

Pocket-FT8 32 kbps Sample Rate on Teensy 3.6 Note

This note is written to explain how to adjust the sample rate in the Teensy Audio Library from 44.1 kbps to 32 kbps for the Pocket-FT8 Project.

Please find in the folder Pocket_FT8_Teensy3.6_32kSampleRate_Note a file named “pdb_june32k.h”.

Using your file explorer, drill down to the Teensy Audio Library Folder on your Arduino IDE installation to find the folder which is similar to the path below:

C:\Arduino_2021\Arduino\hardware\teensy\avr\libraries\Audio\utility

In this folder you should see a file named “pdb.h”.

Place a copy of “pdb_june32k.h” in this folder.

Rename the “pdb.h” file to “pdb_original.h”

Rename the “pdb_32k-Copy.h” file to “pdb.h”.

Start your Arduino IDE and build the Pocket-FT8 Sketch.

That’s All Folks!

Charley