TOSHIBA

Software IP Speech Codec Development Environment

TMSI-SDE

Outline:

To reproduce speech data on the microcontroller using the software IP speech codec, it is necessary to write the encoded speech data to the microcontroller in advance.
It may also be necessary to record data on the microcontroller and then to import the recorded data to a PC to save and process the data.

The TMSI-SDE is a Windows software application that realizes these functions.

Functions:

Encode/decode of Windows speech files   *.   files
Encode/decode Windows standard speech files (*.wav files).

Data transfer between the microcontroller and a PC
Transfers data between the microcontroller and a PC.

Functions To Be Added:

Speech recording/playback
Recording/playback of speech data

Waveform editing
Waveform editing such as selection, cut, paste, and volume adjustment

Waveform formatting
Sampling bit conversion, frequency conversion, stereo-to-mono conversion

Filtering
Filtering on captured waveforms

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Example Image