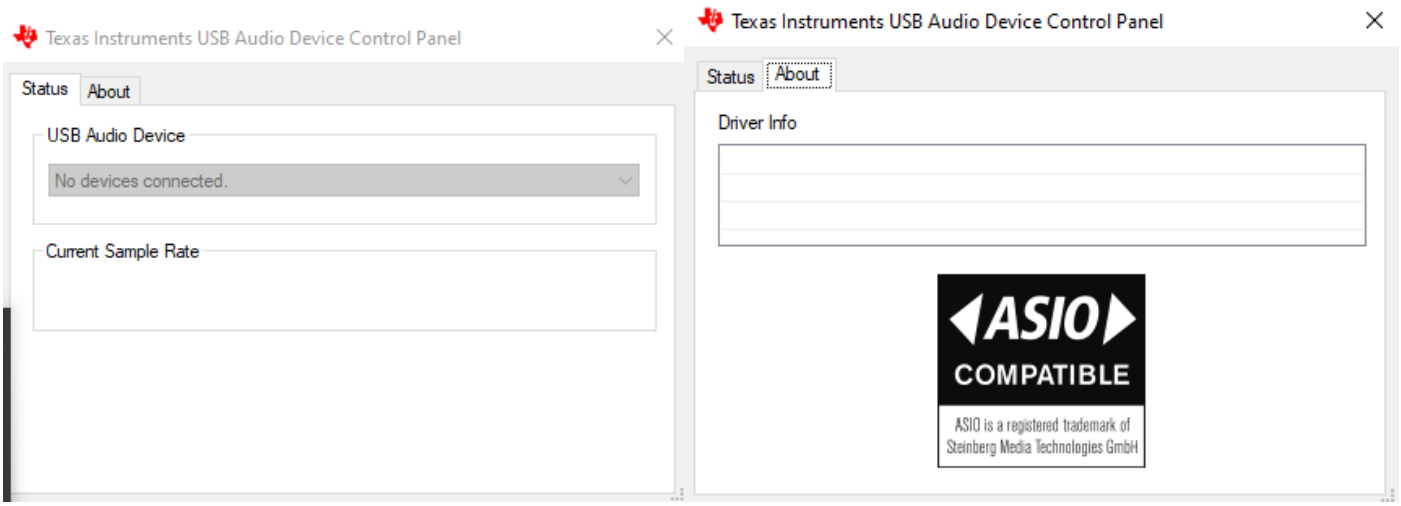
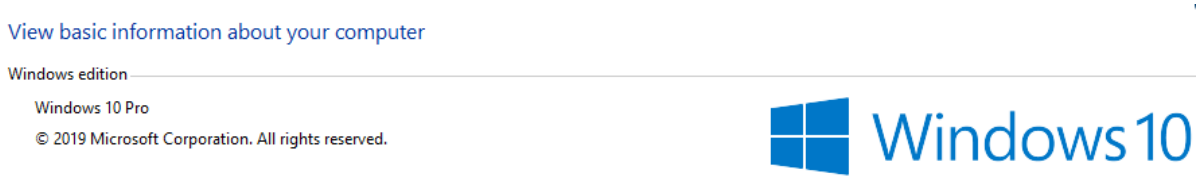


The boards are supplied with 24Vdc, USB to PC, coax SPDIF. User interface LEDs are not lit, the buttons are not working.

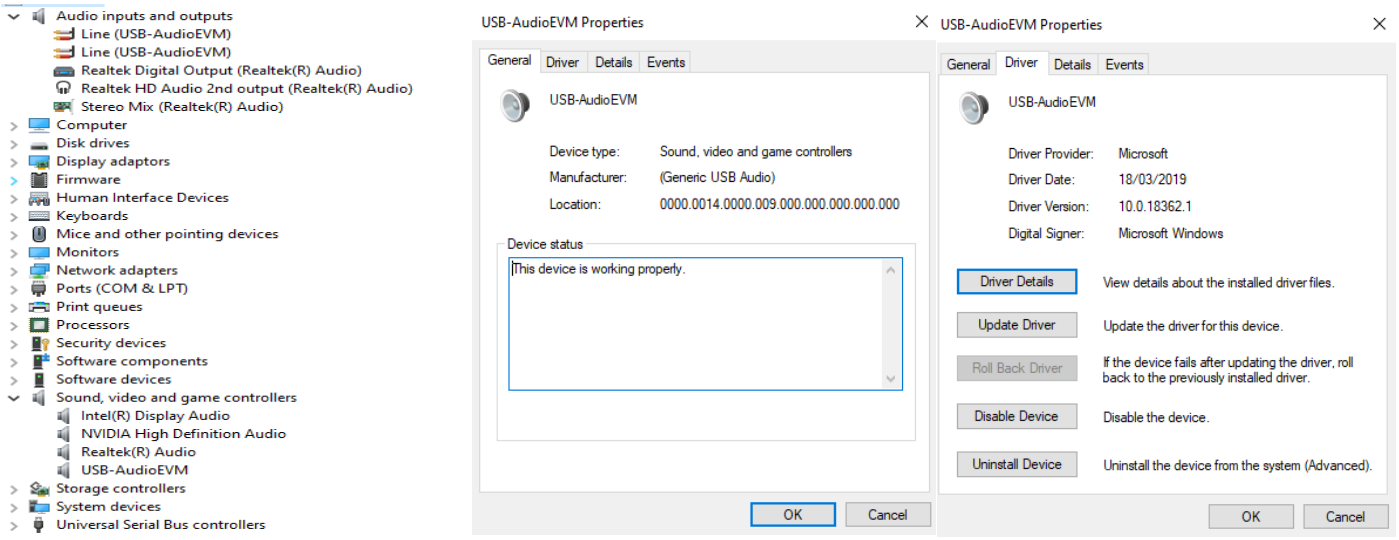
Yet the driver is like this:

