

Zlob DUAL VCO BOM

Qty	Value	Device	Package	Parts
8	0.1uf	CAPACITOR	C4,C5,C8,C9	(mouser#:594-K104K15X7RF53L2)
2	0.01uf	C5/3	Wima Polyprop	(mouser#:505-MKP2F021001BJI00)
2	100pf	CAPACITOR	CAP/.15X.08	C1, C6 (mouser#:594-K101J15C0GF53L2)
2	10uf	CAPACITOR-POL5MMX2MM	CAP/5MMX2MM	C11, C12 (mouser#:647-USR1E100MDD)
2	1nf	CAPACITOR	CAP/.15X.08	C13, C14 (mouser#:594-K102K15X7RH53L2)
2	4.7uf	CAPACITOR-POL5MMX2MM	CAP/5MMX2MM	C2, C7 (mouser#:647-USR1V4R7MDD)
8	1k	RESISTOR.1	(1/4watt %1)(all resistors from tayda or mouser)	
10	100k	RESISTOR.1	RES-VERT-.1	R1, R21, R22, R23, R43, R45
6	20k	RESISTOR.1	RES-VERT-.1	R39, R48
4	12k	RESISTOR.1	RES-VERT-.1	R5, R6, R26, R27
4	24k	RESISTOR.1	RES-VERT-.1	R12, R13, R33, R34
4	2k	RESISTOR.1	RES-VERT-.1	R16, R17, R37, R38
4	10k	RESISTOR.1	RES-VERT-.1	R2, R9, R30
2	1.5M	RESISTOR.1	RES-VERT-.1	R49, R56
2	11k	RESISTOR.1	RES-VERT-.1	R7, R28
2	120k	RESISTOR.1	RES-VERT-.1	R4, R25
2	1M	RESISTOR.1	RES-VERT-.1	R31, R50
2	3.3k	RESISTOR.1	RES-VERT-.1	R52, R53
2	30k	RESISTOR.1	RES-VERT-.1	R8, R29
2	470R	RESISTOR.1	RES-VERT-.1	R11, R32
2	470k	RESISTOR.1	RES-VERT-.1	R10, R55
2	5.6k	RESISTOR.1	RES-VERT-.1	R14, R35
2	75k	RESISTOR.1	RES-VERT-.1	R18, R47 (20k if using my red leds)
1	L1	RESISTOR.1	RES-VERT-.1	R44 (20k if using my red leds)
1	L2	RESISTOR.1	RES-VERT-.1	R46
2	2k	thermistor(Akaneohm 2k tempco thermistor, 3300ppm, 1/6w)from synth cube, modular addict, thonk)		
2	8038	8038	DIP14	(eBay, seller gc_supermarket)
2	lf412	OPAMP/DUALDIP	8-DIP	(mouser#: 595-LF412CP)
1	tl072	OPAMP/DUALDIP	8-DIP	(mouser)
1	tl074	OPAMP/QUAD	14-PDIP	(mouser)
2	2N3904	NPN transistor		(mouser, tayda)
2	1N4001	VERTDIODE		(tayda)
2	1N4148	VERTDIODESMALL		(tayda)
2	3mm	led		(tayda)
2	100R	3296-W trim(25 turn trimmers, eBay, mouser, thonk)		
2	100k	3296-W trim		
2	100k	6mm top adjust trim(tayda)		
4	b100k	song huei(tall trim pots, from me, erthenvar,thonk)		
8		qingpu jacks	(thonkiconn style, from me, erthenvar,thonk)	
2		switches	dailywell sub-mini spdt on-on (eBay, thonk)	
3		8pin DIP sockets		
3		14pin DIP sockets		
2		JMP/7P/SIP	right angle male headers (tayda)	
1		JMP/6P/SIP	right angle male headers (tayda)	
2		5 pin/SIP	straight male header(tayda)	