

[Parts list amplifier PCB]

Resistors - 1/4W 1% metal film unless specified otherwise

R1/R2/R29/R30 (4) = 2K2

R3/R4 (2) = 47K

R5/R6/R26/R27 (4) = 330R

R7/R12/R13/R14/R15/R18/R19/R24/R25/R28 (10) = 470R

R8/R9/R10/R11/R20/R21 (6) = 680R

R16/R17/R35/R50 (4) = 100R

R31/R46 (2) = 10R

R22 (1) = 47R

R23/R32/R33/R34/R47/R48/R49 (7) = 1K

R36/R37/R51/R52 (4) = 22R

R61/R62 (2) = 100K

R63/R64 (2) = 47K

R38-R45/R53-R60 (16) = 1R/2W/MOX - power resistor metal oxide 2W

P1 (1) = 10K - multiterm cermet trimmer

L1 (1) = 10uH inductor - axial type 5-20% tolerance

Capacitors

C1/C2/C5/C6/C10/C11 (6) = 33pF - COG or NPO - 5mm pitch

C3 (1) = 10nF PP - film capacitor, polypropylene or polyester - 5mm pitch

C4/C9 (2) = 1nF PP - film capacitor, polypropylene or polyester - 5mm pitch

C7/C8/C12/C13 (4) = 2.2pF - COG or NPO - 5mm pitch

C14/C15/C16/C17 (4) = 100uF/50V - 8/10mm diameter - 5mm pitch

C20/C21 (2) = 1uF/63V MKT - film capacitor, polyester - 5mm pitch

Diodes

D1/D2/D5/D8/D11/D12 (6) = 1N4148 - 100mA generic silicon diode

D3/D4/D6/D7 (4) = BAT85 - 200mA schottky diode

LD1/LD2/LD3/LD4 (4) = LED - green, 3mm, standard type

D9/D10 (2) = BZX79C12V - 12V zener - 500mW

U1 (1) = J511/J510 - 4.7/3.6mA CRD - either type will do

Transistors

T1/T2 (2) = BC550C (Hfe matched)

T3/T4/T9/T10/T11/T12/T13/T14/T18/T19/T21/T22/T25/T26/T27/T28/T29/T31/T33/T39
/T41/T43/T49/T50 (24) = BC547C

T5/T6/T7/T8/T15/T16/T17/T20/T23/T24/T30/T32/T34/T40/T42/T44 (16) = BC557C

T35/T45 (2) = BD139-16

T36/T46 (2) = BD140-16

T37/T47 (2) = 2SC2922

T38/T48 (2) = 2SA1216

Connectors

Faston printconnector 6.35-mm 5x

4-pole Molex 2.54-mm pitch 1x - standard 0.1" pitch header with plastic shroud
3-pole Molex 2.54-mm pitch 1x - standard 0.1" pitch header with plastic shroud