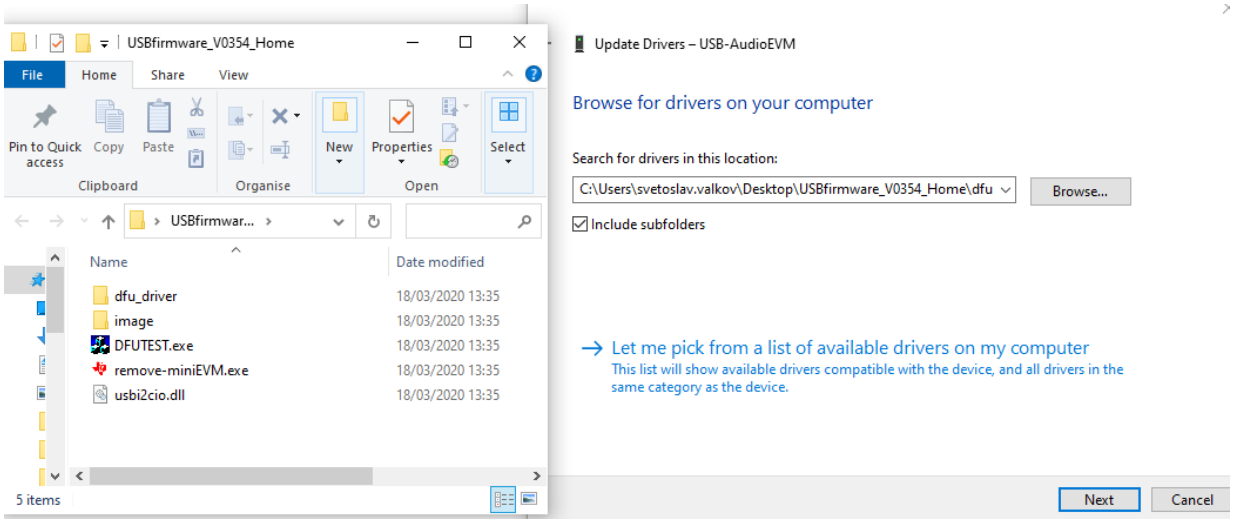


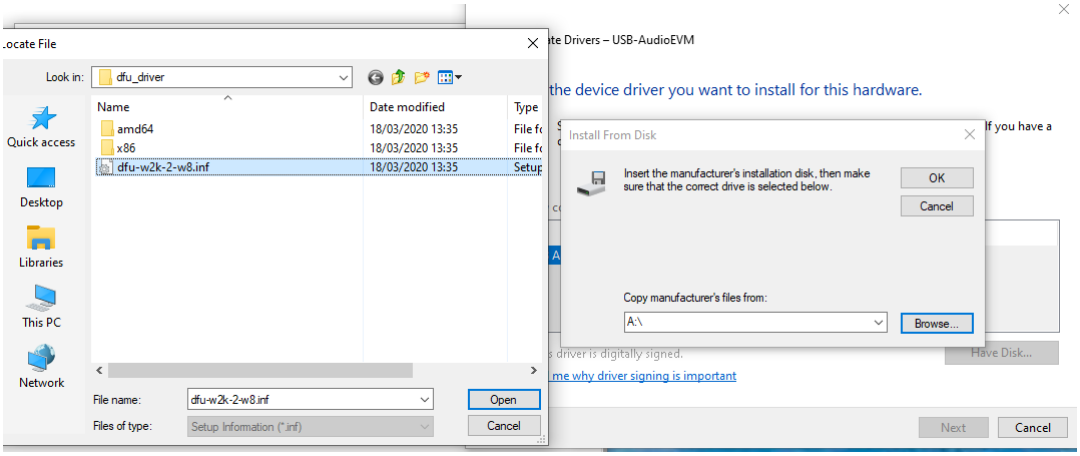
The boards are connected to USB, Coax SPDIF, 24Vdc! Windows 10 Pro is installing its own Microsoft driver.

