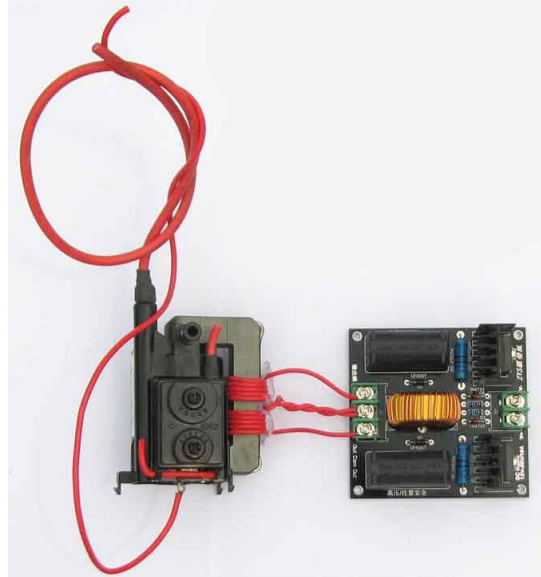


ZVS Tesla Coil Flyback Driver Board with Ignition Coil



Features:

1. Using military FR4-A material 1.6mm double-board circuit board, power line extra add tin and optimizes line width of MOS tube drive circuit.
2. Using two IRFP250N power field pipe, large current, small internal resistance, super-power.
3. Using 1.25 copper wire large inductance, more stable performance.
4. Using 1% precision metal film resistors.
5. Using 25 * 24 * 16mm thick anti-static cooling.
6. Using MKP 0.33UF 1200V two parallel resonant capacitor for high frequency.

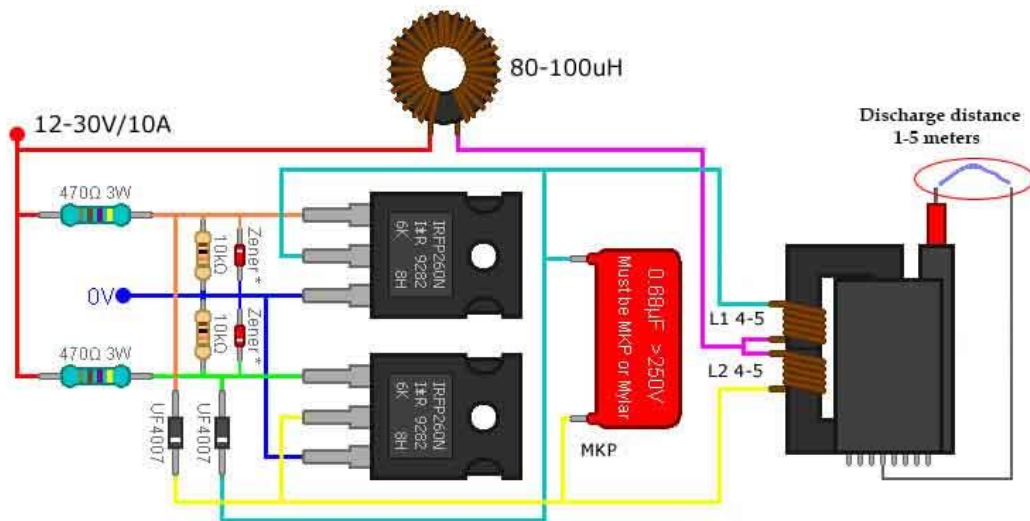
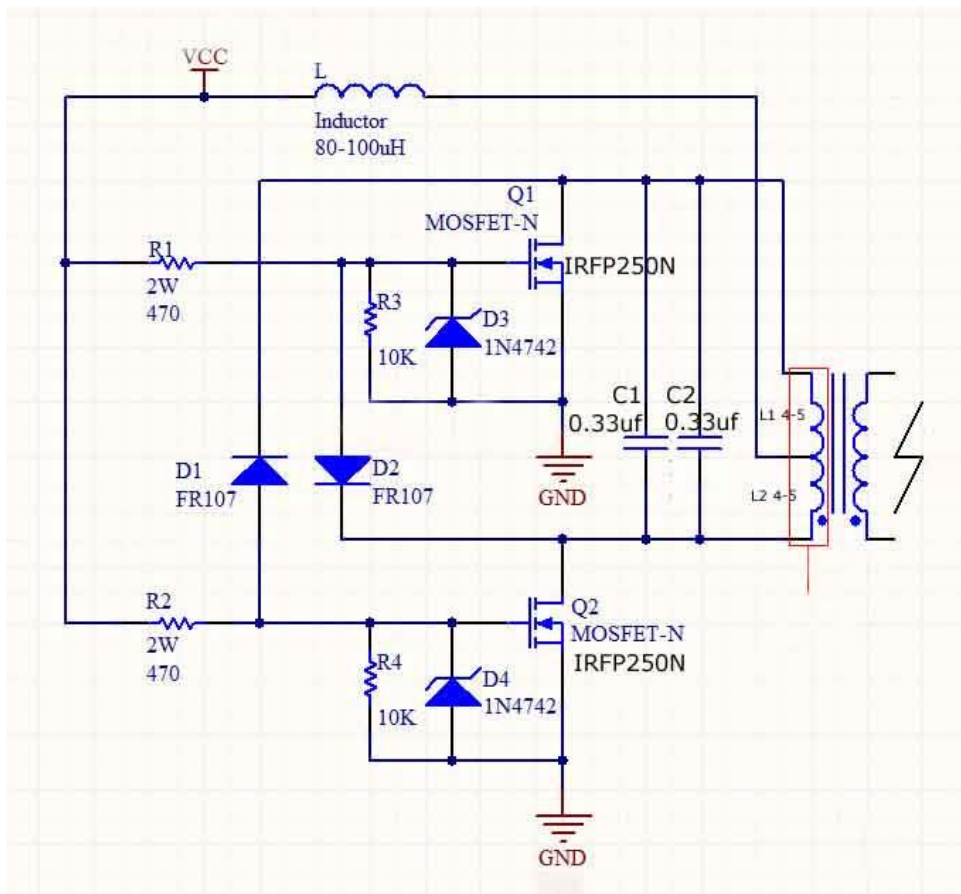
Specifications:

- Size: 74mm x 77mm
- Input voltage: DC 12V-30V
- Output: HVDC, About 800 times of input voltage
- Power requirements: Less than 12V \geq 5A, above 15V \geq 15A
- Operating frequency: 30kHz-50kHz adaptive
- Secondary parameters: 5T + 5T

Precautions:

1. After finishing the installation, carefully check it and verify that all components are soldered correctly.
2. Please note the positive and negative signs of input power, carefully check to prevent reverse burning plate.
3. The test voltage recommended for the low power is 12v, prevent mis-wiring problems or this will cause burning plate.
4. Drive board limit input is DC 30v, current 10A, but it is not recommended to use the limits, and do not work for a long time under overvoltage and overcurrent conditions. Driver board is not suitable for induction heating, if you need induction heating, the recommended input voltage is 15v or less. For induction heating or high power- long use, you will need to add the cooling fan; if poor heat dissipation, it will result in too high MOS tube temperature, which will accelerate the aging of MOS tube, even burning and other issues.

Schematic:



Made in China