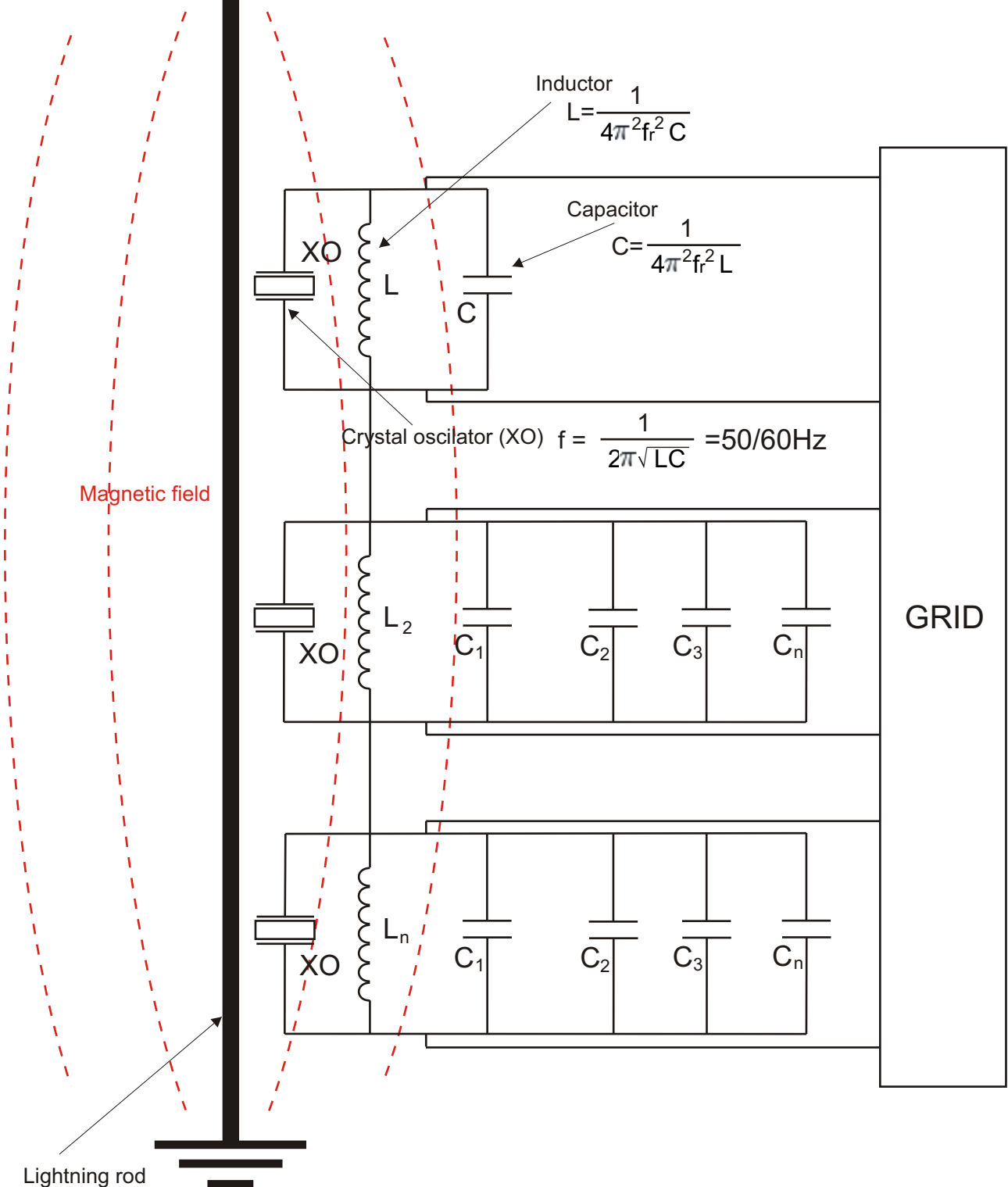


# Connecting to the Grid



To connect this circuit to the Grid, it needs to oscillate at 50/60Hz frequency off the Grid. From the basic resonant frequency formula, the L and C values determine the frequency of resonance. Various combinations of L and C can be resonant at one particular frequency, in this case 50/60Hz. However, the crystal oscillator at 50/60Hz has not been produced yet, so for the time being, this works only in theory.