

VC MIXER CHANNEL (PARTS FOR SINGLE CHANNEL)

BOM FOR SINGLE DUAL CHANNEL PCB

Capacitors

4	22p	C0805 SMT	
3	100p		
1	1n		
1	10n		
18	100n		
2	47uf (50v aprox)	Electrolytic – through hole	
1	10uf-22uf (50v aprox)	Bipolar Electrolytic – through hole	

Resistors

3	51R	R805 SMT	(instal only when using coolaudio 2162 chip)
2	100R		
2	300R		
1	1K		
1	1K5		
1	2K2		
1	3k3		
3	6k8		
2	9k1		
3	10K		
8	20K		
1	22K		
1	33K		
6	43K		
1	51k		
3	86K		
9	100K		
1	110K		
1	1 MEG		
2	Ferrite bead	through hole	

Trimmers

1	5K	TRIMMER through hole	
1	20K		
1	500R		

ICs and Silicon

2	THAT 2162	THAT or CoolAudio	(2 for a single channel board – 3 for a dual)
1	TL074	SOIC 14	
4	TL072	SOIC 8	(4 when using output op amp)
1	BC847A	SOT23	
9	DIODE	SOD80C	
2	LM4040 5v	TO-92	

Potentiometers

4	50 or 100k Linear		
1	dual gang 100k Linear		

Banana Jack

2	Blue		
1	Black		