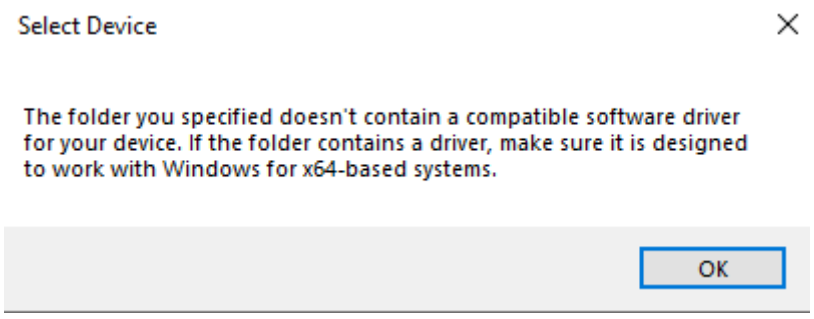


According to some stuff I read, there is a TI driver USBfirmware_V0354_Home (or am I wrong?). Below is my unsuccessful attempt to change the driver:

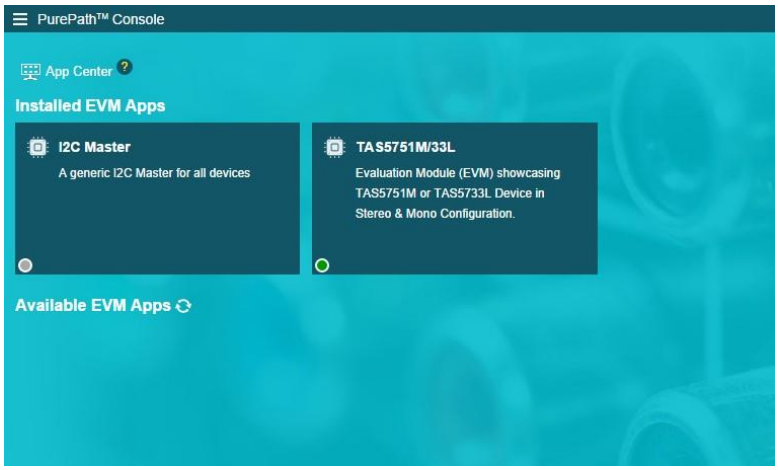

Audio inputs and outputs
Line (USB-AudioEVM)
Line (USB-AudioEVM)
Realtek Digital Output (Realtek(R) Audio)
Realtek HD Audio 2nd output (Realtek(R) Audio)
Stereo Mix (Realtek(R) Audio)
Computer
Disk drives
Display adaptors
Firmware
Human Interface Devices
Keyboards
Mice and other pointing devices
Monitors
Network adapters
Ports (COM & LPT)
Print queues
Processors
Security devices
Software components
Software devices
Sound, video and game controllers
Intel(R) Display Audio
NVIDIA High Definition Audio
Realtek(R) Audio
USB-AudioEVM
Storage controllers
System devices
Universal Serial Bus controllers
USB-AudioEVM Properties
General
Driver
Details
Events
USB-AudioEVM
Device type: Sound, video and game controllers
Manufacturer: (Generic USB Audio)
Location: 0000.0014.0000.009.000.000.000.000.000
Device status
This device is working properly.
OK
Cancel
USB-AudioEVM Properties
General
Driver
Details
Events
USB-AudioEVM
Driver Provider: Microsoft
Driver Date: 18/03/2019
Driver Version: 10.0.18362.1
Digital Signer: Microsoft Windows
Driver Details
View details about the installed driver files.
Update Driver
Update the driver for this device.
Roll Back Driver
If the device fails after updating the driver, roll back to the previously installed driver.
Disable Device
Disable the device.
Uninstall Device
Uninstall the device from the system (Advanced).
OK
Cancel

