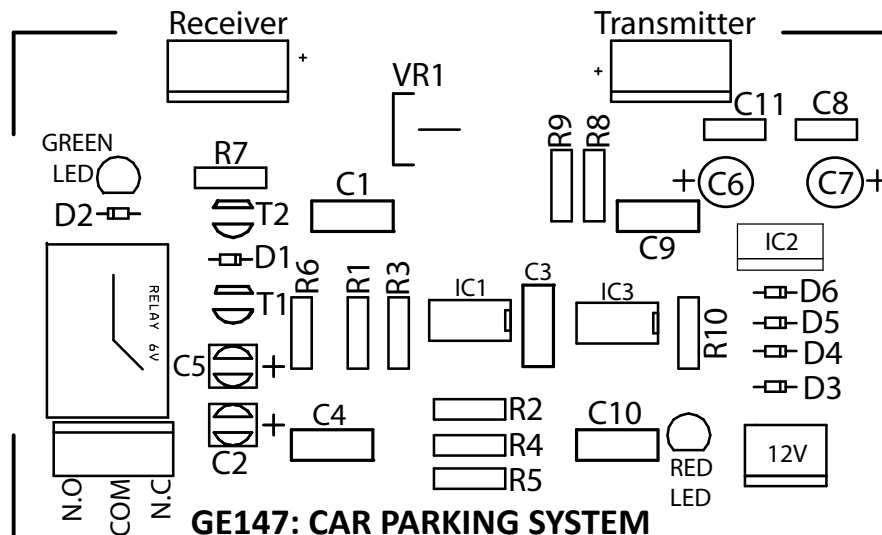
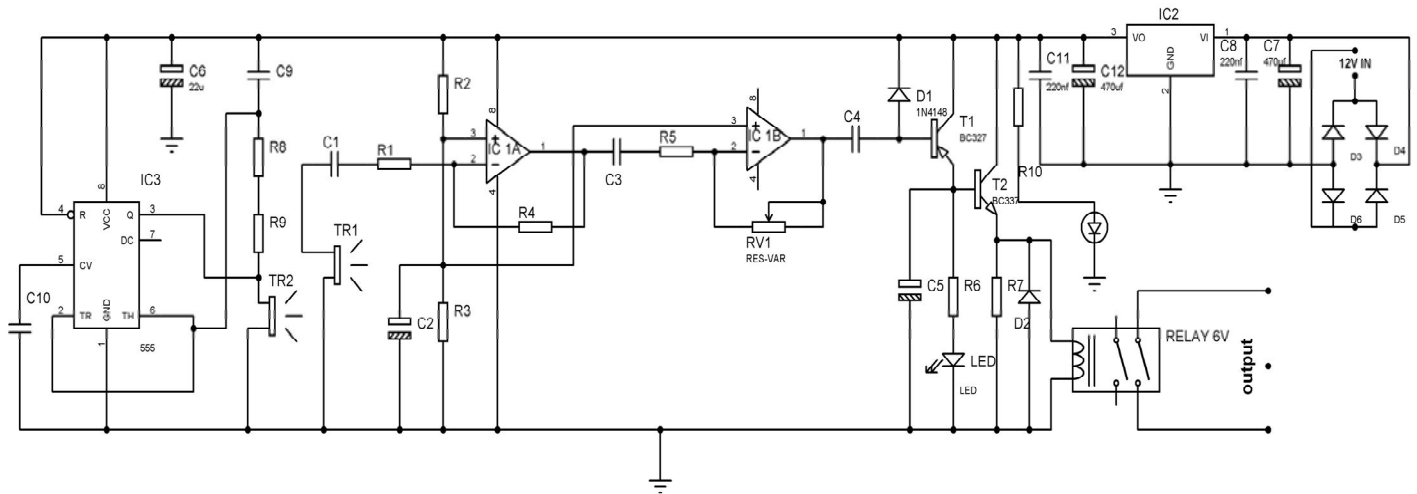


CAR PARKING SYSTEM

GE 147



GE147: CAR PARKING SYSTEM

BILL OF MATERIALS:

R1 :	1.2K Ohm (Brown, Red, Red)	T1 :	BC327 (PNP Transistor)
R2-R3:	47K Ohm (Yellow, Violet, Orange)	T2 :	BC337 (NPN Transistor)
R4 :	3K Ohm (Brown, Black, Red)	IC1 :	TL082 (Dual OPAMP)
R5 :	3.9K Ohm (Orange, White, Red)	IC2 :	7806(Regulator IC)
R6-R9:	5.6K Ohm (Green, Blue, Red)	IC3 :	LM555 (LINEARE IC)
R7 :	560 Ohm (Green, Blue, Brown)	IC support (8 pins – 2 pieces)	
R8 :	10K Ohm (Brown, Black, Orange)	Green-Red LED (5mm)	
R10 :	1K Ohm (Brown, Black, Red)	RL :	6V DC RELAY
VR1 :	Variable resistor 220K	TR1 :	CTD40R (Ultrasonic Receiver)
C1-C3:	3.3nF/50V<332> (Ceramic Capacitor)	TR2 :	CTD40T (Ultrasonic Transmitter)
C2 :	22uF/50V (Electrolytic Capacitor)	2SCREW JUNCTION	
C4-C8-C11:	220 nF/50V<224> (ceramic Capacitor)	3SCREW JUNCTION (3 pieces)	
C5 :	47uF/16V (Electrolytic Capacitor)		
C7-C6:	470uF/16V (Electrolytic Capacitor)		
C9 :	1nF/50V<102> (ceramic Capacitor)		
C10 :	10nF/50V<103> (ceramic Capacitor)		
D1-D2:	1N4148 (Signal Diode)		
D3→D6:	1N4007		