Onboard Microphone Recording : MIC \rightarrow PGA \rightarrow ADC \rightarrow ASI \rightarrow PC

Jumper Settings

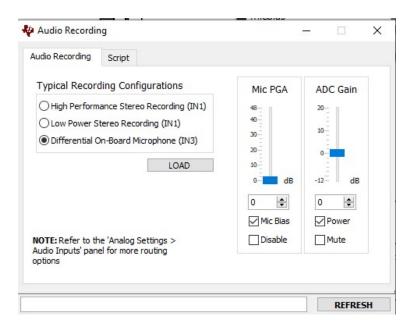
W1 – 2-3 W5/W6/W7/W2/W3 – Installed W8 – 2-3 W4 – Removed

Procedure

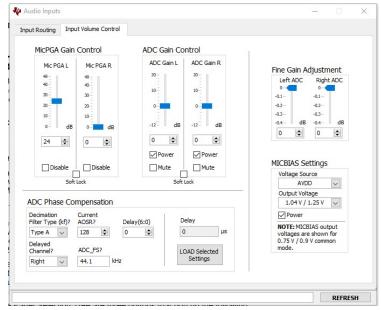
1. Open GUI – Ensure USB LED is green and USB Audio Sample Rate is valid as shown

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<u>F</u> ile <u>W</u> indow Help			
FIRMWARE NAME VERSION USB-AudioEVM 3.04			
USB INTERFACE I ² C ADDRESS I2C Fast 0x30			
 Typical Configurations Playback Recording Features Adaptive Filtering 			
AGC DRC Headset Detection DC Measurement 3-D Effect miniDSP Apps Equalizers Spectrum Analyzer Stereo AGC TI Guitar FX			
•	Digital Settings Clocks / Interf Analog Settings Analog Setup	ace	~
STATUS FLAGS			
REGISTER TABLES			
Ready			
USB Audio Sampling Rate 44100 Hz			
EVM NAME TLV320AIC3254EVM-K			
# of Devices 1 Device ID 0 🗢			
ACQUIRE DEVICE App ID 1			

2. Open Recording Panel from Typical Configurations; select Differential On-Board Microphone; click LOAD to program Device.



3. Set PGA Gain using Audio Inputs/Input Volume Control



- 4. Select Line (USB-miniEVM) as the sound source in Windows Sound Settings
- 5. Open Audacity (www.audacityteam.org) or any other recording s/w. and record ADC output.