Demonstrating the Audio Preprocessing Reference Design for Voice-based Applications on C6747

TI Design: http://www.ti.com/tool/tidep-0099
C6747 Audio Preprocessing Demo Flow

C6747 EVM
BF+ASNR+MSS+DRC

8-mic CMB

LEFT: Headphone Audio
RIGHT: Unprocessed Audio

External Sound Card

Audacity® audio editing software:
Split L & R channels to listen to clean and unclean audio
For more information


• Hardware:

• Software:
  – Audacity® Audio analysis tool: http://www.audacityteam.org

• Training:
  – Audio System Hardware with Voice as User Interface http://training.ti.com/audio-system-hardware-voice-user-interface

• For questions about this training, refer to the Texas Instruments E2E community forum for C67x Single Core DSP: https://e2e.ti.com/support/dsp/tms320c6000_high_performance_dsps/f/115