

SPICE Parameters

Parameter Name	Symbol	SPICE Name	Units	Default Value
Saturation current	IS	IS	A	1.0E-14
Emission coefficient	n	n	-	1
Series resistance	RS	RS	Ω	0
Transit time	τ_T	TT	sec	0
Zero-bias junction capacitance	C_{j0}	CJ0	F	0
Grading coefficient	m	M	-	0.5
Junction potential	ϕ_0	VJ	V	1

First Order SPICE diode model parameters