

YOWLER BOM

Part	VALUE	Number
BAT1	9v batery clip	1
C1	100uf POLARIZED CAPACITOR	1
C2-C6	0.1uf	5
C7	4.7uf POLARIZED CAPACITOR < 50v	1
C8	4.7uf POLARIZED CAPACITOR (ELECTROLITIC) <50v	1
C9	47uf Capacitor Polarized <50v	1
CN1	2.0mm DC Barrel Jack	1
D1	1n4001	1
D2-D3	1N4148	2
Dip14	14 pin ic socket	2
IC1	40106N Hex SCHMITT TRIGGER	1
IC2	4070N Quad 2-input XOR	1
LED1-LED2	LED3MM "yellow"	2
OPH1-OPH4	VT90N1 100k LDR	4
R1,R5	330ohm 1/4w	2
R2-R4 & R6	10kohm 1/4w	4
R7	100ohm 1/4w	1
RV1-RV5	100k POT "ALPS_POT"	4
RV5	10k log	1
S1	SWITCH-MOMENTARY-12MM	1
SP1	SPEAKER PCB_MOUNT COM-11089	1
SW1	SW_DIP-6	1
SW2	SW_DIP-4	1
T1	2N3904 "NPN TRANSISTOR"	1
U1	9v V_REG 7809	1
X1-X2	STEREOJACK STX3100	2
OPTINAL:		
KNOBS		4
BOLTS for case	12mm M3	5
NUTS for case	M3	5

LINK

<http://www.altronics.com.au/p/s5048-9v-battery-holder-pcb-mount/>

<http://www.taydaelectronics.com/dc-power-jack-2-1mm-barrel-type-pcb-mount>

<https://www.taydaelectronics.com/1n4001-diode-1a-50v.html>

<https://www.taydaelectronics.com/1n4148-switching-signal-diode.html>

<https://www.taydaelectronics.com/14-pin-dip-ic-socket-adaptor-solder-type.html>

<https://www.taydaelectronics.com/cd40106-cd40106be-40106-hex-schmitt-trigger>

<https://www.taydaelectronics.com/cd4070-cd4070be-4070-quad-exclusive-or-gate>

<https://www.taydaelectronics.com/led-3mm-yellow.html>

<http://www.taydaelectronics.com/photo-conductive-cell-resistor-ldr-650nm-radiation>

<https://www.taydaelectronics.com/100k-ohm-logarithmic-taper-potentiometer>

<https://www.taydaelectronics.com/10k-ohm-logarithmic-taper-potentiometer>

<http://www.altronics.com.au/p/s1125-spst-momentary-pcb-mount-4.3mm-tactile-switch>

<https://littl.com.au> or try Sparkfun in the US

<https://www.taydaelectronics.com/dip-switch-6-positions-gold-plated-contacts>

<https://www.taydaelectronics.com/dip-switch-4-positions-gold-plated-contacts>

<https://www.taydaelectronics.com/2n3904-npn-general-purpose-transistor.html>

<https://www.taydaelectronics.com/l7809cv-l7809-7809-voltage-regulator-ic-9v-1a>

<http://www.digikey.com.au/product-detail/en/cui-inc/SJ1-3555NG-BE/CP1-3555NG-BE>

<http://www.taydaelectronics.com/kn8f-knob-grey.html>

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