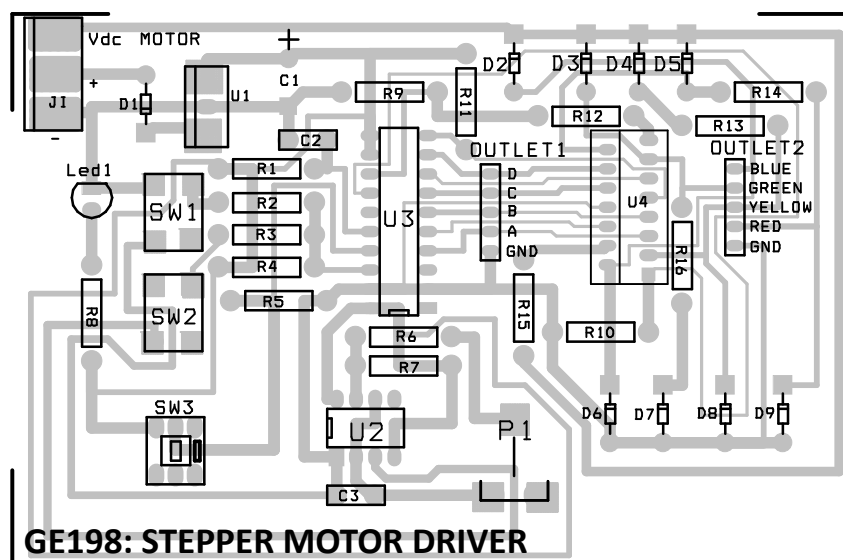
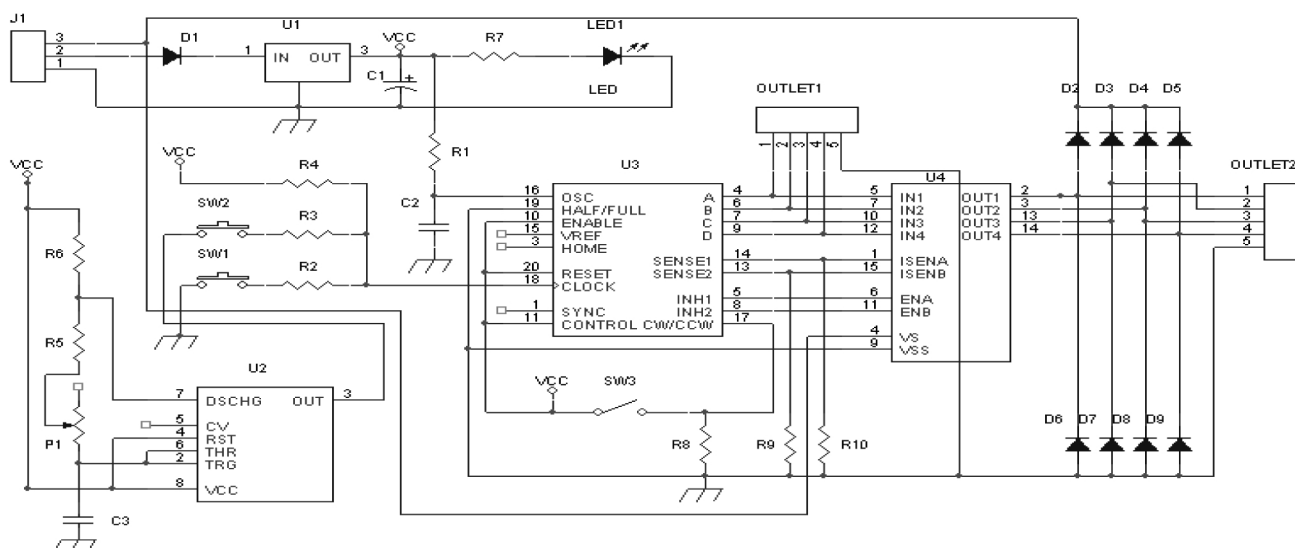


STEPPER MOTOR DRIVER

GE 198



GE198: STEPPER MOTOR DRIVER

BILL OF MATERIALS:

R1:	22 K OHM (Red, Red, Orange)	U2:	NE555 (Oscillator)
R2, R8:	560 OHM (Green, Blue, Brown)	U3:	L297 (Stepper Motor Driver)
R3, R5:	1 K OHM (Brown, Black, Red)	U4:	L298 (H-Bridge)
R4:	100 K OHM (Brown, Black, Yellow)	Led1:	LED Red 5mm
R6, R7:	4,7 K OHM (Yellow, Violet, Red)	SW1:	Step by Step
R9, R10:	0,5 OHM (Green, Black, Silver)	SW2:	Continuously
R10→R16:	0 OHM (Black)	Sw3:	Direction
P1:	100 K OHM (Variable Resistor)	Outlet1:	Driver H-Bridge
C1:	470 uF 16V	Outlet2:	Driver Stepper Motor with max current I _{max} = 2A.
C2:	3,3 nF 50V 332	J1:	Screw Junction
C3:	100 nF 50V 104		
D1:	Signal Diode (1N4007)		
D2→D9:	Schottky Diode (1N5819)		
U1:	7805 (Voltage Regulator)		

* Regulate the variable P1 to obtain the wanted speed.