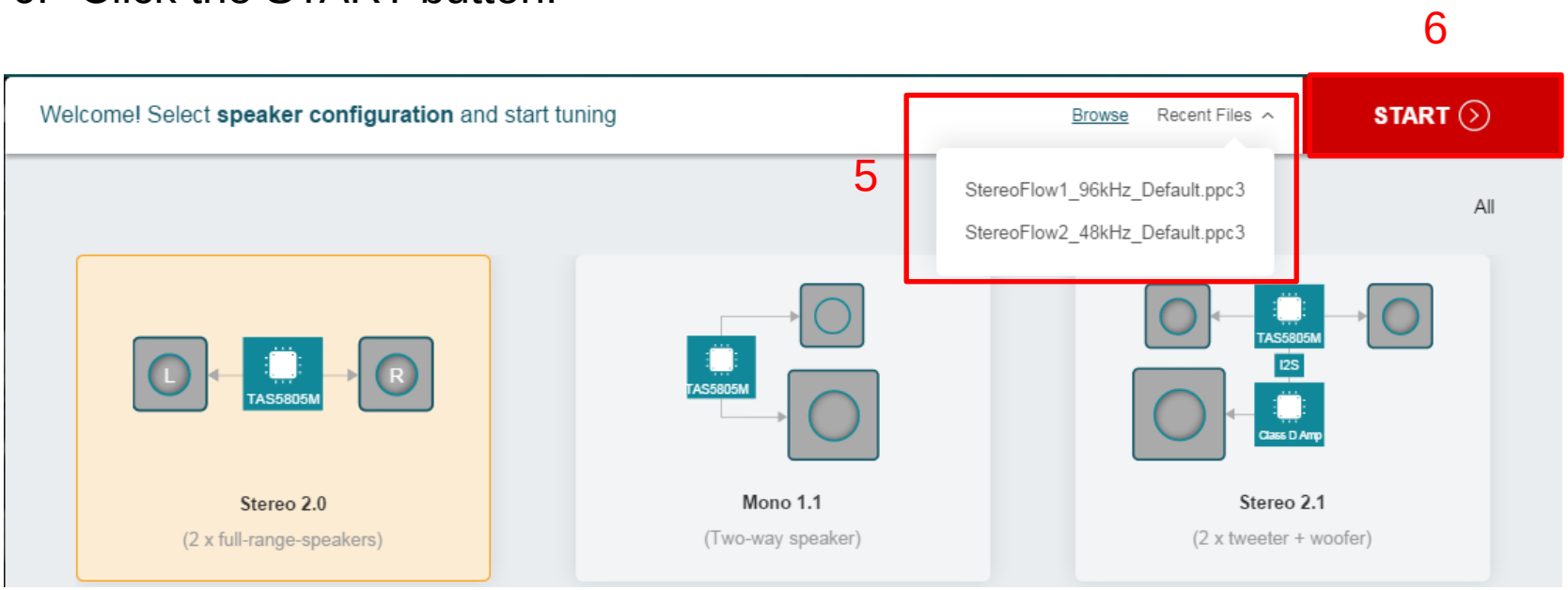
How to Generate a Header File for TAS5805M in PPC3

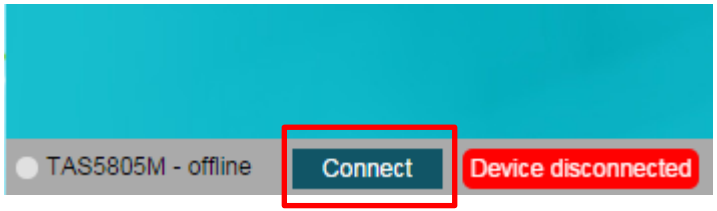
Step 1

1. Connect a TAS5805MEVM to your PC.
2. Power on TAS5805MEVM.
3. Plug in a Micro USB cable from the PC to TAS5805MEVM.
4. Launch PPC3 and go to TAS5805M app.
5. Load your tuning file(.ppc3).
6. Click the START button.

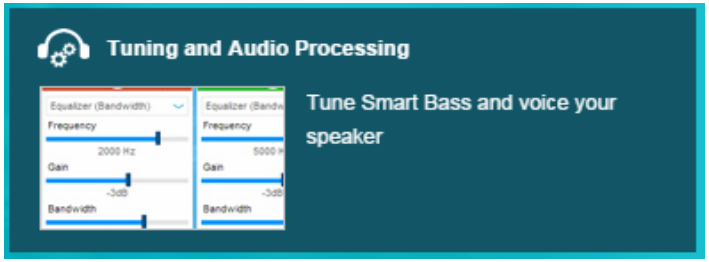


Step 2

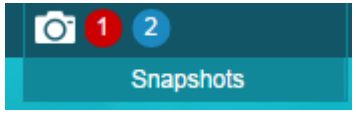
1. Click the Connect button on the bottom.



