All of the components for this circuit can be purchased from:

Digi-Key Corporation
http://www.digikey.com

U2: DM74LS10N-ND  74LS10: 8-input NAND gate
U3: 296-1626-5-ND  74LS00: IC quad 2-input NAND gate
U5: 296-1660-5-ND  74LS373: IC octal D-type latch
U4, U5: 296-1629-5-ND  74LS04: IC Hex Inverter, 14-DIP
D-N (8) HLMP3750-ND  Red LED
SW1, SW-N (9) 502PB-ND  Pushbutton Switch
Q1: 2N3904-ND  2N3904-ND NPN Bipolar Transistor
B1: 140C-ND  Buzzer
R1, R-N (9) 10KQBK-ND  10K Resistor
R2: 1KQBK-ND  1K Resistor
SW2: EG1902-ND  Toggle Switch
C1: P10267-ND  47uF electrolytic capacitor
C2-C6: 1109PHCT-ND  0.1uF capacitor
U6: 296-1974-5-ND  7805: Power Regulator
BT1: BS12I-HD-ND  9V Battery Snap Cable
plus suitable enclosures (i.e., soap boxes), cables, hook-up wire, prototyping boards, connectors of desired, etc.

The power leads of the IC's are not shown on the schematic.  Connect +5V to the highest-numbered pin.  Connect GND to the pin in the opposite corner.  Connect a 0.1uF capacitor directly across the power leads of each IC.  The capacitor should have short leads and be placed as close to the IC as possible.