

## Thermal RC network (Foster)

## **SPICE thermal model**

BUK9M42-60E Unit

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R <sub>th(j-mb)</sub>	thermal resistance from junction to mounting base		-	-	3.40	K/W
	Cth₁	1.254E-05 F		<b>A</b>		
	Cth <sub>2</sub>	1.257E-04 F			<u>[j</u>	
	Cth <sub>3</sub>	7.908E-05 F			$\overline{}$	
	Cth <sub>4</sub>	5.371E-02 F		Г	Rth <sub>1</sub> + Ctr	
	Cth <sub>5</sub>	4.805E-04 F			」Rth1 〒Cth	11
	Cth <sub>6</sub>	1.086E-02 F				
	Cth <sub>7</sub>	2.098E-02 F			5	
	Cth <sub>8</sub>	3.685E+03 F			Rth <sub>2</sub> = Ctr	12
				L		
	Rth <sub>1</sub>	6.283E-03 Ω				
	Rth <sub>2</sub>	1.024E-02 Ω		Г	٦ <sub></sub> لــــ	
	Rth <sub>3</sub>	7.854E-02 Ω			JRth3 <b>†</b> Cth	າვ
	Rth <sub>4</sub>	2.335E-03 Ω				
	Rth <sub>5</sub>	2.418E+00 Ω			ς •	
	Rth <sub>6</sub>	8.346E-01 Ω			Rth4 + Ctr	14
	Rth <sub>7</sub>	4.766E-02 Ω				•
	Rth <sub>8</sub>	2.714E-04 Ω	(	( P )		
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					」Rth5 <b>十</b> Cth	า5
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					Rth <sub>6</sub> + Cth	า6
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Part:

BUK9M42-60E

3/3/2016

Model Rth

3.40 K/W

