

## Thermal RC network (Foster)

## SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ <sub>th(j-mb)</sub>	thermal resistance from junction to mounting base		-	-	0.46	K/W
	Cth <sub>1</sub>	2.404E-04 F		Ą	4.	
	Cth <sub>2</sub>	1.735E-03 F		<b>_</b>	tj	
	Cth <sub>3</sub>	1.299E-03 F				
	Cth <sub>4</sub>	4.873E-03 F			$\begin{bmatrix} \\ Rth_1 \\ + \\ Cth_1 \end{bmatrix}$	
	Cth <sub>5</sub>	1.648E-02 F				
	Cth <sub>6</sub>	2.996E-02 F			└ <b>─</b> ╋──┘	
	Cth <sub>7</sub>	6.007E-01 F		- Г	<b>۲</b> • − 1	
	Cth <sub>8</sub>	1.529E+02 F			$\int Rth_2 \rightleftharpoons Cth_2$	2
	Rth₁	3.714E-04 Ω				
	Rth <sub>2</sub>	7.331E-04 Ω		l r		
	Rth <sub>3</sub>	8.493Ε-03 Ω			Rth3 + Cth3	}
	Rth <sub>4</sub>	2.053E-02 Ω			┎	
	Rth <sub>5</sub>	6.988E-02 Ω			<b>_</b>	
	Rth <sub>6</sub>	2.879E-01 Ω				1
	Rth <sub>7</sub>	8.385E-02 Ω			<b></b>	ŀ
	Rth <sub>8</sub>	1.433E-03 Ω	(	(P)		
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						5
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Part:	BUK964R7-80E			[		2
ate:	11/4/2013					•
lodel Rth	0.47 K/W			<b>_</b>		
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				V	001aal768	3

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