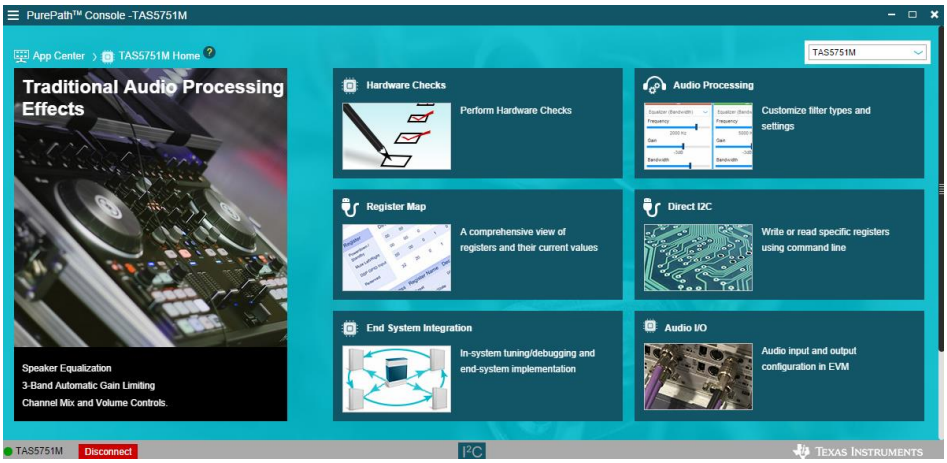

USBfirmware_V0354_Home
File
Home
Share
View
Pin to Quick access
Copy
Paste
Clipboard
New
Properties
Organise
Open
Select
USBfirmwar...
Name
Date modified
dfu_driver 18/03/2020 13:35
image 18/03/2020 13:35
DFUTEST.exe 18/03/2020 13:35
remove-miniEVM.exe 18/03/2020 13:35
usbi2cio.dll 18/03/2020 13:35
5 items
Update Drivers – USB-AudioEVM
Browse for drivers on your computer
Search for drivers in this location:
C:\Users\svetoslav.valkov\Desktop\USBfirmware_V0354_Home\dfu
Browse...
Include subfolders
Let me pick from a list of available drivers on my computer
This list will show available drivers compatible with the device, and all drivers in the same category as the device.
Next
Cancel

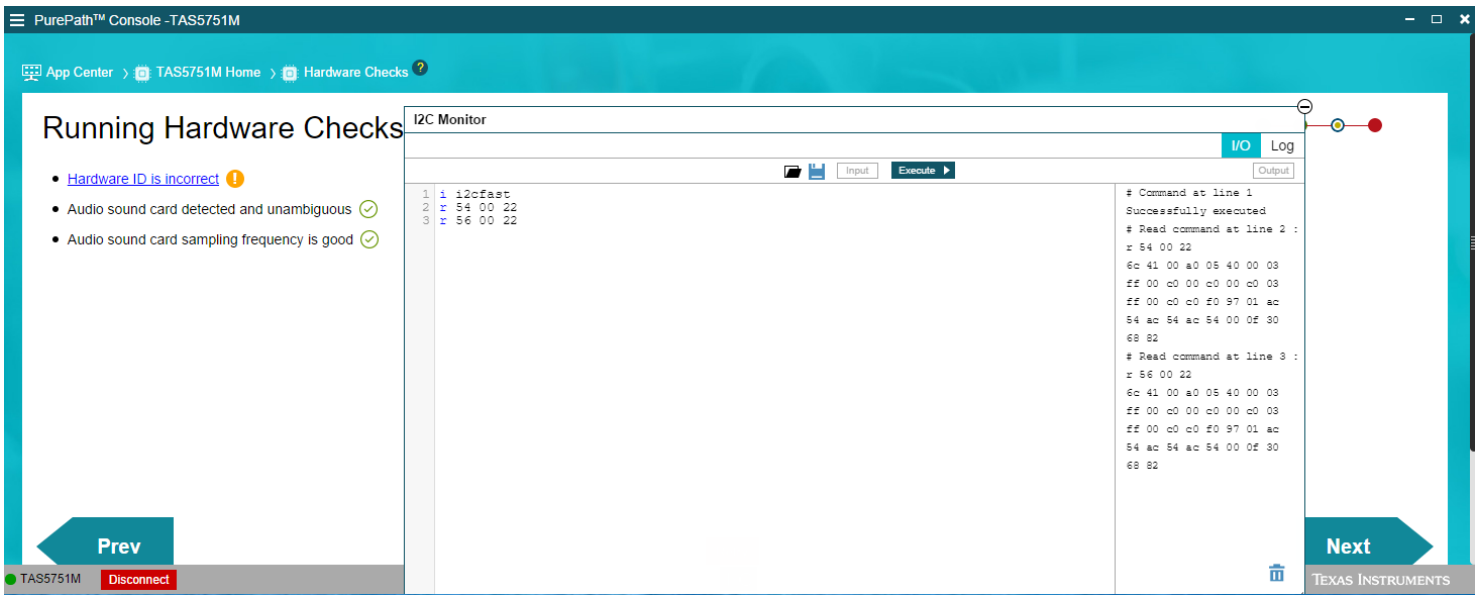

.ocate File
Look in: dfu_driver
Quick access
Desktop
Libraries
This PC
Network
Name
Date modified
Type
amd64 18/03/2020 13:35
x86 18/03/2020 13:35
dfu-w2k-2-w8.inf 18/03/2020 13:35
File name: dfu-w2k-2-w8.inf
Files of type: Setup Information (*.inf)
Open
Cancel
te Drivers – USB-AudioEVM
the device driver you want to install for this hardware.
Install From Disk
Insert the manufacturer's installation disk, then make sure that the correct drive is selected below.
OK
Cancel
Copy manufacturer's files from:
A:\
Browse...
Have Disk...
me why driver signing is important
Next
Cancel