2. Open **Tuning and Audio Processing**. This will load tuning settings to the target TAS5805M device on the EVM.



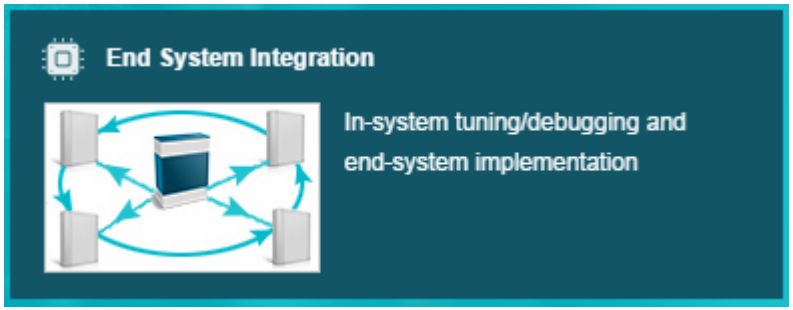
3. Select the desired **Snapshot** if any has been saved before**.**



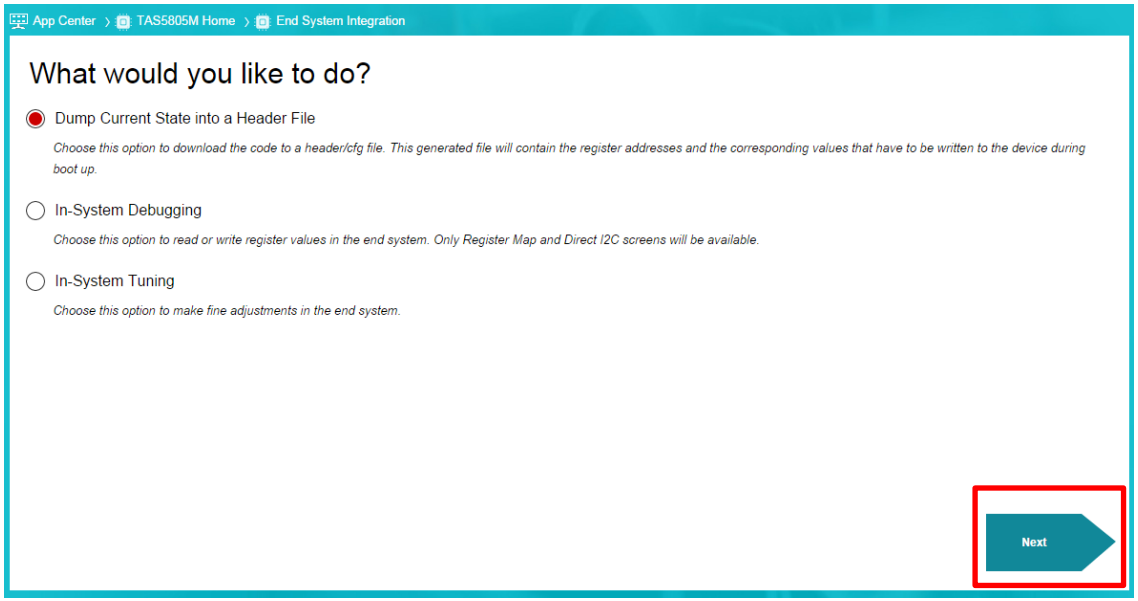
4. Make sure your tuning settings are all good.

Step 3 (1 / 3)

