

State Variable Filter

8th December 2003

Value	Location	Part Number	Description	Supplier
100k	R16,20,19,24,22,8	62-0964	MR25 0.25W 1%	Rapid
10k	R28,27,25,30,7,10	62-0897	"	"
120k	R18	62-0972	"	"
150k	R6,4,5,1	62-0974	"	"
1k	R35,33,34,32	62-0824	"	"
1k	R3		+3000ppm/K	Oakley
1M	R26,29	62-1012	MR25 0.25W 1%	Rapid
220k	R15	62-0984	"	"
27k	R13	62-0927	"	"
33k	R2	62-0934	"	"
47k	R21,23,31	62-0942	"	"
470k	R11,12	62-0997	"	"
62k	R9,14,17	62-0949	"	"
100n	C2,3,9,7,8	10-3220	Polyester DMP5	Rapid
1n	C4,10	10-3200	"	"
22u	C11,6,5,1	11-0230	25V Radial Electrolytic	"
1N4148	D1,2,3,4	47-3308	Signal Diode	Rapid
7V5	D5	47-3022	400mW Zener Diode	"
BC549B	Q1	81-0068	NPN GP Transistor	"
BC558B	Q3,4	81-0072	PNP GP Transistor	"
CA3280	U1		Dual OTA	Oakley
TL072	U2,3,4	82-0050	Dual Low Noise Opamp	Rapid
100k	OFF1,OFF2	67-0245	Horizontal Trimmer	Rapid
100k	TUNE	68-0345	3296W Multiturn Trimmer	"
20k	V/OCT	68-0335	"	"
10kA	RESONANCE		Omeg Pot Linear	Oakley
47kA	CV2-DEPTH, CV1-DEPTH,FREQUENCY		Omeg Pot Linear	"
Pot Brackets	4 off		"	"
Ferrite	L1,2	26-4860	Leaded Ferrite Bead	Rapid
4 Way Header	1 off	22-2600	0.156" Straight Pin Header	"
8 pin	3 off	22-0400	Low Pro Turned Pin IC Socket	"
16 Pin	1 off	22-0410	"	"
Jack Socket	10 off	20-1430	Switchcraft 112APC	"
Knobs	7 off	32-0510	Sifam Soft touch collet 21mm	"
Caps	7 off	225-984	21mm C211 Lined Black	RS
Wire	Interconnect	01-0105	20m Stranded Pack	Rapid
Front Panel		svf.fpd		Schaeffer