PCM5100A no output waveforms

**Test condition: Used 3-wire I2S mode, LRCK=48KHz, BCK(SCK)=3.072MHz.**

**Ch1:CAPP = 1.536MHz**

Description: pin-CAPP and pin-CAPM have the 1.536MHz with normal sound.



**Ch1:CAPP = 899.8kHz**

Description: pin-CAPP and pin-CAPM have the 899.8kHz without normal sound.



**Ch1: DIN, Ch2: 3.3V, Ch3: LRCK=48KHz, Ch4: BCK(SCK)=3.072MHz**

Description: pin-CAPP and pin-CAPM have the 899.8kHz without normal sound.

**Ch1: DIN, Ch2: XSMT, Ch3: LRCK=48KHz, Ch4: BCK(SCK)=3.072MHz**

Description: pin-CAPP and pin-CAPM have the 899.8kHz without normal sound.



**Ch1: DIN, Ch2: XSMT, Ch3: LRCK=48KHz (zoom-in), Ch4: BCK=3.072MHz**

Description: pin-CAPP and pin-CAPM have the 899.8kHz without normal sound.



**Ch1: OUTL, Ch2: 3.3V, Ch3: LRCK=48KHz, Ch4: BCK=3.072MHz**

Description: pin-CAPP and pin-CAPM have the 899.8kHz without normal sound.



**Ch1: OUTL, Ch2: 3.3V, Ch3: LRCK=48KHz, Ch4: BCK=3.072MHz (zoom-in)**

Description: pin-CAPP and pin-CAPM have the 899.8kHz without normal sound.



**2024/08/26 updated for the PCM5100A did not have audio output, CAPP/CAPM both only have 900KHz, and VNEG has the -3.3V-out.**

**CAPP:**



**CAPM:**

**VNEG:**


Schematics:







Main board




Audio board