1. Go into **End System Integration**.

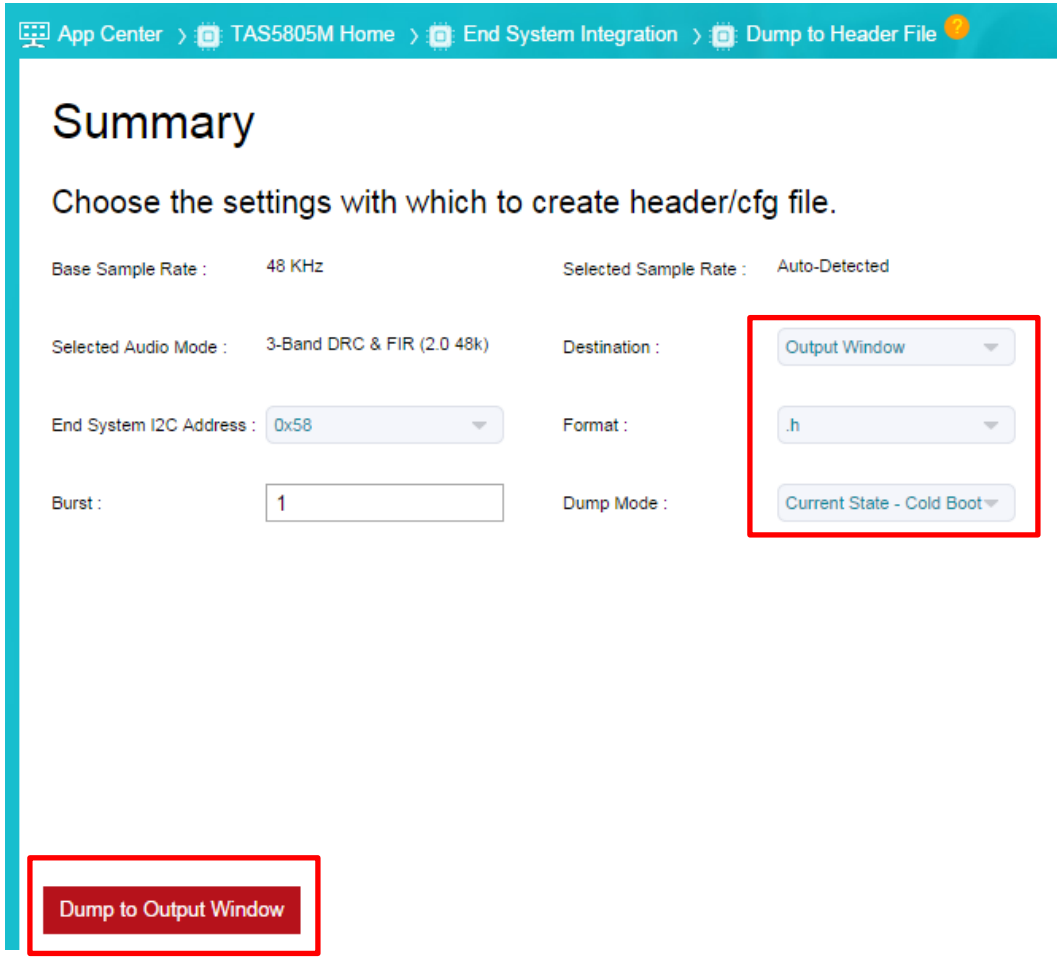


2. Select **Dump Current State into a Header File** and click the Next button.



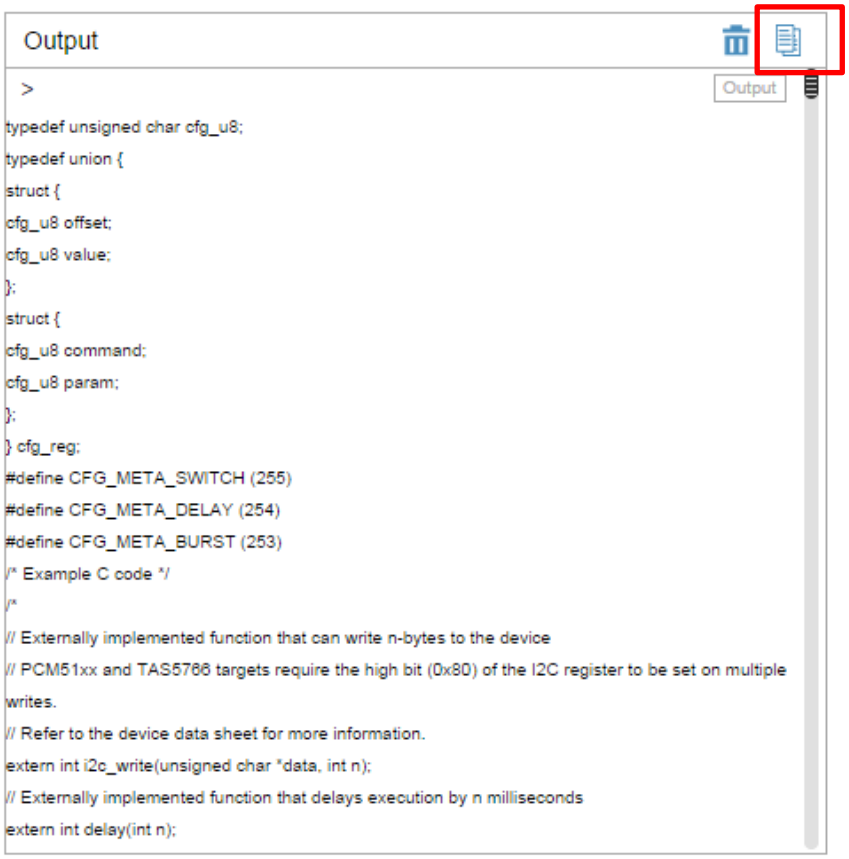
Step 3 (2 / 3)

3. Make sure the right Destination, Format and Dump Mode are selected. Click the **Dump to Output Window** button, as shown below.



Step 3 (3 / 3)

4. Click the icon on the top right corner of the Output window and paste all the contents to a blank header file.



Step 4

1. Make a few necessary changes so that the header file can be used with the driver code. Se the example below.

```
#include <linux/regmap.h>

static const struct reg_sequence tas5805m_init_sequence[] =
{
    { 0x00, 0x00 },
    { 0x7f, 0x00 },
    { 0x03, 0x02 },
```