

## 3-pole Voltage Controlled Filter Parts List (Rev.A)

Copyright © 2008 Neil Johnson  
[www.njohnson.co.uk](http://www.njohnson.co.uk)

### CAPACITORS

C1,C9	2	(DNF)	
C10,C13,C14,C25	4	22p	Ceramic, 2.5mm pitch
C2	1	100n	Wima MKS2 Polyester
C3,C4,C5	3	220p	Wima FKP2 Polypropylene
C6,C7,C8,C11	4	560p	Ceramic, 2.5mm pitch
C12	1	220p	Ceramic, 5mm pitch
C15,C26	2	10u,25V	Radial electrolytic, 2mm pitch
C16,C27	2	100n	Ceramic, 5mm pitch
C17,C18,C19,C20,C21,C22, C23,C24	8	10n	Ceramic, 5mm pitch

### RESISTORS (all 0.25W 1% Metal Film)

R1,R2,R3,R14,R15,R17, R18,R19,R28,R30,R34,R35, R39,R40	14	100k	
R4,R5,R6,R13,R22,R24,R26, R27	8	33k	
R7,R8,R9,R16,R20,R29	6	510	
R10	1	3k3	
R11,R23	2	330k	
R12	1	470k	
R21,R31,R33	3	10k	
R38	1	(DNF)	
R25	1	180k	
R32,R36,R41	3	100	
R37,R42	2	22	

### POTS, TRIMMERS

RV1,RV2	2	10k	Enclosed trimmer
---------	---	-----	------------------

### SEMICONDUCTORS

D1,D2,D6	3	BZX55C2V7	
D3,D4,D5,D7	4	1N4148	
IC1,IC3,IC4,IC6,IC7	5	TL072P	
IC2	1	SSM2164P	
IC5	1	TL082P	

### MISCELLANEOUS

CON1,CON2	2	HE14 2X4 header	(optional)
CON3	1	0.156" 4-pin header	