

Units of measurements ,

$$C_i = 1/(2*\pi*f*R_i) = C_i = \frac{1}{2\pi * f * R_i}$$

$$\pi = 3.1416$$

$$\text{Microfarad, } \mu F = 10^{-3}$$

$$22K \text{ Ohm } C_i = 22X 10^3 \text{ or } 22,000\Omega$$