

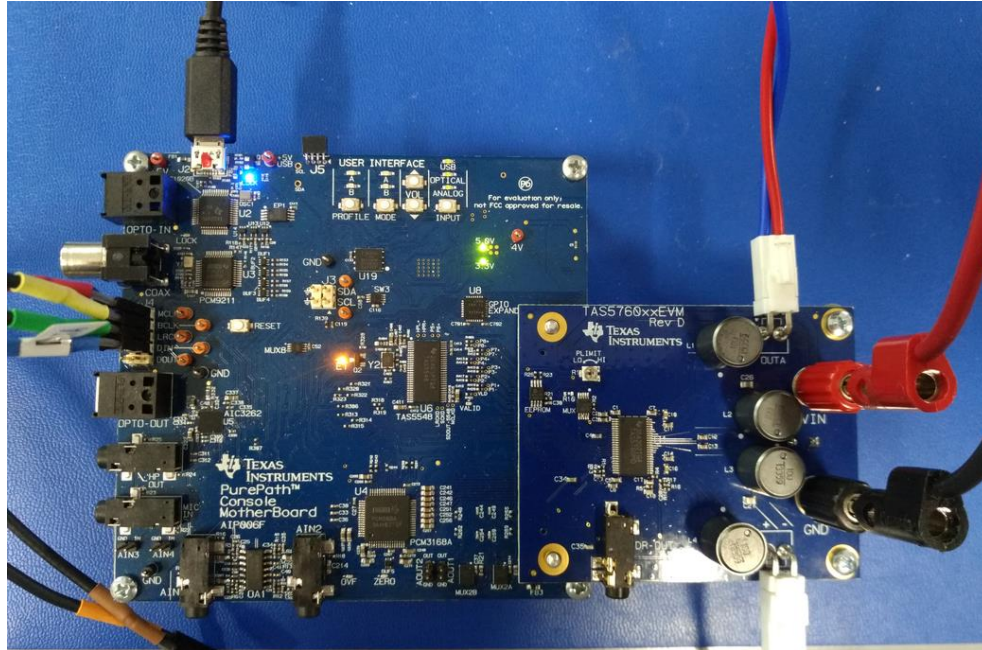
Step 1. Connect your PPCMB to TAS5760xxEVM.

Step 2. Connect a speaker to TAS5760xxEVM.

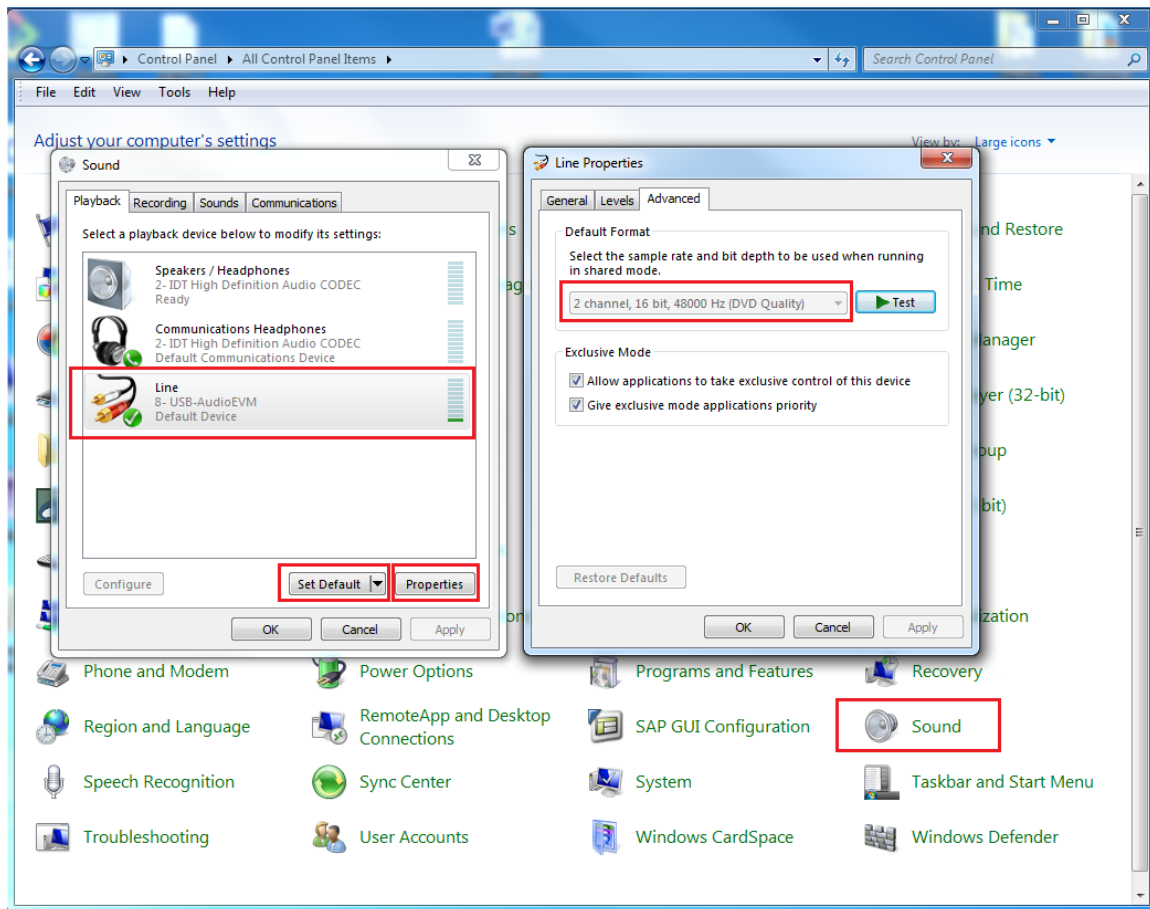
Step 3. Connect a power supply (4.5V-26.4V) and ground reference respectively to PVDD (**RED**) and GND (**BLACK**) on the TAS5760xxEVM. Power on the power supply. 5-V and 3.3-V LEDs (**Yellow**) are illuminated. The USB Lock LED (**Blue**) is also illuminated.

