

# Teensy Audio-Board



This audio board is an add-on for the development cards Teensy 3.0 and 3.1. The audio board is a user-friendly solution to provide your teensy project with high quality audio (16 bit, 44.1 kHz).

The Teensy Audio Board uses an SGTL5000 stereo codec with headphone amplifier IC to decode and output audio files. The Teensy Developer Board's Cortex-M4 DSP instructions enable real-time FFT. Each board has a 3.5 mm jack for connecting headphones, a slot for a micro SD card for storing audio files, as well as space for an optional 25 kOhm potentiometer (volume control) and a flash memory device. The two rows of 14x1 pins are not included to allow you free choice when connecting the audio card to your Teensy.

## Technical Specifications

<b>Model</b>	Teensy Audio-Board
<b>Audio</b>	16 Bit, 44.1 kHz Samplerate
<b>Channels</b>	4-Channel Software-Mixer
<b>Connections</b>	3.5mm Jack-Plug Slot for Micro-SD-Card