

**This is a 24bit/96KHz DAC DIY KIT which is fully assembled and tested. You only need to connect a DC supply +5VDC and --5VDC and it will produce a high definitive 24/96 audio signal to you .**

**It use famous Crystal chips : CS8415A as digital receiver and CS4340 as DAC which perform 24/96 digital to analog translation .**

**Specification of the Crystal chips :**

<http://www.cirrus.com/>

**It can use in CD and DVD . Comes with connection diagram. Size: 53mm (W) x 36.2mm (D).**

**Don't look this kits down ! If you can give it a good voltage regulator , it will sound GOOD. If you can give it a good amplification with solid state or tube state , or you give it an external clock , it will sound Hi END!**

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#### **DC specification of the 24/96 DAC kit :**

INPUT	DESCRIPTIONS
DC voltage	+/- 5V DC min.4.6V optimal 5V max.5.3V Temp. 20j°C
DC current	normal 25ma max.35ma Temp. 20j°C

#### **Electrical specification of the 24/96 DAC kit :**

FIGURE	DESCRIPTIONS
Input voltage	Coaxial: min.0.3Vp-p normal 0.5Vp-p max.2Vp-p
Signal/Noise Ratio	normal 88dB max.90Db 40kHz Lpf ON
Separation	Normal 90 dB 1kHz 1Vp-p
Dynamic range	96dB
Analog output	min.1Vp-p normal 1.5Vp-p max.2Vp-p Ro=600 ohm

### Connection guild (J3) of the 24/96 DAC kit :

PIN	DESCRIPTIONS
1 (SA)	Control pin : connect to+5V(coaxial output) ,connect to ground (optical output)
2 (LOUT)	Left analog output , impedance Ro=600 ohm
3 (AG)	Ground
4 (ROUT)	Right analog output , impedance Ro=600 ohm
5 (+5V)	DC input Vcc=+5V
6 AG	Ground
7 (-5V)	DC input Vcc=-5V