Select Device
The folder you specified doesn't contain a compatible software driver for your device. If the folder contains a driver, make sure it is designed to work with Windows for x64-based systems.
OK

Current state of PPC3 and apps I have access to are as follows:

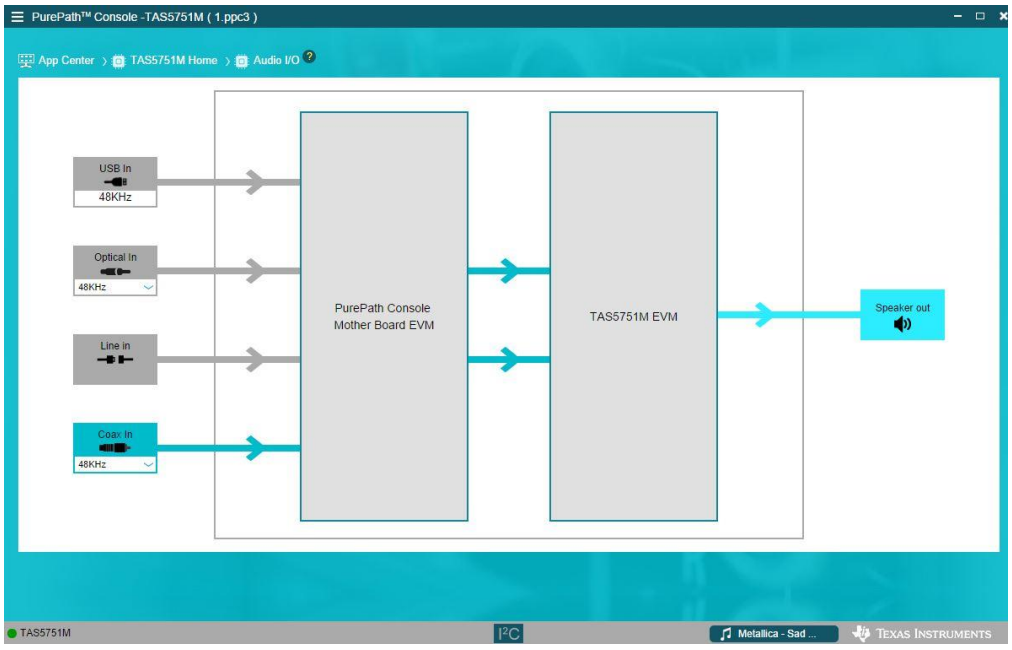


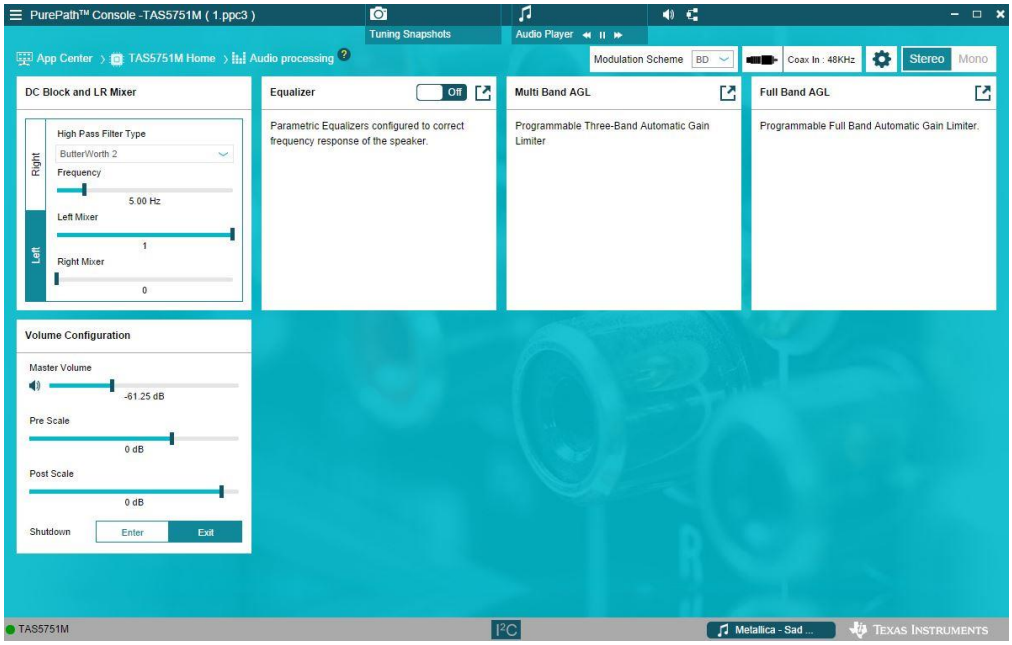


