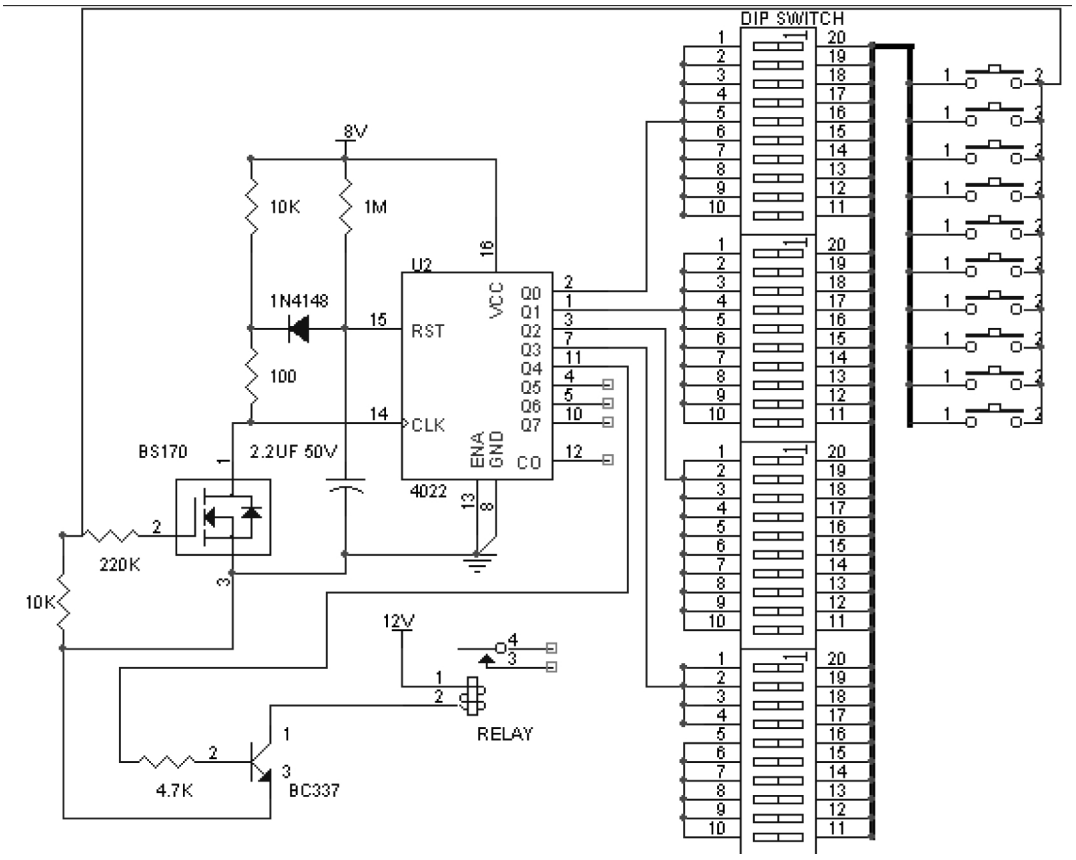
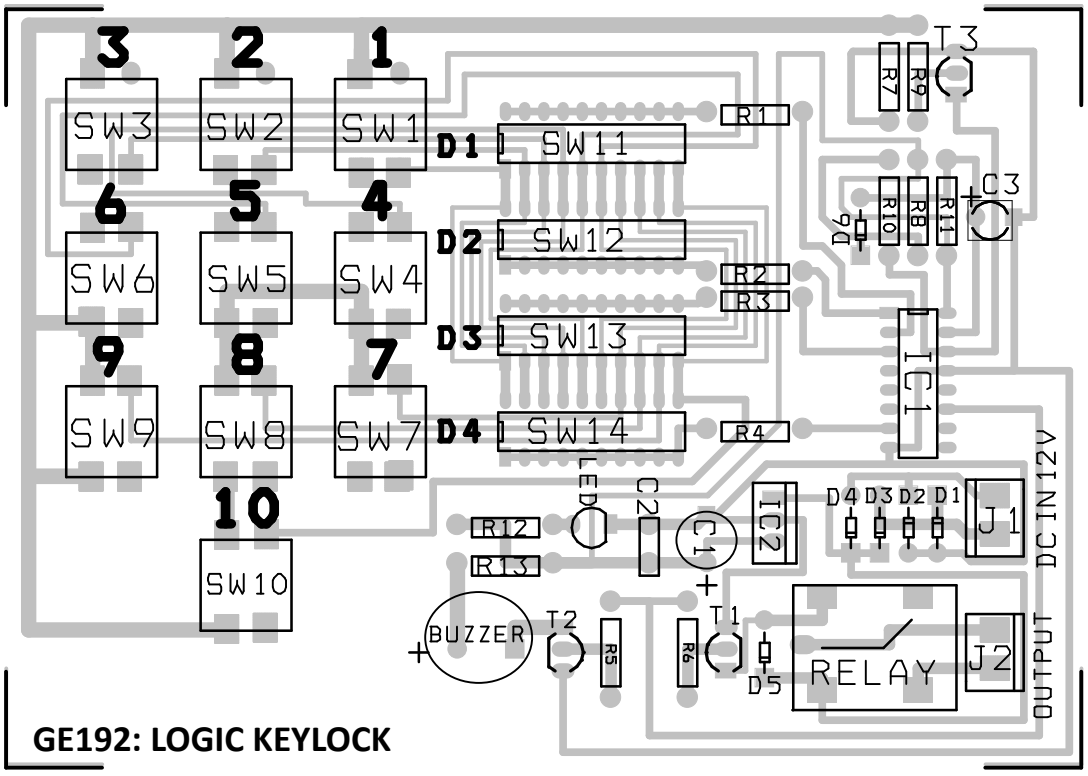
LOGIC KEYLOCK

GE 192





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PLEASE REFER TO THE NEXT PAGE →

BILL OF MATERIALS :

R1➔R6 : 4.7KOHM (Yellow, Violet, Red)
R7, R8 : 10KOHM (Brown, Black, Orange)
R9 : 220KOHM (Red, Red, yellow)
R10 : 100 OHM (Brown, black, Brown)
R11 : 1MOHM (Brown, black, Green)
R 2.2KOHM (Red, Red, Red)
R13 : 330 OHM (Orange,Orange,Brown)
C1 : 470UF 16V (Electrolic capacitor)
C2 : 100NF 50V (Non polar capacitor) 104 50V
C3 : 2.2UF 50V (Electrolic capacitor)
D1➔D4 : 1N4007 (SIGNAL Diode)
D5, D6 : 1N4148 (SIGNAL Diode)
T1, T2 : BC337 (NPN Transistor)
T3 : BS170 (N-FET Transistor)
IC1 : CD4022 (Decade Counter)
IC2 : LM7808 (Voltage Regulator)
Socket ic 16 pins
LED : LED RED
RELAY 12V
BUZZER 6V
SW1➔SW10 : TACT Switch
SW11➔SW14 : 10 DIP Switch
J1, J2 : Screw Junction

Just enter the code by changing the dip switch (sw1➔sw14) then press the keys –by sequence-
If you enter the right code (4 digit) the relay and the buzzer will activate for 3 seconds .
Example:

Sw11 set to 2
Sw12 set to 5
Sw13 set to 7
Sw14 set to 1

If you press on the tact switches 2 , 5 , 7 , 1 by sequence the relay will activate .
*do not set the dip switches (sw11➔ sw14) to the same value ex (1111) .