

List of Symbols

Symbol	Description
A	Area
α	Absorption coefficient
C	Capacitance
E	Energy
E_a	Activation energy
E_g	Bandgap
ϵ	Dielectric permittivity
FF	Fill factor
h	Plank constant
I	Current
I_0	Reverse saturation current
I_{ph}	Photo current
J	Current density
J_0	Reverse saturation current density
J_{sc}	Short circuit current density
λ	Wavelength
μ	Mobility
n	Ideality factor
N_c	Effective density of states in conduction band
N_v	Effective density of states in valance band
q	Electronic charge
η	Efficiency
t	Time
τ	Minority carrier life time
θ	Diffraction angle
T	Temperature
R_s	Series resistance
R_{sh}	Shunt resistance
σ	Conductivity
V	Voltage
W	Depletion width
ω	Angular frequency
χ	Electron affinity
ν	Frequency
Ω	Ohm
z	Impedance