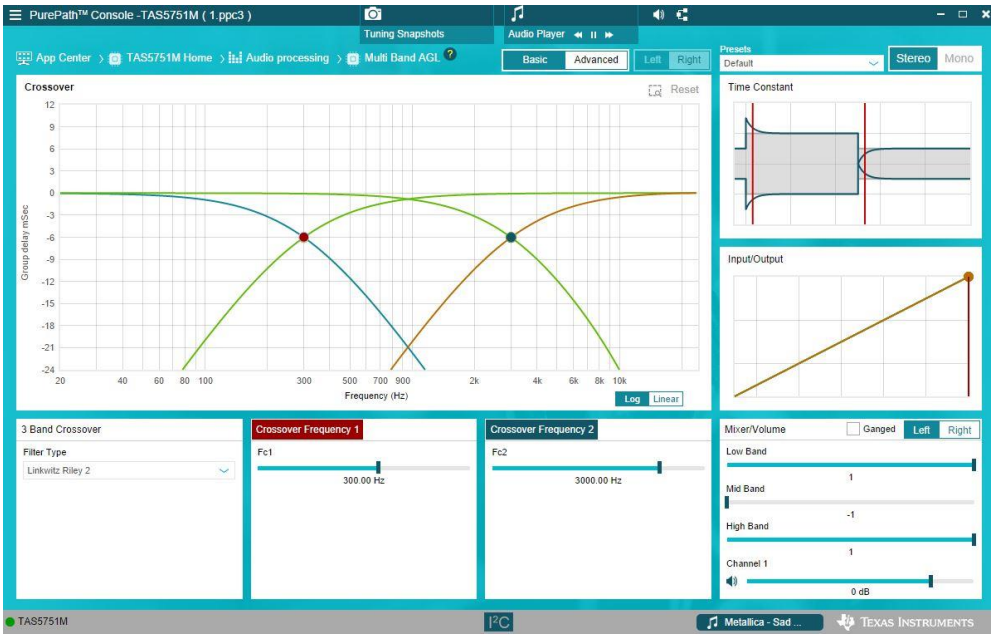


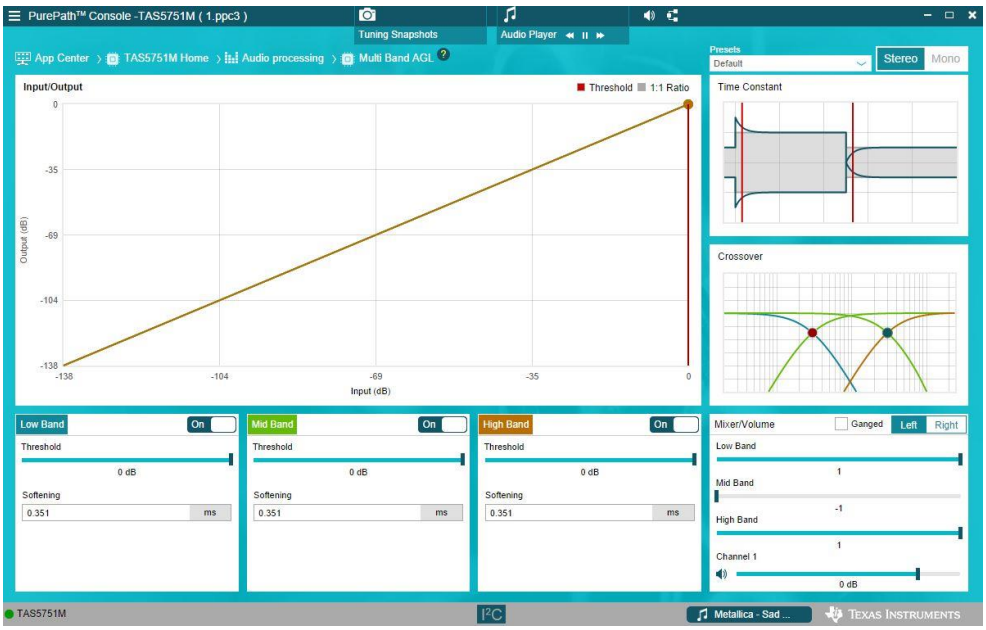
As you can see the board is connected, the Hardware ID is incorrect, but I2C is still working. I read in e2e forum that the wrong HW ID is not a problem as the I2C is still working. Also, there is some Firmware Update tool and a procedure to restore the right HW ID.

