

strangelove audio - 20120 B77 Balanced IO - Bill of materials

Reference		Description	Footprint
C1	100n	X7R 50V	d5 w2.5 p5
C2	100n	X7R 50V	d5 w2.5 p5
C3	100n	X7R 50V	d5 w2.5 p5
C4	100n	X7R 50V	d5 w2.5 p5
C5	100n	X7R 50V	d5 w2.5 p5
C6	100n	X7R 50V	d5 w2.5 p5
C7	100u	35VDC	d8 p3.5
C8	100u	35VDC	d8 p3.5
C9	100u	35VDC	d8 p3.5
C10	100u	35VDC	d8 p3.5
C11	47u	25VDC	d5 p2
C12	100u	35VDC	d8 p3.5
C13	100u	35VDC	d8 p3.5
C14	47u	25VDC	d5 p2
Cx01	100p	C0G	d5 w2.5 p5
Cx02	100p	C0G	d5 w2.5 p5
Cx03	22u	25VDC	d5 p2
Cx04	22u	25VDC	d5 p2
Cx05	47p	C0G	d5 w2.5 p5
Cx06	22u	25VDC	d5 p2
Cx07	22u	25VDC	d5 p2
Cx08	100u	25VDC	d6.3 p2.5
Cx09	100u	25VDC	d5 p2
Cx10	100p	C0G	d5 w2.5 p5
Cx11	100p	C0G	d5 w2.5 p5
D1	BZX85C33	33V 1.3W zener	DO-41
D2	BZX85C33	33V 1.3W zener	DO-41
Dx01	1N4003	Rectifier diode	DO-41
Dx02	1N4003	Rectifier diode	DO-41
Dx03	1N4003	Rectifier diode	DO-41
Dx04	1N4003	Rectifier diode	DO-41
F1	MF-R005	50mA resettable fuse	D8 W5 P5
Jx01	NJ6FD-V	Audio TRS jack	
Jx02	NJ6FD-V	Audio TRS jack	
P1	KK 2.54 2 pin	Molex male straight connector	
P2.1	KK 2.54 4 pin	Molex male straight connector	
P2.2	KK 2.54 5 pin	Molex male straight connector	
P3	Wire to enclosure		
Q1	BC547C	NPN High HFE	TO-92 EBC
Q2	BC547C	NPN High HFE	TO-92 EBC
Q3	BC547C	NPN High HFE	TO-92 EBC
R1	1K	1/8W 1% film	I3.6 d1.6
R2	3K	1/8W 1% film	I3.6 d1.6
R3	30Ω	1/8W 1% film	I3.6 d1.6
R4	47K	1/8W 1% film	I3.6 d1.6
R5	47K	1/8W 1% film	I3.6 d1.6
R6	1K	1/8W 1% film	I3.6 d1.6
R7	10Ω	1/8W 1% film	I3.6 d1.6
R8	47K	1/8W 1% film	I3.6 d1.6
R9	47K	1/8W 1% film	I3.6 d1.6
Rx01	3K	1/8W 0.1% film	I3.6 d1.6
Rx02	3K	1/8W 0.1% film	I3.6 d1.6

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Rx03	10K	1/8W 0.1% film	I3.6 d1.6
Rx04	10K	1/8W 0.1% film	I3.6 d1.6
Rx05	10K	1/8W 0.1% film	I3.6 d1.6
Rx06	10K	1/8W 0.1% film	I3.6 d1.6
Rx07	10K	1/8W 0.1% film	I3.6 d1.6
Rx08	10K	1/8W 0.1% film	I3.6 d1.6
Rx09	10K	1/8W 0.1% film	I3.6 d1.6
Rx10	30Ω	1/8W 1% film	I3.6 d1.6
Rx11	47K	1/8W 1% film	I3.6 d1.6
Rx12	220Ω	1/8W 1% film	I3.6 d1.6
Rx13	10K	1/8W 0.1% film	I3.6 d1.6
Rx14	10K	1/8W 0.1% film	I3.6 d1.6
Rx15	47K	1/8W 1% film	I3.6 d1.6
Rx16	47K	1/8W 1% film	I3.6 d1.6
Rx17	1M	1/8W 1% film	I3.6 d1.6
RV1	4.7K	PT10LV10-472A2020-PM-S	
RV2	4.7K	PT10LV10-472A2020-PM-S	
SW1	4 pole DIP Switch		*
U1	MC33078	Dual opamp	DIP-8
U2	MC33078	Dual opamp	DIP-8
U3	MC33078	Dual opamp	DIP-8
U4	MC33078	Dual opamp	DIP-8
U5	THAT1646	Balanced line driver	DIP-8
U6	THAT1646	Balanced line driver	DIP-8