

### Working Principle:

A current pass through a filter and AC-DC converter, which is constructed by C1, C2, C3, C4, L1, D2 and D3. Then current pass through R3 and R4 to produce a base current for Q1 and Q2. A positive feedback voltage let Q1 and Q2 jump to saturation region rapidly. Next, the transformer is not charged and the induce voltage disappear. Q1 will be discharged because base current decrease and finally switch off and complete one oscillation cycle. A high frequency pulsed voltage will be induced on L2 and turning on the fluorescent tube.