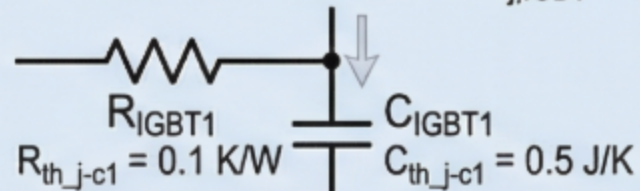


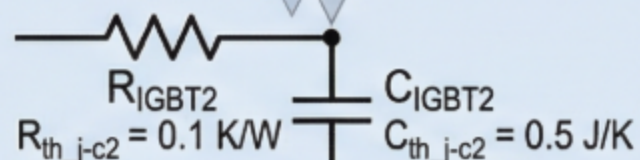
IGBT Thermal Branch

IGBT Junction Temperature $T_{j,IGBT}$

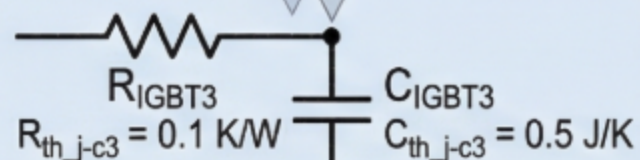
Node IGBT-1
(junction)



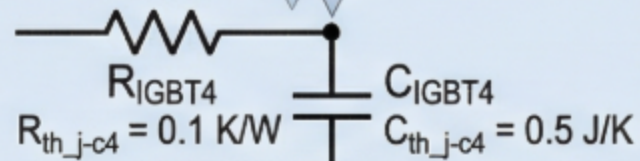
Node IGBT-2



Node IGBT-3



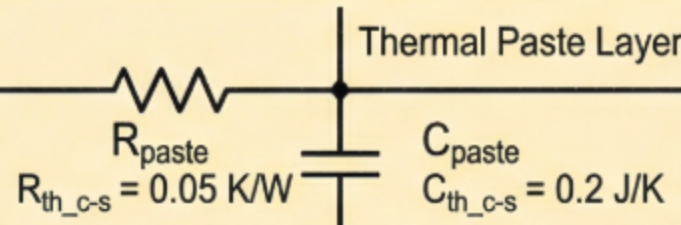
Node IGBT-4



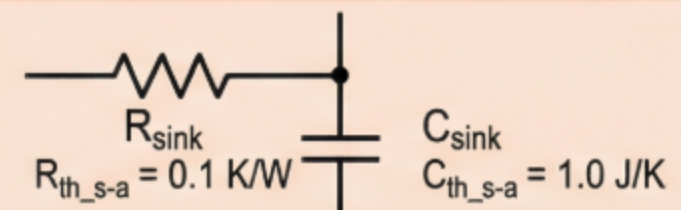
Node IGBT-5
(case connection)



Thermal Paste Layer — R_{paste} , C_{paste}



Heat Sink Node — R_{sink} , C_{sink}

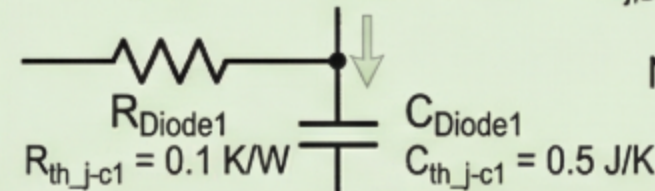


Ambient T_a

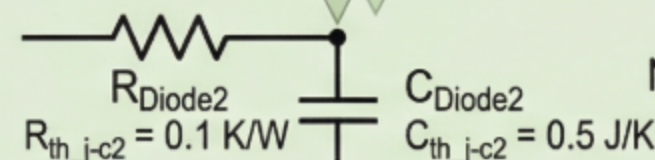
Diode Thermal Branch

Diode Junction Temperature $T_{j,Diode}$

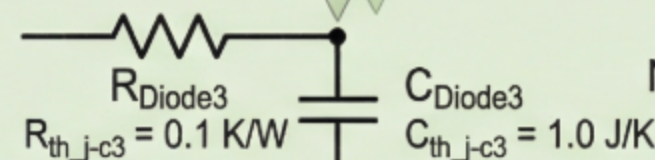
Node Diode-1
(junction)



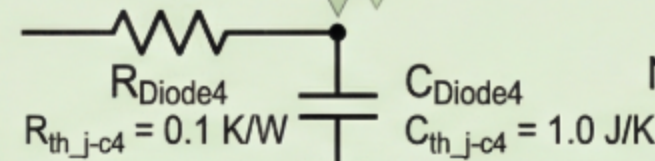
Node Diode-2



Node Diode-3



Node Diode-4



Node Diode-5
(case connection)