Step 4. Connect the I2S from your host to the external I2S connectors (MCLK, BCLK, LRCLK and SDIN) on the PPCMB.

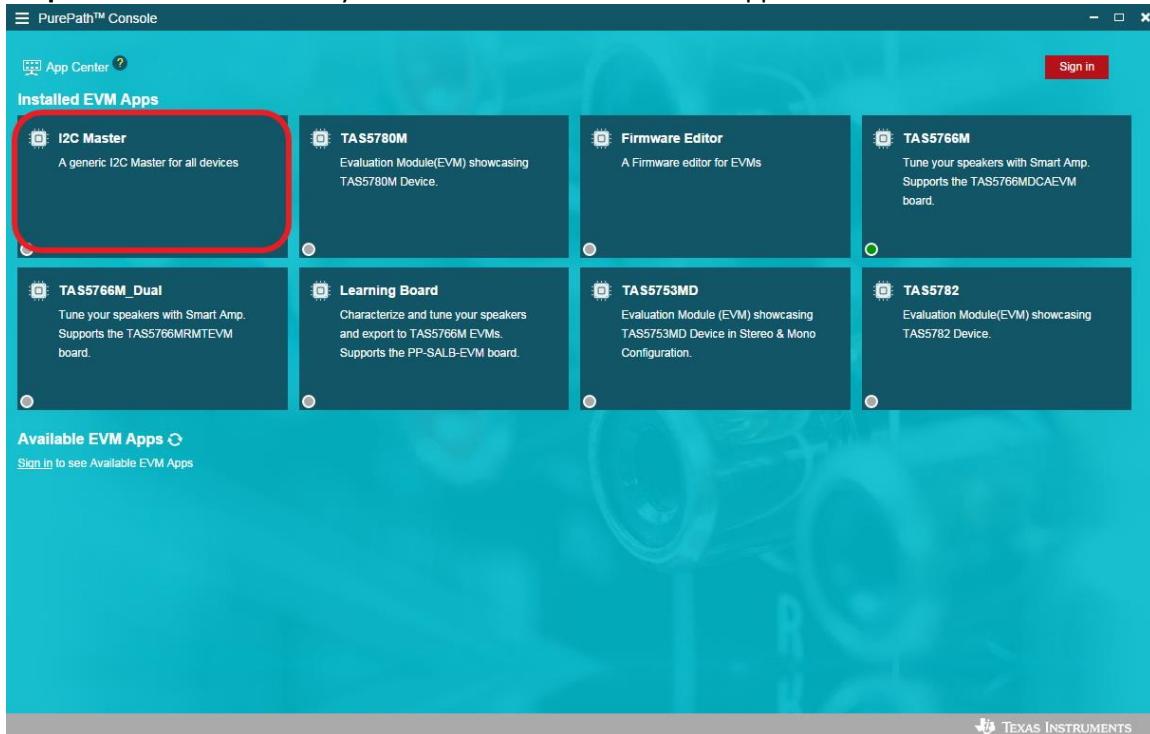
Step 5. Plug in a Micro USB cable from the PC to PPCMB.



Step 5. Go to “Control Panel” → “Sound” and select “USB-AudioEVM” under the “Playback” tab. Click on “Set Default” to make it the default playback device. Click on “Properties” and under the “Advanced” tab, make sure that the “Default Format” is shown as “2 channel, 16 bit, 48000 Hz (DVD Quality)” in the figure below. Do the same thing in the “Recording” tab.



Step 6. Launch PPC3 GUI in your PC and click the I2C Master app.



Step 7. Click the “Connect” button on the bottom. A “Disconnect” button will show. Copy and paste all the lines in the cfg file “External I2S.cfg” to the left window. Click the “Execute” button and wait for the whole script to be executed.

```

1 # Change to GPIO mode
2 1 gpio
3 # Set bank 0
4 w 99 04 01
5 # Clear bits (command 01) with mask 20 - clears P1.5 of Bank 0
6 w 99 01 20
7
8 # Go back to I2C mode
9 1 i2cfaet
10 # Set pins 21-24 as outputs
11 w 44 0E 0F
12 # Set pin 23 high (MCLK-MUX = PSIA)
13 w 44 06 7F
14
15 w 44 0c 3b
16 w 44 04 fb
17
18 w 44 0d fe
19 w 44 05 fe
20
21 #Get the device into sleep
22 w d5 01 fc
23 # Enable FSTL
24 w d8 06 d1
25 # Wake up
26 w d5 01 fd
27
28

```

```

# Command at line 2
Successfully executed
# Write command at line 4
Successfully written
# Write command at line 6
Successfully written
# Command at line 9
Successfully executed
# Write command at line 11
Successfully written
# Write command at line 13
Successfully written
# Write command at line 15
Successfully written
# Write command at line 16
Successfully written
# Write command at line 18
Successfully written
# Write command at line 19
Successfully written
# Write command at line 22
Successfully written
# Write command at line 26
Successfully written

```

Step 9. Start to feed I2S data from your host and measure the speaker output.