

Turntable phono stage & preamplifier

Part List

Part #	Value	Notes
C1 , C9	100 pF 63V or above	Polyester or Polypropylene (Preferred)
C2 , C10	4.7 nF 63V or above	Polyester or Polypropylene (Preferred)
C3 , C11	15 nF 63V or above	Polyester or Polypropylene (Preferred)
C4 , C6 , C12 , C14	0.47 uF 63V or above	Polyester or Polypropylene (Preferred)
C5 , C7 , C13 , C15	27 pF 63V or above	Mica capacitors (Preferred)
C8 , C16	4.7 uF 63V or above	Radial Electrolytic Capacitor
*C17 , C18	47 uF 50V or above	Radial Electrolytic Capacitor
R1 , R13	47K Ω 1/4 W	1% Tolerance
R2 , R14	16K Ω 1/4 W	1% Tolerance
R3 , R15	200K Ω 1/4 W	1% Tolerance
R4 , R16	150 Ω 1/4 W	1% Tolerance
R5 , R8 , R17 , R20	39K Ω 1/4 W	1% Tolerance
R6 , R9 , R18 , R21	100K Ω 1/4 W	1% Tolerance
R7 , R10 , R19 , R22	1K Ω 1/4 W	1% Tolerance
R11 , R23	Short with metal Jumper	
R12 , R24	Not in use	

Pitch between legs is 5mm (all capacitors and resistors)

* Please pay attention:

Capacitor C18 is upside down , please check page # 2

Recommended Op-Amp:

Analog Devices AD706 stereo Op-Amp 12-15V power supply

Texas Instruments OPA2227 stereo Op-Amp 16-18V power supply

* Please pay attention:
Capacitor C17 is upside down