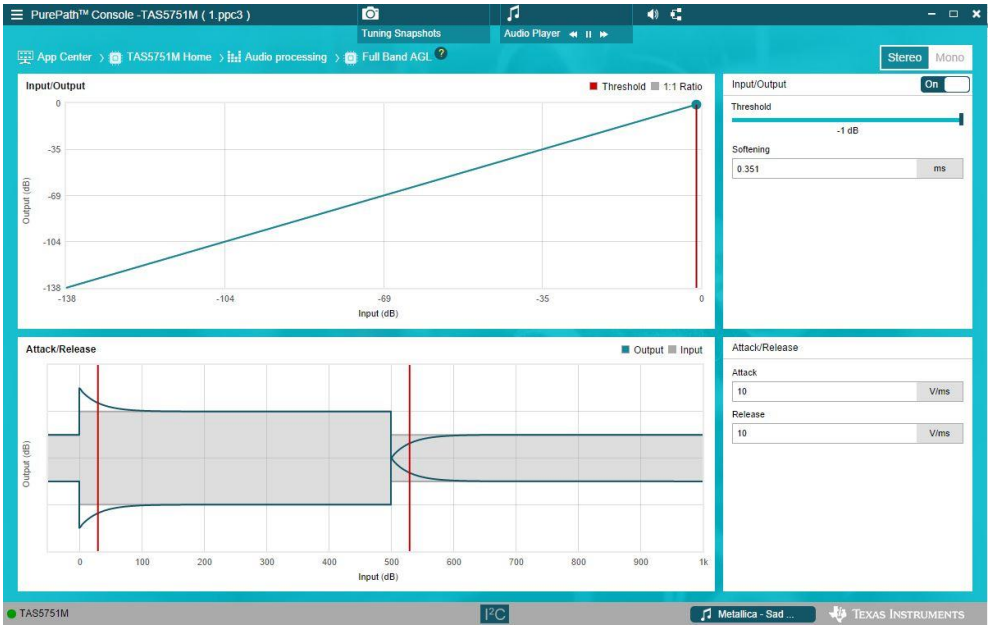
Following are my current settings (all the windows I could access)**:**

