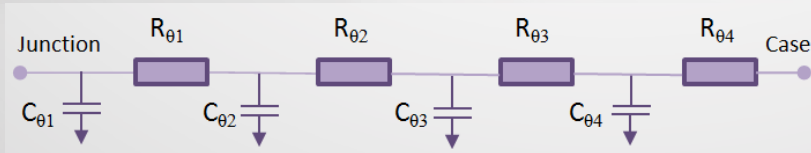


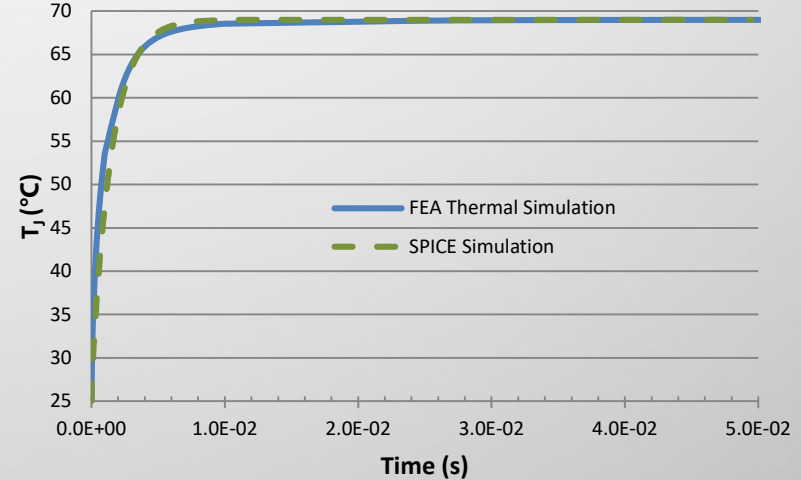
$$R_{\theta JC} = 0.55 \text{ } ^\circ\text{C/W}$$

Boundary Condition:

- Power P = 80 W
- Case temperature at 25 °C



R_{θ} ($^{\circ}\text{C/W}$)	C_{θ} ($\text{W}\cdot\text{s}/^{\circ}\text{C}$)
$R_{\theta 1} = 0.024$	$C_{\theta 1} = 3.92\text{E-}05$
$R_{\theta 2} = 0.372$	$C_{\theta 2} = 2.73\text{E-}03$
$R_{\theta 3} = 0.128$	$C_{\theta 3} = 6.14\text{E-}04$
$R_{\theta 4} = 0.026$	$C_{\theta 4} = 9.30\text{E-}04$



For further understanding, please refer to application note GN007 “Modeling Thermal Behavior of GaN Systems’ GaN_{PS}™ Using RC Thermal SPICE Models” available at www.gansystems.com