

## SPICE thermal model

BUK761R8-30C

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
$R_{th(j-mb)}$	thermal resistance from junction to mounting base		-	-	0.49	K/W

Cth <sub>1</sub>	9.100E-02 F
Cth <sub>2</sub>	1.600E-02 F
Cth <sub>3</sub>	4.002E-03 F
Cth <sub>4</sub>	1.023E-03 F
Cth <sub>5</sub>	2.617E-04 F
Cth <sub>6</sub>	6.690E-05 F
Cth <sub>7</sub>	1.711E-05 F
Cth <sub>8</sub>	4.374E-06 F
Rth <sub>1</sub>	3.290E-01 Ω
Rth <sub>2</sub>	1.210E-01 Ω
Rth <sub>3</sub>	3.000E-02 Ω
Rth <sub>4</sub>	7.379E-03 Ω
Rth <sub>5</sub>	1.822E-03 Ω
Rth <sub>6</sub>	4.499E-04 Ω
Rth <sub>7</sub>	1.111E-04 Ω
Rth <sub>8</sub>	2.744E-05 Ω



Part: BUK761R8-30C  
 Version: 1  
 Date: 17-9-2010  
 Rth: 0.49

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