

List of Symbols

| Symbol | Description |
|----------------|---|
| C | Capacitance |
| L | Inductance |
| Q | Charge |
| Hz | Frequency |
| P | Pico; 10^{-12} |
| M | Mega; 10^6 |
| G | Gega; 10^9 |
| T | Tera; 10^{12} |
| V | Voltage in Volt |
| I | Current in Ampere |
| F | Farad |
| Q | Quality Factor |
| A | Area |
| D | Displacement Electric Field |
| E | Electric Field |
| P | Polarisation |
| N_i | Number of Dipoles |
| E_c | Coercive Electrical Field |
| E_g | Band Gap |
| E_F | Fermi Level |
| Ar | Argon gas |
| Mo | Molybdenum |
| Ni | Nickel |
| Au | Gold |
| J | Joule |
| k | Kilo; 10^3 |
| n | Nano; 10^{-9} |
| d | Distance |
| Gy | Gamma Radiation Dose in Gray |
| n/cm^2 | Neutron Fluence |
| t | Time in second |
| $\tan \delta$ | Dielectric Loss |
| ϵ_0 | Dielectric Permittivity in Vacuum |
| ϵ | Dielectric Permittivity in Medium |
| ϵ_r | Relative Dielectric Permittivity |
| ϵ'_r | Real Part of Relative Permittivity |
| ϵ''_r | Imaginary Part of Relative Permittivity |
| ω | Angular Frequency |
| γ | Gamma Radiation |
| χ | Susceptibility |
| μ | Micro; 10^{-6} |
| Φ | Work Function |
| 2θ | Diffraction Angle in degree |

