

V3 PER CHANNEL

Front End
P-Channel Board
N-Channel Board
P-Channel Board 2
N-Channel Board 2

Qty	Reference Designator	Value	Type	Mouser P/No	Notes
3	R1, R5, R6	1K	0.5W Metal Film	273-1K-RC	
1	R2, R26	47K5	0.5W Metal Film	273-47.5K-RC	
2	R3, R4	10R	3W Wirewound	71-RW69V100	Spacings available: 5.08mm (TO-220), 9mm, 11mm, 19.1mm, 25mm
4	R7-R10	220R	3W Wirewound	71-RW69V221	Spacings available: 5.08mm (TO-220), 9mm, 11mm, 19.1mm, 25mm
1	R11	2K2	0.5W Metal Film	273-2.2K-RC	
1	R12	2K2	0.5W Metal Film	273-2.2K-RC	
2	R13, R14	47R5	0.5W Metal Film	273-47.5-RC	
2	R15, R16	47R5	0.5W Metal Film	273-47.5-RC	
4	R17 - R20	1R	3W Wirewound	71-RW79U1R00F	Spacings available: 5.08mm (TO-220), 9mm, 11mm, 19.1mm, 25mm
4	R21 - R24	1R	3W Wirewound	71-RW79U1R00F	Spacings available: 5.08mm (TO-220), 9mm, 11mm, 19.1mm, 25mm
1	R11	2K2	0.5W Metal Film	273-2.2K-RC	
1	R12	2K2	0.5W Metal Film	273-2.2K-RC	
2	R13, R14	47R5	0.5W Metal Film	273-47.5-RC	
2	R15, R16	47R5	0.5W Metal Film	273-47.5-RC	
4	R17 - R20	1R	3W Wirewound	71-RW79U1R00F	Spacings available: 5.08mm (TO-220), 9mm, 11mm, 19.1mm, 25mm
4	R21 - R24	1R	3W Wirewound	71-RW79U1R00F	Spacings available: 5.08mm (TO-220), 9mm, 11mm, 19.1mm, 25mm
1	R25	10K	0.5W Metal Film	273-10K-RC	
2	R27, R28	4K75	0.5W Metal Film	273-4.75K-RC	
2	R29, R30	475R	0.5W Metal Film	273-475-RC	
2	P1, P2	5K	Bourns 3296W	652-3296W-1-502LF	
1	P3	200R	Bourns 3296W	652-3296W-1-201LF	
4	C1, C2, C5, C6	10uF 100V	Radial Aluminium Electrolytic	647-UVP2A100MPD	
1	C1x	10uF 100V	Radial Aluminium Electrolytic	647-UVP2A100MPD	
1	C2x	10uF 100V	Radial Aluminium Electrolytic	647-UVP2A100MPD	
1	C3	1nF 63V	Polyester Film	871-B32529C102J	
1	C4	1nF 63V	Polyester Film	871-B32529C102J	
2	D1, D2	MUR3020W	Dual 200V 30A Common Cathode	844-MUR3020WTPBF	
2	D3, D4	MUR3020W	Dual 200V 30A Common Cathode	844-MUR3020WTPBF	
1	TH1	4K7	Thermistor 4K7 2% Radial 500mW	594-NTCLE100E3472GBO	
1	TH2	4K7	Thermistor 4K7 2% Radial 500mW	594-NTCLE100E3472GBO	
1	C1x	10uF 100V	Radial Aluminium Electrolytic	647-UVP2A100MPD	
1	C2x	10uF 100V	Radial Aluminium Electrolytic	647-UVP2A100MPD	

1 C3	1nF 63V	Polyester Film	871-B32529C102J
1 C4	1nF 63V	Polyester Film	871-B32529C102J
2 D1, D2	MUR3020W	Dual 200V 30A Common Cathode	844-MUR3020WTPBF
2 D3, D4	MUR3020W	Dual 200V 30A Common Cathode	844-MUR3020WTPBF
1 TH1	4K7	Thermistor 4K7 2% Radial 500mW	594-NTCLE100E3472GB0
1 TH2	4K7	Thermistor 4K7 2% Radial 500mW	594-NTCLE100E3472GB0
2 Q1, Q1.1	2SK170	N Channel JFET	diyAudio store LSK170
2 Q2, Q2.1	2SJ74	P Channel JFET	diyAudio store LSJ74
2 Q3, Q4	FQA12P20	P Channel MOSFET	
2 Q5, Q6	FQA19N20	N Channel MOSFET	
2 Q3, Q4	FQA12P20	P Channel MOSFET	
2 Q5, Q6	FQA19N20	N Channel MOSFET	
1 Q7	2SC4793	BJT NPN 230V 1A	757-2SC4793(F,M)
1 Q8	2SA1837	BJT PNP 230V 1A	757-2SA1837(F,M)
4 TP1 - TP4	Test Points	Keystone Compact Test Points	534-5006
3 TP1 - TP3	Test Points	Keystone Compact Test Points	534-5006
3 TP1 - TP3	Test Points	Keystone Compact Test Points	534-5006
3 TP1 - TP3	Test Points	Keystone Compact Test Points	534-5006
3 TP1 - TP3	Test Points	Keystone Compact Test Points	534-5006

2 N/A

Boards

diyAudio Board Set(s)

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