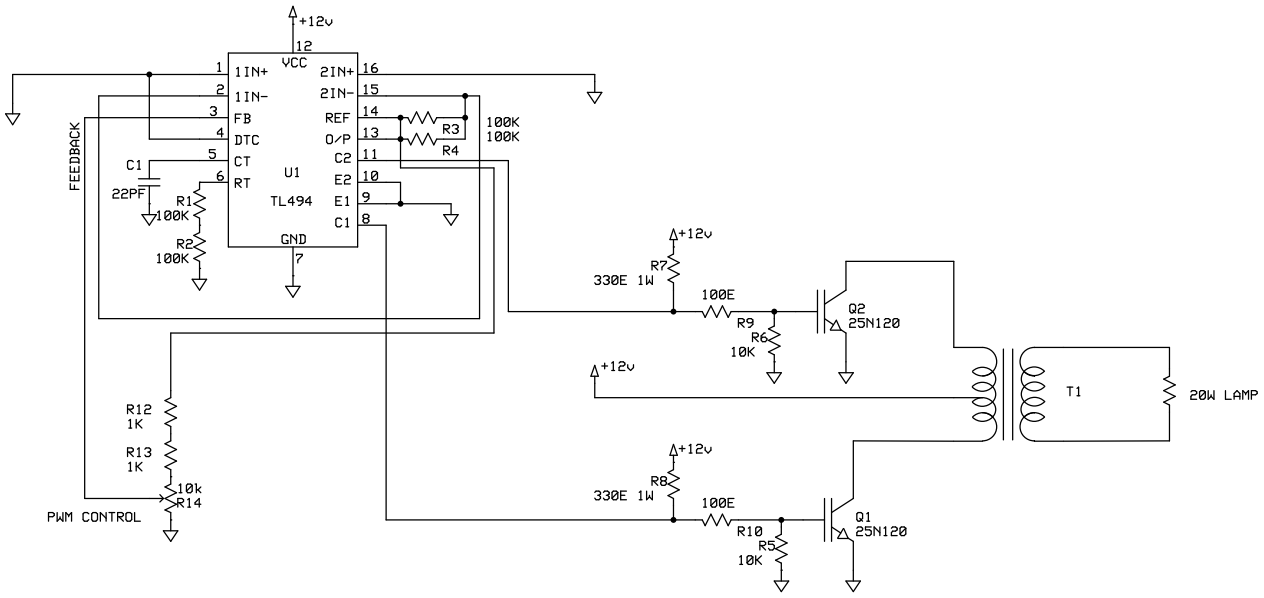

SUPPLY VOLTAGE = 12V DC
VOLTAGE ON IGBT Q1 AND Q2 DRAIN = 9.5 V AC TO 6.5 V AC [PWM]
TRANSFORMERSECONDARY VOLTAGE =220V AC TO 158 V AC [PWM]
OPERATING FREQUENCY = 63 KHZ
PIN 3 FEEDBACK VOLTAGE = 0.851V TO 2.27 V DC

SMPS 12-0-12 /220V AC @ 20W		
PWM OUTPUT VOLTAGE CONTROL USING TL494 IC		
Designer's name	Rev 1.0 08/06/2025	Page # or name