

AVENSON AUDIO						
MN-50 Smash Compressor BOM						
Qty	Value	Device	Part	Description	Mouser	V
1	Molex 8P	Molex 8P	CON1	Molex Dual 8P Pins	538-10-89-7082	
2	High, Low	Molex 2P	High, Low	2P Header Gold	571-5-146280-2	
1	Shunt	Shunt 2P		2P Shunt	806-SX1100-B	
4	.125"	Keystone 8879	Standoffs	Keystone .125" standoff	534-8879	
1	2V Zener	ZENER DIODE	D3	ZENER DIODE	610-1N4615	
2	1N4148	DIODE	D1,D2	DIODE	512-1N4148	
1	78L09	VOLTAGE REG	VR1	VOLTAGE REG. +9V	595-UA78L09ACLPR	
1	J202	JFET N-Ch	Q1	JFET N-Ch	106-J202	
1	NJM4558DD	OPAMP DIP-8	IC2	Dual High Gain Op Amp	513-NJM4558DD	
1	TL072	OPAMP DIP-8	IC1	Dual Op Amp Low Noise	595-TL072IP	
2	IC Socket	IC Socket	IC1,IC2	Op Amp	571-2-1571552-2	
1	220	R-US_0207	R18	RESISTOR	271-220-RC	
1	1.3k	R-US_0207	R11	RESISTOR	271-1.3K-RC	
1	1.5k	R-US_0207	R6	RESISTOR	271-1.5K-RC	
1	2k	R-US_0207	R2	RESISTOR	271-2K-RC	
2	3.6k	R-US_0207	R3,R19	RESISTOR	271-3.6K-RC	
1	4.7k	R-US_0207	R12	RESISTOR	271-4.7K-RC	
1	6.8k	R-US_0207	R15	RESISTOR	271-6.8K-RC	
1	7.5k	R-US_0207	R24	RESISTOR	271-7.5K-RC	
1	8.2k	R-US_0207	R1	RESISTOR	271-8.2K-RC	
1	10k	R-US_0207	R17	RESISTOR	271-10K-RC	
1	12k	R-US_0207	R23	RESISTOR	271-12K-RC	
1	16k	R-US_0207	R5	RESISTOR	271-16K-RC	
1	20k	R-US_0207	R4	RESISTOR	271-20K-RC	
1	22k	R-US_0207	R10	RESISTOR	271-22K-RC	
3	47k	R-US_0207	R13,R14,R31	RESISTOR	271-47K-RC	
1	75k	R-US_0207	R25	RESISTOR	271-75K-RC	
2	100k	R-US_0207	R21,R22	RESISTOR	271-100K-RC	
2	220k	R-US_0207	R8, RG	RESISTOR	271-220K-RC	
2	1M	R-US_0207	R16, RB	RESISTOR	271-1.0M-RC	
2	2.2M	R-US_0207	R7,R9	RESISTOR	271-2.2M-RC	
1	10kB	3306F-1-103	TR1	TRIMMER	652-3306F-1-103	
1	500kA	RV09AF-40	RELEASE	POTENTIOMETER	RV09AF-40-20K-A500K	
2	0.01uF	C025-025X050	C16,C17	MLCC CAPACITOR	581-SR155C103KAATR1	50
1	0.047uF	C025-025X050	C7	MLCC CAPACITOR	810-FG18X7R1H473KNT6	50
3	0.1uF	C025-025X050	C12,C22,C23	MLCC CAPACITOR	581-SR211C104KARTR1	50
1	0.33uF	C025-025X050	C11	MLCC CAPACITOR	810-FK14X7R1H334K	50
1	2.2uF	CPOL-EUE1.8-4	C5	ALUMINUM EL. CAPACITOR	647-UST1H2R2MDD	50
3	4.7uF	CPOL-EUE2-5	C3,C6,C13	ALUMINUM EL. CAPACITOR	647-UPW1E4R7MDD	25
2	10uF	CPOL-EUE2-5	C14,C20	ALUMINUM EL. CAPACITOR	667-ECA-1CM100	16
1	10uF	CPOL-EUE2-5	C15	ALUMINUM EL. CAPACITOR	647-UVZ1H100MDD1TD	50
2	22uF	CPOL-EUE2-5	C4,C10	ALUMINUM EL. CAPACITOR	647-UVZ1E220MDD1TD	25
2	100uF	CPOL-EUE2-5	C8,C9	ALUMINUM EL. CAPACITOR	647-UVY1E101MDD	25