

Video_Amp_BOM

Generator: /usr/share/kicad/plugins/bom_csv_grouped_by_value.py
 CompCount: 16

Individual Components: Video_Amp

Item	Qty	Reference(s)	Value	LibPart
		C1	1uF	Device:C
		C2	3p3 ceramic	Device:C
		C3	100nF	Device:C
		C4	100nF	Device:C
		C5	10uF	Device:CP
		C6	10uF	Device:CP
		J1	input	Connector:Conn_01x02_Male
		J2	output	Connector:Conn_01x02_Male
		J3	+5V	Connector:Conn_01x01_Male
		J4	-5V	Connector:Conn_01x01_Male
		J5	Gnd	Connector:Conn_01x01_Male
		R1	20k	Device:R
		R2	680R	Device:R
		R3	680R	Device:R
		R4	27R	Device:R
		U1	AD8055AN	Amplifier_Operational:AD8001AN

Collated Components:

Item	Qty	Reference(s)	Value	LibPart
	1	1 C1	1uF	Device:C
	2	1 C2	3p3 ceramic	Device:C
	3	1 C3	100nF	Device:C
	4	1 C4	100nF	Device:C
	5	2 C5, C6	10uF	Device:CP
	6	1 J1	input	Connector:Conn_01x02_Male
	7	1 J2	output	Connector:Conn_01x02_Male
	8	1 J3	+5V	Connector:Conn_01x01_Male
	9	1 J4	-5V	Connector:Conn_01x01_Male
	10	1 J5	Gnd	Connector:Conn_01x01_Male
	11	1 R1	20k	Device:R
	12	2 R2, R3	680R	Device:R
	13	1 R4	27R	Device:R
	14	1 U1	AD8055AN	Amplifier_Operational:AD8001AN

Video_Amp_BOM

Footprint

Capacitor_THT:C_Rect_L7.5mm_W6.5mm_P5.00mm
Capacitor_THT:C_Disc_D5.0mm_W2.5mm_P5.00mm
Capacitor_THT:C_Axial_L3.8mm_D2.6mm_P12.50mm_Horizontal
Capacitor_THT:C_Disc_D3.8mm_W2.6mm_P2.50mm
Capacitor_THT:CP_Radial_D6.3mm_P2.50mm
Capacitor_THT:CP_Radial_D6.3mm_P2.50mm
Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
Connector_PinHeader_2.54mm:PinHeader_1x01_P2.54mm_Vertical
Connector_PinHeader_2.54mm:PinHeader_1x01_P2.54mm_Vertical
Connector_PinHeader_2.54mm:PinHeader_1x01_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
Package_DIP:DIP-8_W7.62mm

Footprint

Capacitor_THT:C_Rect_L7.5mm_W6.5mm_P5.00mm
Capacitor_THT:C_Disc_D5.0mm_W2.5mm_P5.00mm
Capacitor_THT:C_Axial_L3.8mm_D2.6mm_P12.50mm_Horizontal
Capacitor_THT:C_Disc_D3.8mm_W2.6mm_P2.50mm
Capacitor_THT:CP_Radial_D6.3mm_P2.50mm
Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
Connector_PinHeader_2.54mm:PinHeader_1x01_P2.54mm_Vertical
Connector_PinHeader_2.54mm:PinHeader_1x01_P2.54mm_Vertical
Connector_PinHeader_2.54mm:PinHeader_1x01_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
Package_DIP:DIP-8_W7.62mm