

VCO Mk2 PARTS LIST

23rd March 2003

Value	Location	Part Number	Description	Supplier
100k	R35,14,13,33,26,47,51,34	62-0964	MR25 0.25W 1%	Rapid
100R	R11	62-0762	"	"
10k	R16,56,57,65,23,4,60,10,50,52	62-0897	"	"
10M	R32		Odd Parts Kit	Oakley
11k	R44	62-0902	MR25 0.25W 1%	Rapid
150k	R54	62-0974	"	"
180k	R29	62-0977	"	"
18k	R68	62-0914	"	"
1k	R20,59,66,63,67,42,61,1	62-0824	"	"
1k +3500ppm/K	R28		Odd Parts Kit	Oakley
22k	R70,48,49,12,6,3	62-0922	MR25 0.25W 1%	Rapid
22R	R55,37,38,31,53,45	62-0724	"	"
270k	R46	62-0987	"	"
2k	R21	62-0844	"	"
2k2	R5,19	62-0847	"	"
2M2	R39	62-7632	MRS25 0.6W 1%	"
390k	R36	62-0994	MR25 0.25W 1%	"
390R	R8,9	62-0794	"	"
39k	R43,30	62-0937	"	"
47k	R7,24	62-0942	"	"
470k	R59	62-0997	"	"
56k	R27	62-0947	"	"
5k1	R62	62-0864	"	"
5k6	R58	62-0867	"	"
62k	R69	62-0949	"	"
680k	R2,41,17	62-1004	"	"
68k	R40	62-0952	"	"
6k2	R25,18	62-0872	"	"
750k	R71	62-1005	"	"
8k2	R64	62-0882	"	"
100n	C4,15,2,25,24	10-3220	Polyester DMP5	Rapid
100p	C13	08-1232	683 Ceramic	"
100p	C16	116-206	EXFS Series	RS
10u	C3	11-0220	25V Radial Electrolytic	Rapid
18p	C12	08-1216	683 Ceramic	"
1n	C8	10-3200	Polyester DMP5	"
1n	C17	116-262	EXFS Series	RS
220p	C11	08-1240	683 Ceramic	Rapid
22u	C21,14,19,7,5,9,18,23,22,26,1	11-0230	25V Radial Electrolytic	"
2u2	C20	11-0210	63V Radial Electrolytic	"
470p	C27,10	08-1246	683 Ceramic	"
1N4148	D1,2	47-3308	Signal Diode	Rapid
BAT42	D3	47-3102	"	"
BC549B	Q3,2,4	81-0068	Transistor	"
J112	Q1	290-8394	J-FET	RS
LM1458	U9	82-0568	Dual general Purpose Op-Amp	Rapid
CA3080E	U2	82-0682	Transconductance Amplifier	"
LM393	U5	82-0272	Dual Comparator	"
LM723	U3	47-3336	Adjustable Voltage regulator	"
LT1013CN8	U7,1	82-0492	Dual Low Power Precision Opamp	"
SSM2210P	U4		Matched NPN Pair	Oakley
TL074U8	U6	82-0054	Quad Low Noise Opamp	Rapid
TL081	U8	82-0062	FET Op-Amp	"
100k	TUNE	68-0345	3296W 22 Turn Trimmer	Rapid
10k	V/OCT,HFT	68-0330	"	"
1k	TRI	67-0215	PNZ10Z Trimmer	"
1k	PSU	68-0636	63M Cermet Trimmer	"
47k	SHAPE,SYN-S, SYM-T	67-0240	PNZ10Z Trimmer	"
47kA	COURSE,FINE,PW,EXP-FM,LIN-FM		OMEG	Oakley
"	PWM DEPTH,SYNC DEPTH		"	"
Pot Brackets			"	"
Ferrite	L1,2	26-4860	Leaded Ferrite Bead	Rapid
4 Way Header	1 off	22-2600	0.156" Straight Pin Header	"
Switch	TRI/SAW	75-0030	SPST Toggle	"
8 pin	7 off	22-0400	Low Pro Turned Pin IC Socket	"

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14 Pin	2 off	22-0405	"	"
Jack Socket	9 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		vco-panel.fpd		Schaeffer