EPC2019 SPICE Thermal Model
$R_{\Theta JC}$ & $R_{\Theta JB}$

EPC2019 $R_{\Theta JC}$ SPICE Thermal Model

Typical $R_{\Theta JC}$ = 2.7 °C/W

CTHERM1 th 3 = 0.013

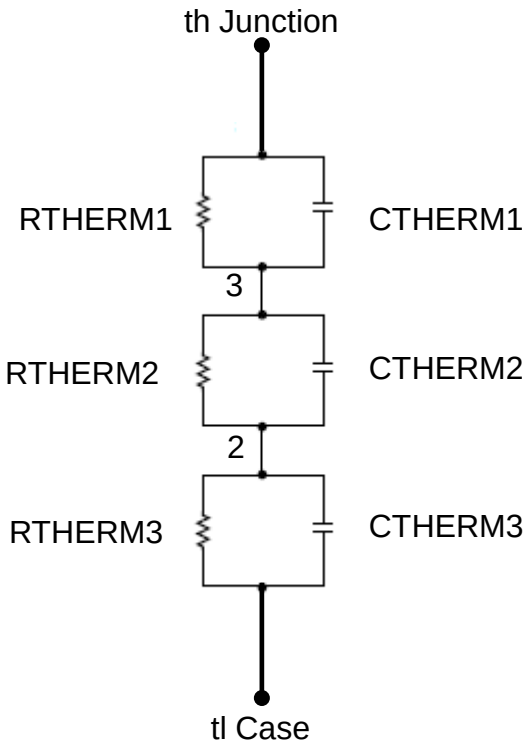
CTHERM2 3 2 = 0.013

CTHERM3 2 tl = 0.0025

RTHERM1 th 3 = 1.57

RTHERM2 3 2 = 0.65

RTHERM3 2 tl = 0.48



EPC2019 $R_{\Theta JB}$ SPICE Thermal Model

Typical $R_{\Theta JB}$ = 7.5 °C/W

CTHERM1 th 3 = 0.019

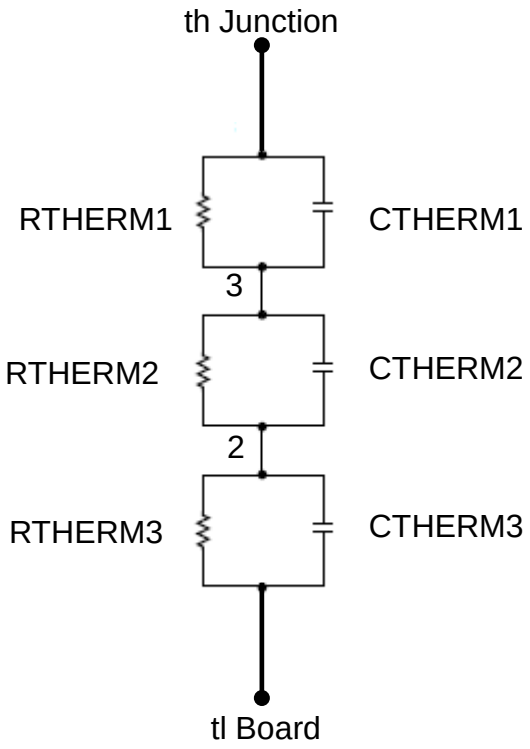
CTHERM2 3 2 = 0.210

CTHERM3 2 tl = 0.0025

RTHERM1 th 3 = 5.26

RTHERM2 3 2 = 1.32

RTHERM3 2 tl = 0.92



EPC
EFFICIENT POWER CONVERSION

The end of the road for silicon…..

is the beginning of the eGaN FET journey!