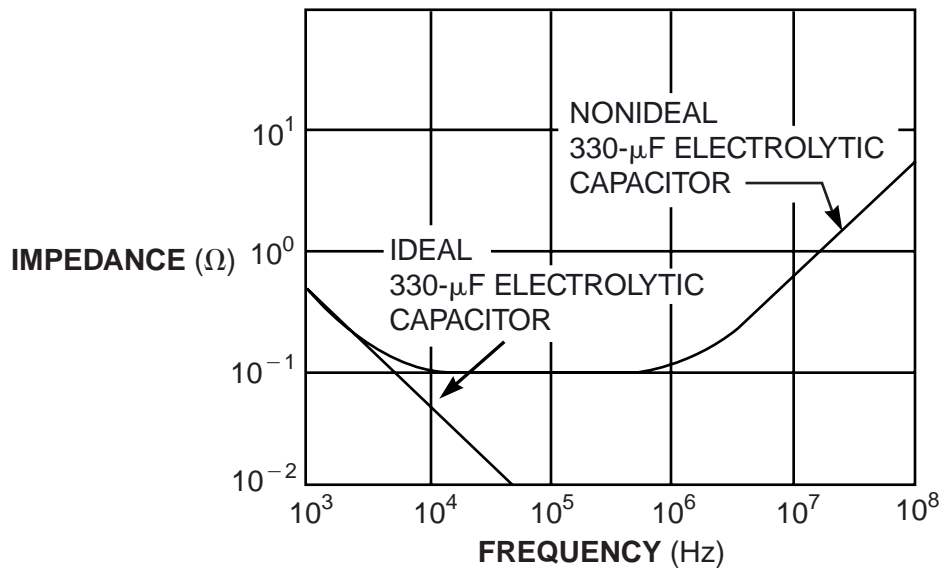


Figure 1



Although an ideal capacitor would have an impedance-versus-frequency characteristic that declines monotonically at 20 dB/decade, parasitic resistance and inductance give a real capacitor a resistive (zero-slope) characteristic at intermediate frequencies and a rising (inductive) impedance at higher frequencies.