**ZCD**

**Snubber circuit calculation**

**Snubber Capacitor value**

C=Ip/(dv/dt)

Ip =4A

dv/dt=50uf

=4÷50

=4 ÷ (50\*10^6)

C=80nf

**Snubber Resistor Value**

R= √Vp ÷ √Ip

=√600÷√4

R=12 ohm