

## VOLTAGE CONTROLLED TIMER BOM

Quad Op Amp	2	TL074
Dual Op Amp	1	TL072
Dual FF	1	CD4013
Matched Pair	1	LM394 or equiv.
Transistor	9	BC547
Diode	6	1N914 or similar
Schottly Diode	1	
Zener Diode	2	USER (5.6v)
Zener Diode	3	10 volt
Poly Capacitor	1	10n
	5	1n
Ceramic Cap	1	100pfd
Ceramic Bypass	7	100n Bypass
Electrolytic Cap	2	10-47ufd
Trimmer	1	25K multi-turn
Tempco	1	1K TEMPCO resistor
RESISTORS	1	330R
	15	1K
	2	1K5
	7	10K
	4	22K
	1	56K
	1	68K
	1	82K
	1	91K
	18	100K
	1	220k
	1	470K
	1	820K
	2	1meg
	1	1m5
	2	4m7
	1	20MEG
	2	RLED (1K5 for red LED)
Ferrite Beads	2	FERRITE BEAD
Switch	2	DPDT Center OFF
	1	SPDT Center OFF
Potentiometer	4	50K-100k Linear Taper
Bannana Jacks	8	Blue
	2	Red
LED	2	user selected color
connectors	11	.1" 3 pin connectors
	1	.156 4 pin connector