

## Thermal RC network (Foster)

## **SPICE thermal model**

BUK9Y113-100E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R <sub>th(j-mb)</sub>	thermal resistance from junction to mounting base		-	-	3.33	K/W
	Cth <sub>1</sub>	1.391E-05 F		<b>∱ \$</b>		
	Cth <sub>2</sub>	8.369E-05 F	I	-	$\neg$	
	Cth <sub>3</sub>	1.007E-04 F			<del></del>	
	Cth <sub>4</sub>	7.010E-04 F		F	tth1 #Cth1	
	Cth <sub>5</sub>	9.370E-04 F		닏		
	Cth <sub>6</sub>	4.967E-03 F				
	Cth <sub>7</sub>	7.711E-02 F		一	L	
					ttn2 = Cth2	
				_	<del></del>	
	Rth <sub>1</sub>	6.625E-03 Ω			<del></del>	
	Rth <sub>2</sub>	1.505E-02 Ω			tth3 📥 Cth3	
	Rth <sub>3</sub>	8.856E-02 Ω		ļ	T 54.13	
	Rth <sub>4</sub>	1.705E-01 Ω		_	1	
	Rth <sub>5</sub>	8.947E-01 Ω		l f		
	Rth <sub>6</sub>	1.999E+00 Ω		F	kthu4 💳 Cthu4	
	Rth <sub>7</sub>	1.566E-01 Ω		느 노	<b>-</b>	
			( F	<b>'</b> / _	<del></del>	
			7		ths +Cths	
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					the ‡Cth6	
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					tth7 = Cth7	
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Part:	BUK9Y113-100E					
ui i.	DONOT 110-100L					
Date:	25/1/2013					
Rth	3.33 K/W	1				
					nb	
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