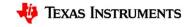# TLV320AIC310x Linux driver -- Audio Routing Path Setting

TEXAS INSTRUMENTS

CODEC input path – amixer setting example

- /* Left Input */
  - LINEIN
    - "PGA Capture Switch" => on
    - "PGA Capture Volume" => 20 (for example)
    - "Left (Right) Line1L Mux" => "differential", (or "Single-ended")
    - "Left (Right) Line1R Mux" => "differential", (or "Single-ended")
    - "Left (Right) PGA Mixer Line1L Switch" => on
    - "Left (Right) PGA Mixer Line1R Switch"=> on

- /* Right Input */
  - LINE2N
    - "PGA Capture Switch" => on
    - "PGA Capture Volume" => 20 (for example)
    - "Right (Left) Line2L Mux" => "differential", (or "Single-ended")
    - "Right (Left) Line2R Mux" => "differential", (or "Single-ended")
    - "Right (Left) PGA Mixer Line2L Switch" => on
    - "Right (Left) PGA Mixer Line2R Switch"=> on

TEXAS INSTRUMENTS

CODEC input path – amixer setting example

- /* Mic input for tlv320aic3104 */
  - MIC2
    - "PGA Capture Switch" => on
    - "PGA Capture Volume" => 20 (for example)
    - "Left (Right) PGA Mixer Mic2L Switch" => on
    - "Left (Right) PGA Mixer Mic2R Switch" => on

- /* Mic input for other than tlv320aic3104 */
  - MIC3
    - "PGA Capture Switch" => on
    - "PGA Capture Volume" => 20 (for example)
    - "Left (Right) PGA Mixer Mic3L Switch" => on
    - "Left (Right) PGA Mixer Mic3R Switch" => on

TEXAS INSTRUMENTS

CODEC output path – amixer setting

- /* Left DAC Output */
  - HPLOUT
    - "Left DAC Mux" => "DAC_L1"
    - "Left HP Mixer DACL1 Switch" => on
  - HPLCOM
    - "Left DAC Mux" => "DAC_L1"
    - "Left HPCOM Mixer DACL1 Switch" => on
    - "Left HPCOM Mux" => "differential of HPLOUT"
  - LLOUT
    - "Left DAC Mux" => "DAC_L1"
    - "Left Line Mixer DACL1 Switch" => on

TEXAS INSTRUMENTS

CODEC output path – amixer setting

- /* Right DAC Output */
  - RLOUT
    - "Right DAC Mux" => "DAC_R1"
    - "Right Line Mixer" => "DACR1 Switch"

TEXAS INSTRUMENTS