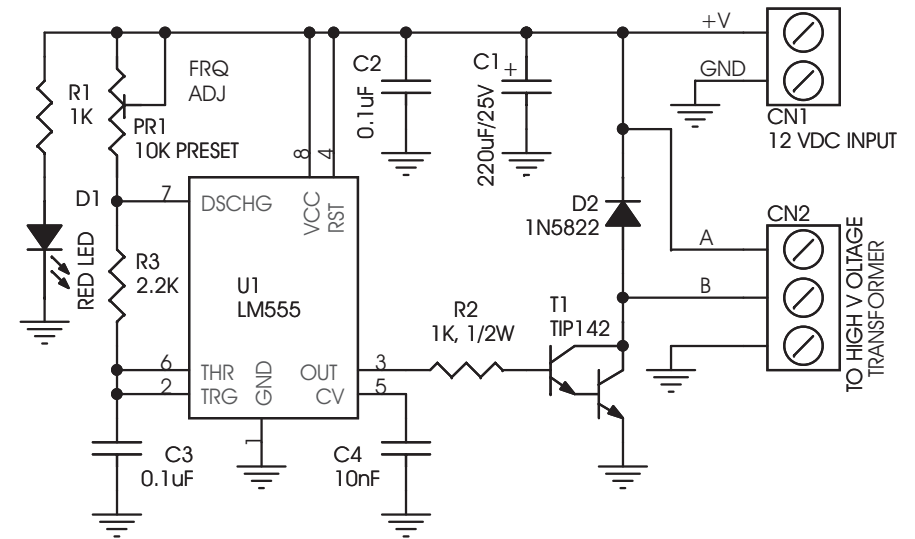
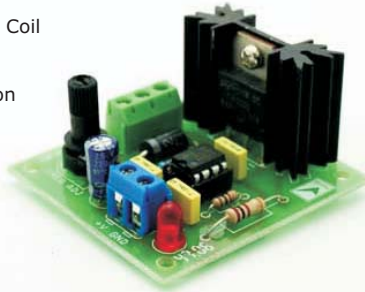


TESLA COIL IGNITOR G010

This kit is an ideal solution for power supply requirements of your TESLA coil experiments. Onboard oscillator can generate 1 KHz up to 30 KHz frequency required for energizing TESLA coil.

- Input 12 VDC @ 500 mA (current depends on coil)
- Onboard PRESET to adjust frequency of oscillator
- Diode protection at the output against back EMF produced by the Coil
- Heatsink for switching transistor
- LED indication for input
- Power Battery Terminal (PBT) for easy input and output connection
- Four mounting holes of 3.2 mm each
- PCB dimensions 51 mm x 54 mm

Ideal Frequency for Tesla/EHT is 25-28 KHz
Please choose prope EHT before you start
Kit can drive 800 mA max



SR.	QTY.	REF.	DESCRIPTION
1	1	CN1	2 PIN PBT CONNECTOR
2	1	CN2	3 PIN PBT CONNECTOR
3	1	C1	220uF/25V
4	1	C2	0.1uF
5	1	C3	0.1uF + 10nF
6	1	C4	10nF
7	1	D1	RED LED
8	1	D2	1N5822
9	1	PR1	10K PRESET
10	1	R1	1K
11	1	R2	1K, 1/2W
12	1	R3	2.2K
13	1	T1	TIP142
14	1	U1	LM555
15	1	SOCKET	8 PIN DIP IC SOCKET
16	1	HEATSINK	HS05025
17	3	SCREW	SC02905
18	1	NUT	NT02900

