



Rd: Select one of  
220k, 100k, 33k, 10k, 4.7k, 1k.

Rf: May not needed.

Inductor Under Test.

simulate purpose.

$$C_x = \frac{C_{x1} * C_{x2}}{C_{x1} + C_{x2}}$$

$$F_o = \frac{1}{2 * \pi * (C_x * L_x)^{0.5}}$$

$$L_x = \frac{1}{4 * \pi^2 * C_x * F_o^2}$$

Fo=1.458KHz .. 803KHz (Lx=238mH .. 0.786uH)

.model LED\_g D(IS=7.33e-15 N=2.645 RS=1.472 BV=15.0 IBV=0.5uA  
+ CJO=19pF Vj=0.6323 M=0.322 lave=0.02 Vpk=4 type=LED mfg=standard)  
model from <http://www.madlabo.com/mad/edat/spice/index.htm>