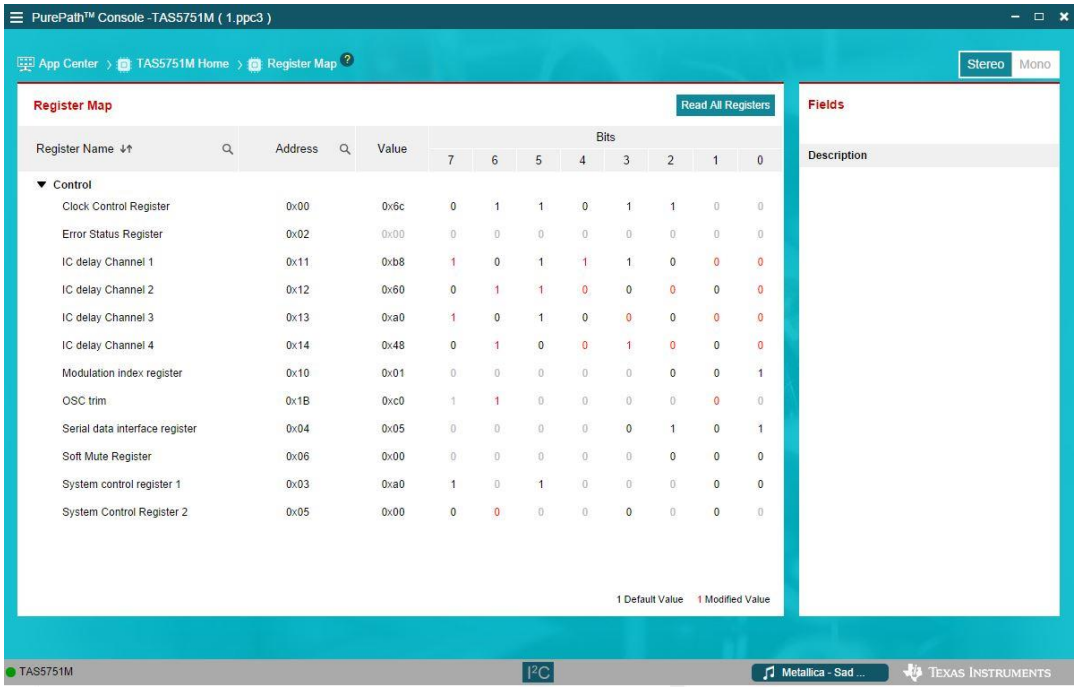




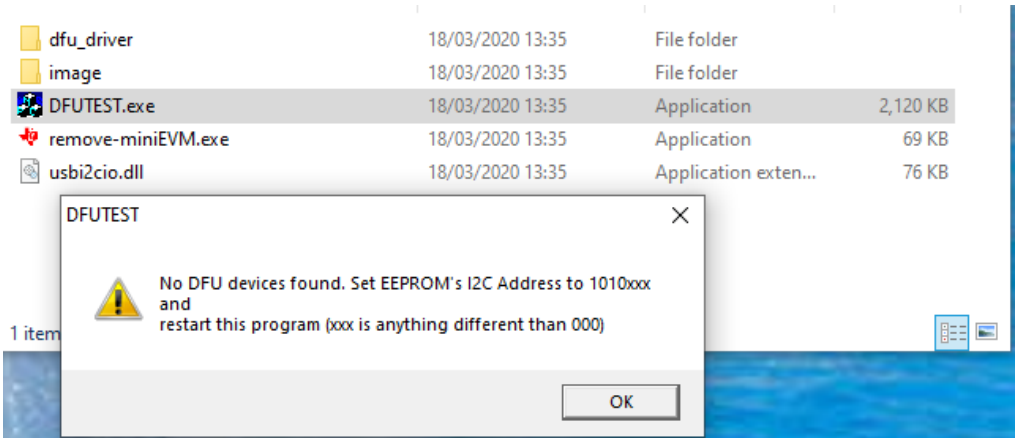
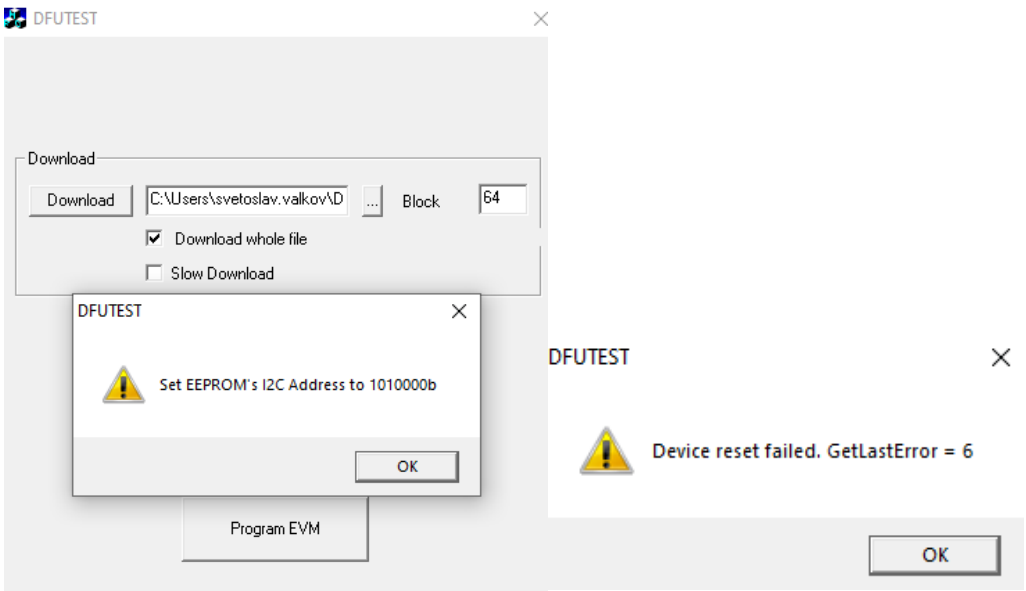

PurePath™ Console -TAS5751M (1.ppc3)
Tuning Snapshots
Audio Player
App Center
TAS5751M Home
Audio processing
Multi Band AGL
Basic
Advanced
Left
Right
Presets
Default
Stereo
Mono
Crossover
Reset
Group delay mSec
Frequency (Hz)
Log
Linear
Time Constant
Input/Output
3 Band Crossover
Filter Type
Linkwitz Riley 2
Crossover Frequency 1
Fc1
300.00 Hz
Crossover Frequency 2
Fc2
3000.00 Hz
Mixer/Volume
Ganged
Low Band
Mid Band
High Band
Channel 1
0 dB
TAS5751M
Metallica - Sad ...
Texas Instruments


PurePath™ Console -TAS5751M (1.ppc3)
Tuning Snapshots
Audio Player
App Center
TAS5751M Home
Audio processing
Multi Band AGL
Presets
Default
Stereo
Mono
Input/Output
Threshold
1:1 Ratio
Output (dB)
Input (dB)
Time Constant
Crossover
Low Band
Mid Band
High Band
On
Threshold
0 dB
Softening
0.351
ms
Mixer/Volume
Ganged
Left
Right
Low Band
Mid Band
High Band
Channel 1
0 dB
TAS5751M
Metallica - Sad ...
Texas Instruments


PurePath™ Console -TAS5751M (1.ppc3)
Tuning Snapshots
Audio Player
App Center
TAS5751M Home
Audio processing
Full Band AGL
Stereo
Mono
Input/Output
Threshold
1:1 Ratio
Output (dB)
Input (dB)
On
Threshold
-1 dB
Softening
0.351
ms
Attack/Release
Output
Input
Attack
10
V/ms
Release
10
V/ms
TAS5751M
Metallica - Sad ...
Texas Instruments



According to the settings and datasheets it has to have sound playing on the speakers. Unluckily, there is no sound.

There is whistling sound that could be muted.

I tried to use DFUTEST but something is wrong, too.