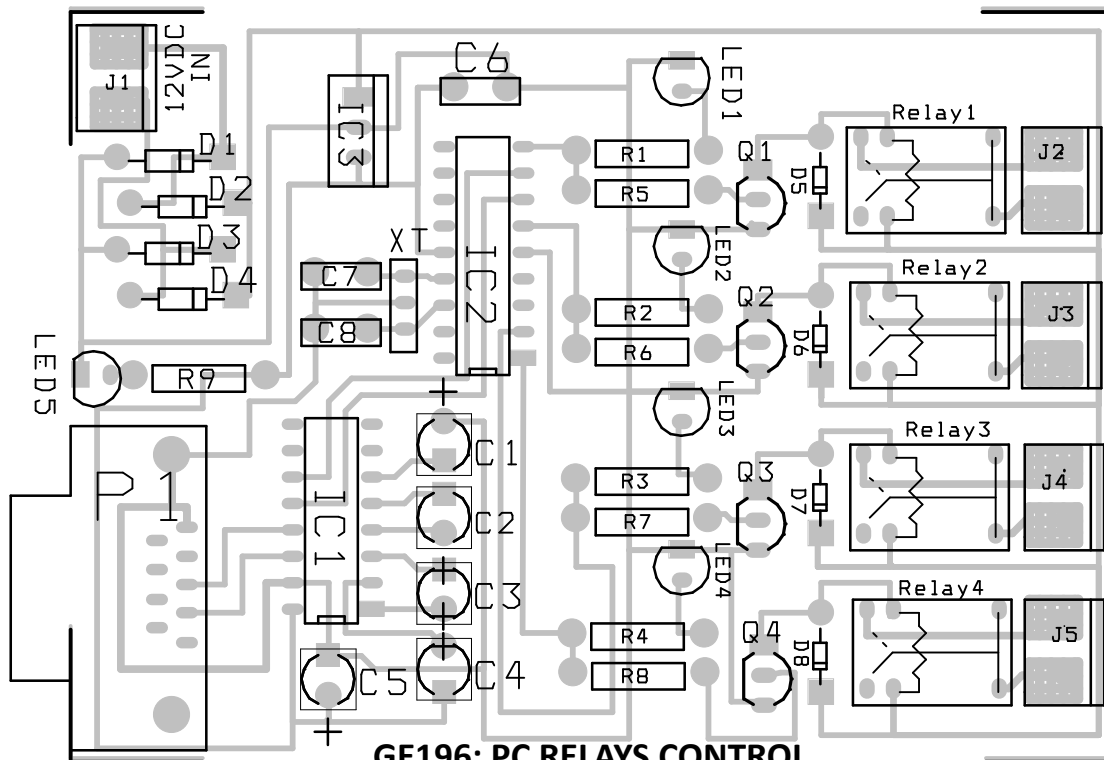
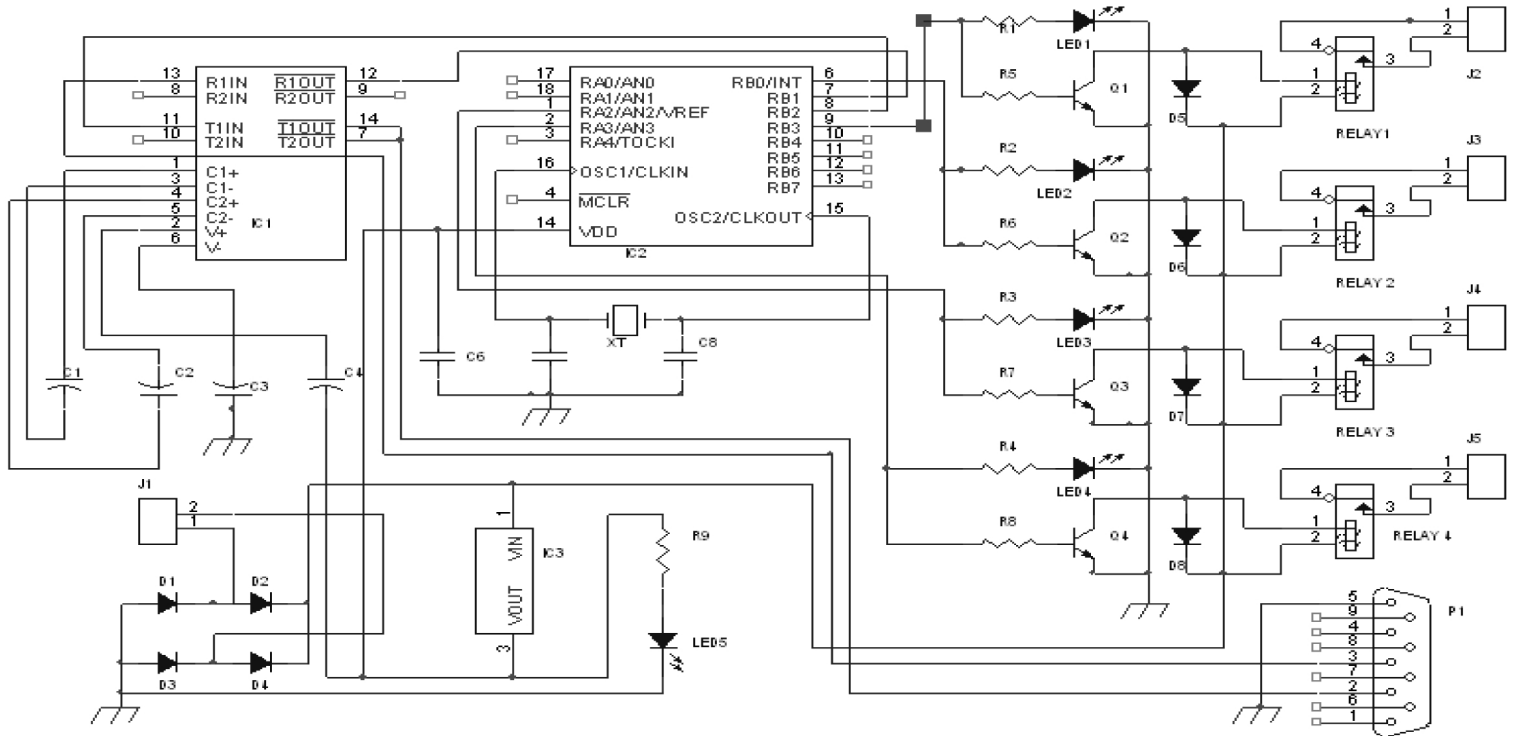


