

Thermal Resistance Modeling Report

Two-Resistor Model: BD82A26MUF-M

This application note provides the information needed to create a two-resistor model for thermal simulation of LED Driver IC BD82A26MUF-M. The thermal simulations mentioned here cover three-dimensional thermal conduction and thermal fluid analysis tools.

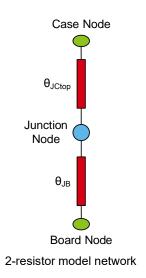
Product Summary

Model name: <u>BD82A26MUF-M</u> Package name: VQFN32FBV050 Function: LED Driver IC

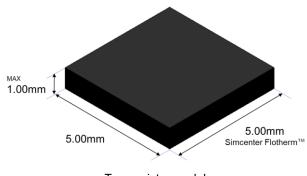
See Datasheet for more details.

Thermal Resistance

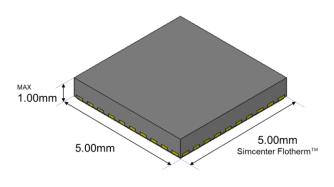
Element	Value
θ _{JCtop}	28.8 [°C/W]
θ _{JB}	9.2 [°C/W]



3D Model Shape







Detailed model

References

[1] JESD15-3:2008, Two-Resistor Compact Thermal Model Guideline

[2] 'Two-Resistor Model for Thermal Simulation' ROHM

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