

BOM For Non-Inverting LM 3886 Power Amp Version IV

Sr. No.	Component	Location	Value	Quantity	Make	Price ₹	Total	Remarks
1	Capacitor	C1	2.2µf or 4.7µf/100v MKT	1	Vishay	20.00	20.00	
2	Capacitor	C2,C4	2200µf/63V Low ESR	2	Daewoo	30.00	60.00	
3	Capacitor	C3,C5,Cz	100nf/100V MKT	3		3.00	9.00	
4	Capacitor	C6	3.3µf/100V MKT	1		20.00	20.00	
5	Capacitor	C7, C8	3.3nf/100V MKT	2		3.00	6.00	
6	Capacitor	Cs	300pf/100V MKT	1		1.00	1.00	
7	Resistor	Ri	330Ω/ 0.5w 5%	1		1.00	1.00	
8	Resistor	R1	15KΩ/ 0.5w 5%	1		1.00	1.00	
9	Resistor	RM	10KΩ/ 0.5w 5%	1		1.00	1.00	
10	Resistor	R2	100Ω/ 0.5w 5%	1		1.00	1.00	
11	Resistor	R3	2KΩ/ 0.5w 5%	1		1.00	1.00	or you can use 3.3K for X33 Gain
12	Resistor	R4,R5	0.1Ω/ 1w 5%	2		1.00	2.00	
13	Resistor	Rz	2.7Ω/ 3w 5%	1	PEC	8.00	8.00	
14	IC		LM 3886	1		200.00	200.00	

Total ₹ 331.00

BOM For Hi-Cap Unregulated Power Supply Snubbrised PSU MK IV SE REV.03

15	Transformer	T1	25-0-25, 250 VA	1	Genius Electronics Pvt Ltd.	900.00	900.00	
16	Diode	D1~D8	MUR 860	8	MCC	15.00	120.00	
17	Resistor	R1,R2	2.2KΩ/ 2w 5%	2	Phillips	3.00	6.00	
18	Resistor	R3, R4	1Ω/ 10w 5%	2	Velohm	10.00	20.00	
19	Resistor	R5,R6	0.47Ω/ 1w 5%	2	Phillips	1.00	2.00	
20	Capacitor	C1,C2	4700µf/63V	2	Nichicon	40.00	80.00	
21	Capacitor	C3,C4,C5,C6,	10000µf/63V	4	Elna	125.00	500.00	
22	Capacitor	C7, C8	100nf/100V MKT	2		3.00	6.00	
23	Capacitor	C9,C10	1.5nf/100v MKT	2		3.00	6.00	

Total ₹ 1640.00