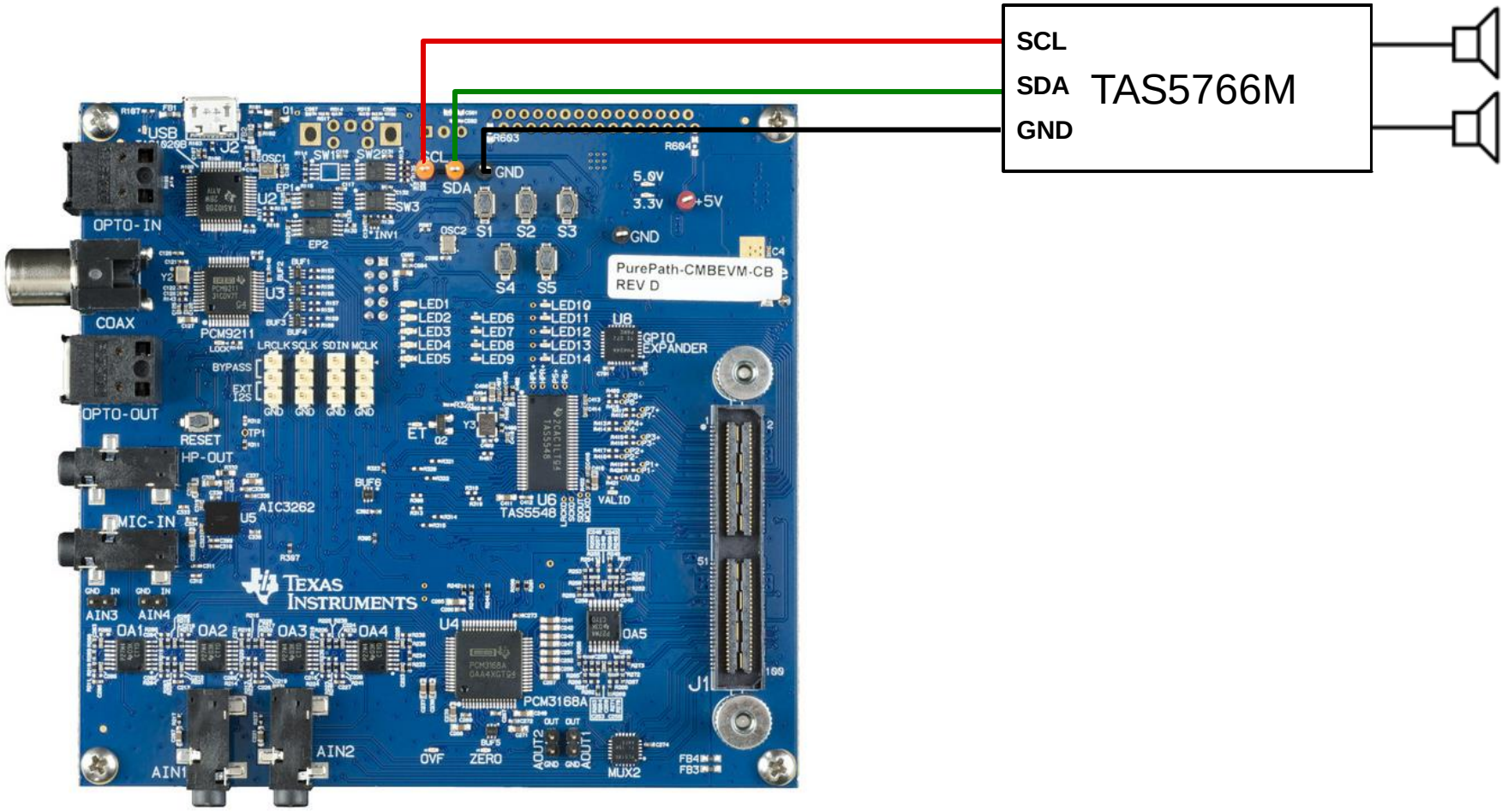
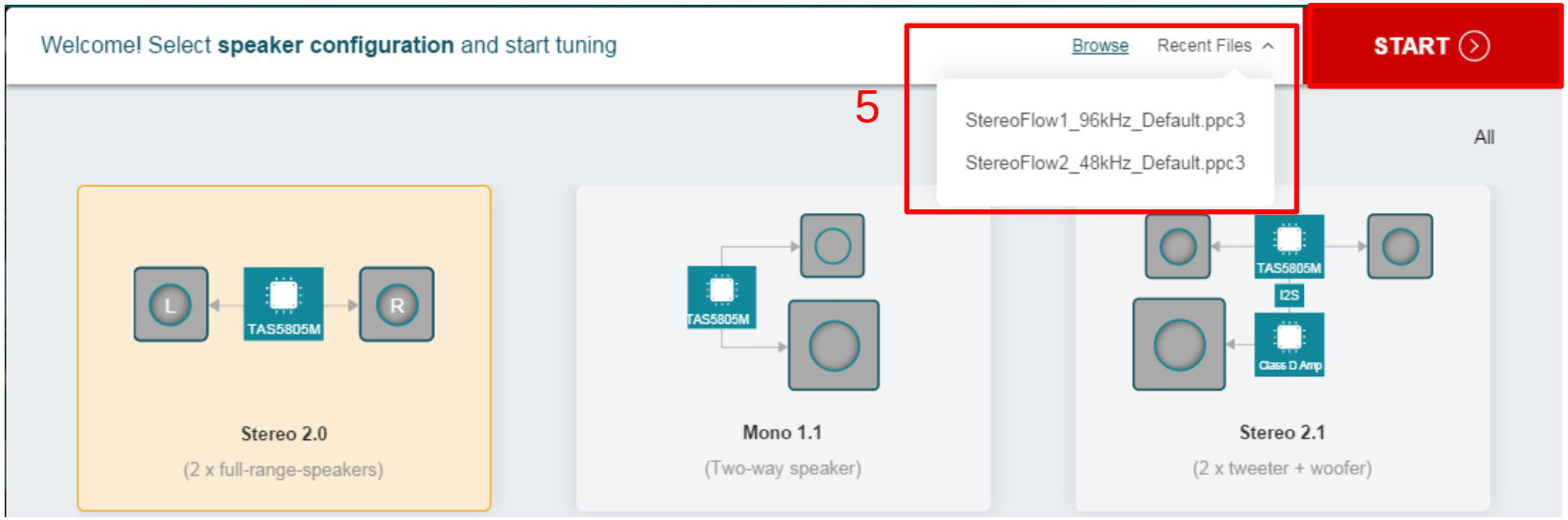
In-System Tuning

