

MODE (pin 48):

- Tied to V<sub>DD</sub>: SPI
- Pull-up: H/W single-ended input
- Pull-down: H/W & differential input
- Tied to GND: I<sup>2</sup>C

As configured: I<sup>2</sup>C device, address 0x88

Sheet: /		File: PCM3168APAP-breakout.kicad_sch	
<b>Title: PCM3168APAP Evaluation Board</b>			
Size: A3	Date: 2026-01-13	Rev: 0.1	
KiCad E.D.A. 9.0.4		Id: 1/4	

As configured:  
Analog Input (from Jack) = 2 VRMS  
Gain = 0.5;  
 $f_{-3\text{ dB}} = 48\text{kHz}$ ;  
Output = 1 VRMS



Title: PCM3168APAP Analog Input

Rev: 0.1

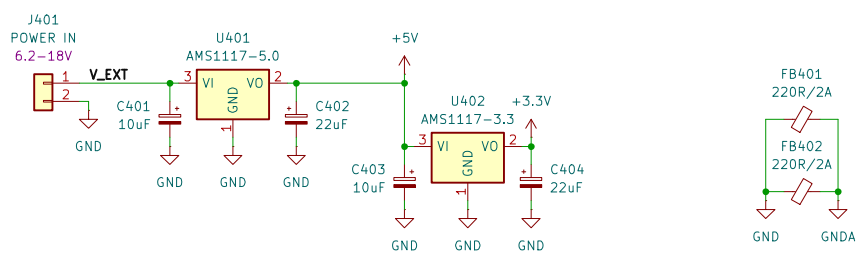
Size: A5  
KiCad E.D.A. 9.0.4

As configured:  
Analog Input (from DAC) = 4 V<sub>pp</sub>  
Gain = 0.747:  
f<sub>-3 dB</sub> = 53kHz:  
Output = 2 V<sub>RMS</sub>



Title: PCM3168APAP Analog Outputs

Rev: 0.1  
Id: 3/4



Sheet: /Power/  
File: power.kicad\_sch

**Title:**

Size: A4 Date: 2026-01-13

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**Rev: 0.1**

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