

## Thermal RC network (Foster)

## SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R <sub>th(j-mb)</sub>	thermal resistance from junction to mounting base		-	-	0.65	K/W
	Cth <sub>1</sub>	1.572E-04 F		Ą		
	Cth <sub>2</sub>	1.124E-03 F		<b>_</b>	tj	
	Cth <sub>3</sub>	8.462E-04 F				
	Cth <sub>4</sub>	3.272E-03 F			$\begin{bmatrix} \\ Rth_1 \\ + \\ Cth_1 \end{bmatrix}$	
	Cth <sub>5</sub>	1.019E-02 F				
	Cth <sub>6</sub>	2.118E-02 F			└ <b>─</b> ╋──┘	
	Cth <sub>7</sub>	5.698E-01 F		-   r	<b>۲</b> • − 1	
	Cth <sub>8</sub>	1.813E+02 F			$\int Rth_2 \rightleftharpoons Cth_2$	2
	Rth₁	5.654E-04 Ω				
	Rth <sub>2</sub>	1.114E-03 Ω		l r	<b>-</b>	
	Rth <sub>3</sub>	1.315E-02 Ω			Rth3 🛨 Cth3	5
	Rth₄	3.159E-02 Ω		L .	᠊᠋	
	Rth <sub>5</sub>	1.138E-01 Ω				
	Rth <sub>6</sub>	3.999E-01 Ω				
	Rth <sub>7</sub>	9.381E-02 Ω				ŀ
	Rth <sub>8</sub>	1.005E-03 Ω	(	(P)		
				Ť [		5
				[		
				l		
				l r	┎─┥─┐	
					$\operatorname{Rth}_7 = \operatorname{Cth}_7$	,
Part:	BUK7E4R6-60E					
art.	DUN/L4N0-00L					5
ate:	11/4/2013					
Rth	0.65 K/W			· · · · •	] • .	
				$\checkmark$	t <sub>amb</sub> 001aal768	

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