

## RES 11 - Triple WAVE-SHAPER V1.0 - Parts List - July 2009

Q	Part	Substitute	Note
Resistors			
	<i>version:</i>	<b>1973</b>	<b>WEB</b>
3	R220	install	link
3	R330	link	install
6	22k		
3	220k		
9	1M5		
1	2M2		
3	3M3	omit	install
3	25k		A, E, I TRIM
3	25k	omit	install
			A, E, I OFFS
Capacitors			
3	100pF		cer.
3	47n		<i>one is not marked</i>
3	100n		MKT or MKS
3	470n		MKT or MKS
Semi's			
1	LM3900		<i>MC3401</i>
12	1N914		<i>1N4148 or similar</i>
Misc.			
1	14-pin IC sockets		optional
1	Header 0.100 - 4-pin		power connection
12	sockets		for Wave-Shaper only (no AC outs)
3	pots 25k Lin + knobs		
1	DPDT Toggle Switch		
1	RES11 v1.0 PCB		
Notes			
2 bridges + 3 links (1973 version), or 4 links (Web version)			

## Optional Dual Audio Mixers

Q	Part	Note
2	R220	
2	22k	
12	100k	pref. 1% tol.
2	10n	MKT or MKS
2	470n	MKT or MKS
2	741	8-Pin DIL
2	8-Pin IC sockets	
10	sockets (4 in - 1 out)	
8	pots + knobs	
2 bridges !		
Outputs of mixers are inverted !		

## Optional Modulator

Q	Part	Note
1	R220	
2	100k	
1	1M0	
1	150pF	
2	470pF	
3	sockets (2 in - 1 out)	