Hardware Connections



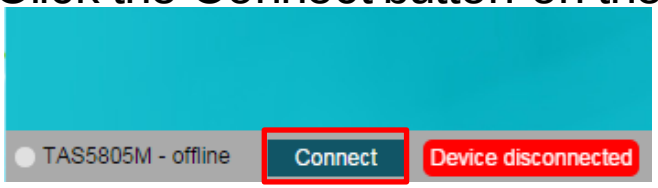
Step 1

1. Connect a PUREPATH-CMBEVM to your PC.
2. Power on PUREPATH-CMBEVM.
3. Plug in a Micro USB cable from the PC to PUREPATH-CMBEVM.
4. Launch PPC3 and go to TAS5766M app.
5. Load your tuning file(.ppc3).
6. Click the START button.

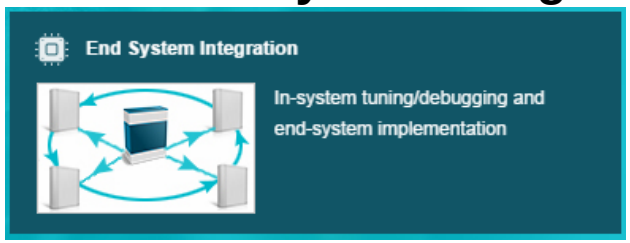


Step 2A

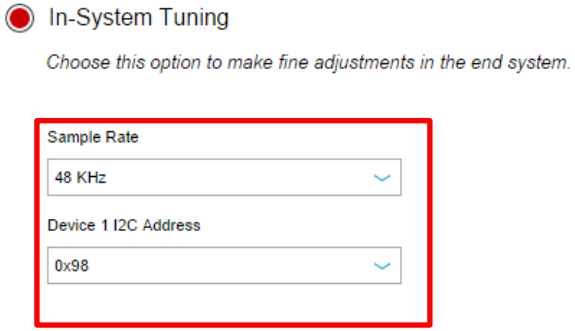
1. Click the Connect button on the bottom.

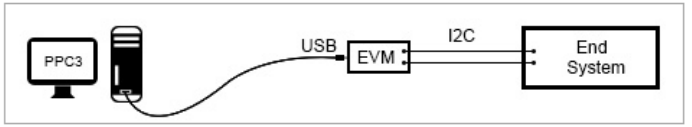


2. Go into **End System Integration**.

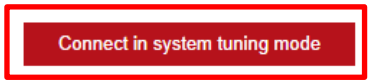


3. Select **In-System Tuning** and choose the right sample rate and device i2c address. Click the “Connect in system tuning mode” button.



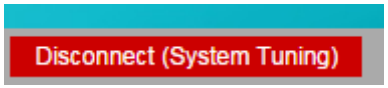


Connect the End System I2C bus to the SDA, SCL and GND test points on the motherboard. NOTE: Revision F or newer of PUREPATH-CMBEVM allows USB power and removing the Target EVM from the motherboard

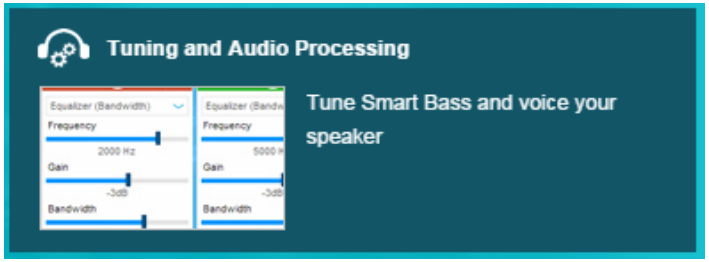


Step 3A

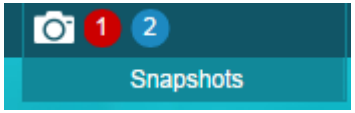
1. Make sure the “Disconnect (System Tuning)” button shows.



