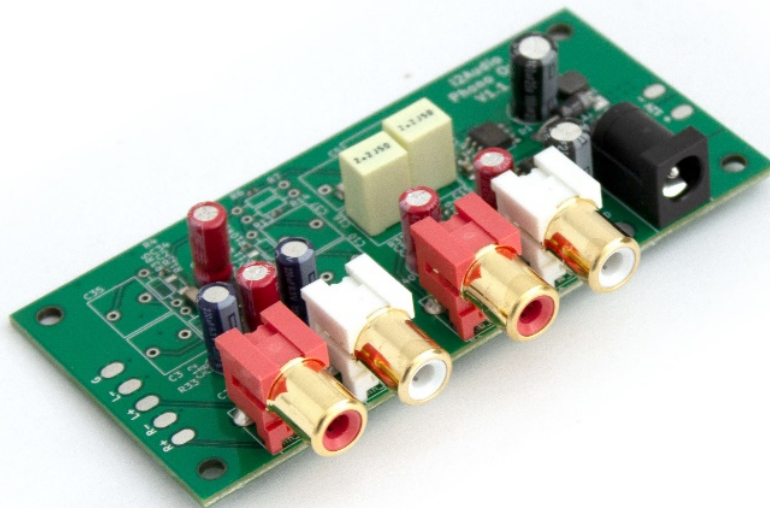


# DATASHEET PHONO ONE

## OVERVIEW

i2Audio's PhonoOne is a small, yet excellent sounding phono preamplifier for MM pick-ups. The design achieves a very low group delay distortion which results in a very natural replay of any kind of music. With its input impedance of  $47\text{k}\Omega/100\text{pF}$  and a fixed gain of 40dB it suits a wide variety of MM systems. Highly linear SMD foil capacitors and high performance integrated operational amplifiers guarantee low noise and distortion.

Only a 12V DC power supply with minimum 100mA current capability is required. The onboard power management generates a symmetrical, low noise supply with  $\pm 8.5\text{V}$  for the amplifier stages which is key for a well sounding preamplifier.



## FACTS

- Input impedance 47k $\Omega$ , 100pF
- THD < 0,005% @ 1kHz
- S/N > 78dB (a-weighted)
- Gain 40dB @ 1kHz
- Output voltage 500mV @ 5mV input, 1kHz
- RIAA deviation <0.5dB, 20Hz...20kHz
- Size 92 x 45mm<sup>2</sup>, height 14mm
- Input and output connections via gold-plated RCA connectors
- Additional solder pads for input, output and supply
- Single 12V supply, 5mm barrel jack
- Typical supply current ~50mA

## HARDWARE

