

# BioAmp v1

Ref	Qty	Value	Cmp name
C1,	1	4.7-100nf	C
C2, C7, C8,	3	47uf	CP
C3,	1	4.7nf	C
C4, C5, C6,	3	100nf	C
D1,	1	RED LED	LED
J1, J5, J6, J7,	4	Conn_01x02_Male	Conn_01x02_Male
J2,	1	PJ-3062-CO	PJ-3062-CO
J4,	1	Conn_01x03_Male	Conn_01x03_Male
R1, R2, R5, R6, R7, R8,	6	10k	R
R3, R4,	2	220k	R
R9, R10,	2	100k	R
R11,	1	1k	R
SW1,	1	G64_DPD_7x7x12mm	G64_DPD_7x7x12mm
U1,	1	TL074	TL074
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### Footprint

Capacitor\_THT:C\_Disc\_D3.8mm\_W2.6mm\_P2.50mm  
Capacitor\_THT:CP\_Radial\_D5.0mm\_P2.50mm  
Capacitor\_THT:C\_Disc\_D3.8mm\_W2.6mm\_P2.50mm  
Capacitor\_THT:C\_Disc\_D3.8mm\_W2.6mm\_P2.50mm  
LED\_THT:LED\_D5.0mm  
Connector\_PinHeader\_2.54mm:PinHeader\_1x02\_P2.54mm\_Vertical  
udlabs:PJ3062CO  
Connector\_PinHeader\_2.54mm:PinHeader\_1x03\_P2.54mm\_Vertical  
Resistor\_THT:R\_Axial\_DIN0207\_L6.3mm\_D2.5mm\_P7.62mm\_Horizontal  
Resistor\_THT:R\_Axial\_DIN0207\_L6.3mm\_D2.5mm\_P7.62mm\_Horizontal  
Resistor\_THT:R\_Axial\_DIN0207\_L6.3mm\_D2.5mm\_P7.62mm\_Horizontal  
Resistor\_THT:R\_Axial\_DIN0207\_L6.3mm\_D2.5mm\_P7.62mm\_Horizontal  
udlabs:G64\_DPDT\_7x7x12mm  
Package\_DIP:DIP-14\_W7.62mm\_Socket\_LongPads

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### Description

Unpolarized capacitor

Polarized capacitor

Unpolarized capacitor

Unpolarized capacitor

Light emitting diode

Generic connector, single row, 01x02, script generated (kicad-library-utils/schlib/autogen/connector/)

Audio & Video Connectors Female DIP RoHS

Generic connector, single row, 01x03, script generated (kicad-library-utils/schlib/autogen/connector/)

Resistor

Resistor

Resistor

Resistor

Quad Low-Noise JFET-Input Operational Amplifiers, DIP-14/SOIC-14

**Vendor**