The Greek Alphabet and Its Engineering Uses

Name	Upper Case	Lower Case	Uses
Alpha	A	α	Absorption factor, angles, angular acceleration, attenuation constant, common-base currentam plifition factor, deviation of state parameter, temperature coef ficient of resistance, ther mal-expansion coefficient, thermal diffusivity
Beta	B	β	Angles, common-emitter current-amplification factor, flux density, phase constant, wavelength costant
Gamma	Γ	γ	Electrical conductivity, Grueneisen parameter
Delta	Δ	δ	Angles, damping coefficient (decay constant), decre ment, increment, secondary-emission ratio
Epsilon	E	ε	Capacitivity, dielectric coefficient, electric field intensity, electron energy, emmissivity, permit tivity, base of natural logarithms (2.7128)
Zeta	Z	ζ	Coefficients, coordinates, impedance
Eta	H	η	Chemical potential, dielectric susceptibility (intrin sic capacitance), efficiency, hysteresis, intrinsic impedance of a medium, intrinsic standoff ratio
Theta	Θ	θ	Angle of rotation, angles, angular phase dis placement, reluctance, thermal resistance, transit angle
Iota	I	ι	Inertia
Kappa	K	κ	Coupling coefficient, susceptibility
Lambda	Λ	λ	Line density of charge, permanence, photosensi- tivity, wavelength
Mu	M	μ	Amplification factor, magnetic permeability, micron, mobility, permeability, prefix micro
Nu	N	ν	Reflectivity
Xi	Ξ	ξ	Output coefficient
Omicron	O	o	
Pi	Π	π	Peltier coefficient, ratio of circumference to diameter (3.1416)
Rho	P	ρ	Reflection coefficient, reflection factor, resistivity, volume density of electric charge
Sigma	Σ	σ	Conductivity, Stefan-Boltzmann constant, summation, surface density of charge
Tau	T	τ	Period, propagation constant,. Thomson coefficient, time constant, time-phase displacement, transmission factor
Upsilon	Y	υ	Admittance
Phi	Φ	ϕ	Angles, coefficient of performance, contact potential, magnetic flux, phase angle, phase displacement, radi- ant flux
Chi	X	χ	Angles
Psi	Ψ	ψ	Angles, dielectric flux, displacement flux, phase difference
Omega	Ω	ω	Angular frequency, angular velocity, Ohms, resistance, solid angle