2. Open **Tuning and Audio Processing**. This will load tuning settings to the target TAS5766M device in the end system.



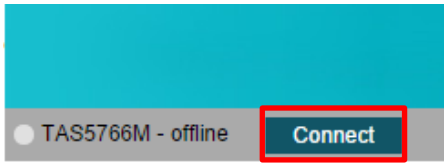
3. Select the desired **Snapshot** if any has been saved before**.**



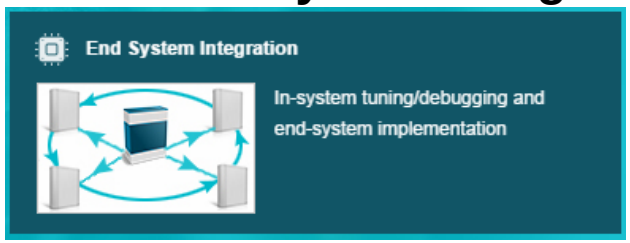
4. Make changes to your existing tuning settings.

Step 2B

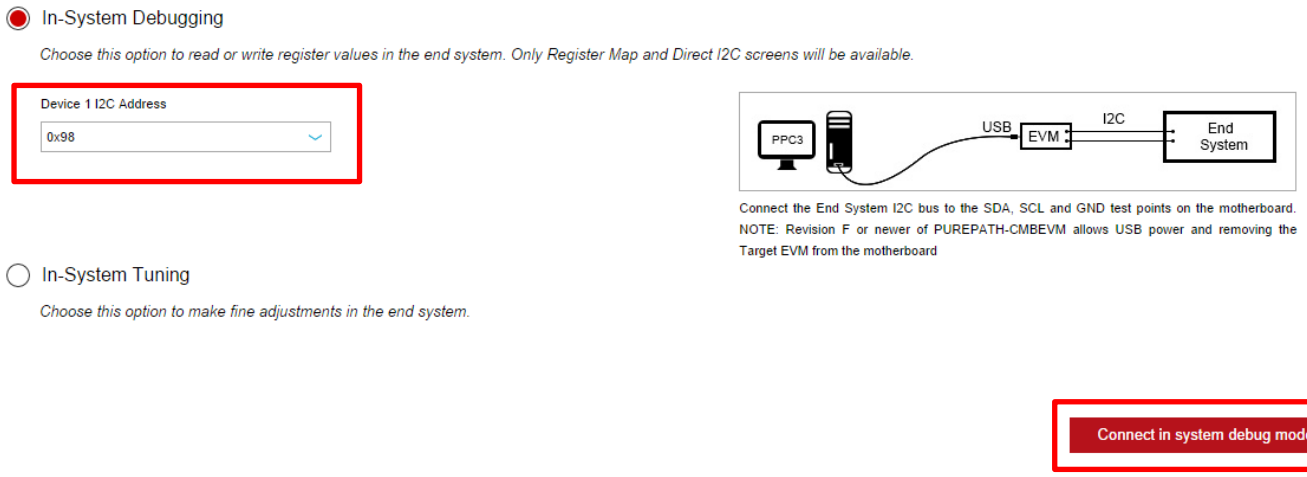
1. Click the Connect button on the bottom.



2. Go into **End System Integration**.



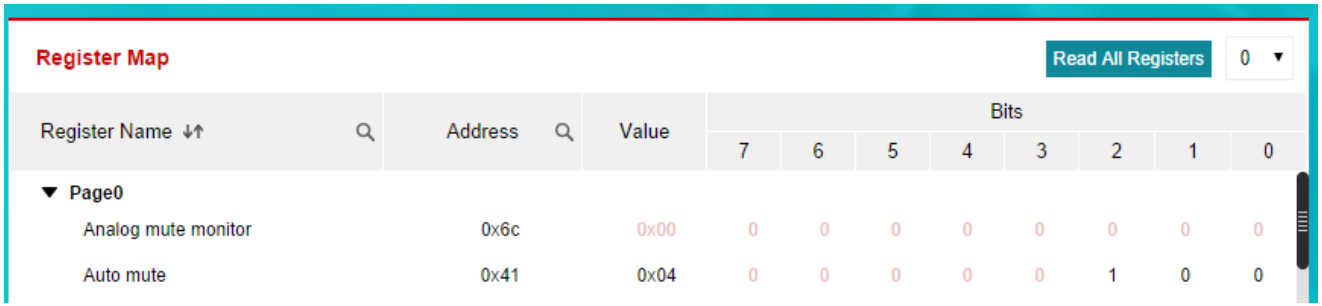
3. Select **In-System Debugging** and choose the device i2c address. Click the “Connect in system debug mode” button.



Step 3B

1. Make sure the “Disconnect (System Debug)” button shows.

2. Open **Register Map**. This will load the device register map that can be read back or modified on the TAS5766M



3. Open **Direct I2C**. This will open the Direct I2C command line that can allows scripts to write/readback registers on the device