PC RELAYS CONTROL

GE 196



GE196: PC RELAYS CONTROL

BILL OF MATERIALS:

R1→R4: 560 OHM (Green, Blue, Brown)
R5→R8: 4.7 K OHM (Yellow, Violet, Red)
R9: 560 OHM (Green, Blue, Brown)
C1→C4: 1 uF 50 V
C5: 10 uF 50 V
C6: 100 nF 50V (104)
C7, C8: 22 pF 50V (22)
D1→D8: 1N4007 (Signal Diode)
Q1→Q4: BC337 (NPN Transistor)
XT: Crystal 4MHZ
IC1: MAX232(serial adaptor)
IC2: PIC16F628(Microcontroller)
IC3: 7805 (Voltage regulator)
SUPPORT 16PIN
SUPPORT 14PIN
LED1→LED4: LED Red 5mm
LED5: LED Green 5mm
RELAY1→RELAY4: Relay 12v
J1→J5: Screw Junction
P1: D9 Female PCB Serial Plug
CD:1
PROGRAM PIC

By this kit you can drive 4 relays using a Personal computer
Each relay can function in four different modes:

- 1- Latch.
- 2 - toggle.
- 3 - timer.
- 4 - start stop time.

Included CD contains:

Windows software with little tutorial help you to drive the pc serial port using VB6.

Specification: using PC serial PORT with baud rate 9600,8,n,1

Need External power supply 12v 300mA (in case of 4 relays activations)

Relay can be charge by load up to 6A.
