

## Thermal RC network (Foster)

## **SPICE thermal model**

## PSMN069-100YS

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R <sub>th(j-mb)</sub>	thermal resistance from junction to mounting base		-	-	1.60	K/W
	Cth <sub>1</sub>	1.264E-05 F		<b>∱</b> ┪		
	Cth <sub>2</sub>	4.675E-05 F	1	17	$\neg$	
	Cth <sub>3</sub>	1.400E-04 F		4	<del></del>	
	Cth <sub>4</sub>	5.424E-04 F			tth1 #Cth1	
	Cth <sub>5</sub>	1.474E-03 F		Ų		
	Cth <sub>6</sub>	2.457E-02 F		_	1	
	Cth <sub>7</sub>	5.501E-02 F			•	
					tth2 = Cth2	
				닌	_	
	Rth <sub>1</sub>	7.876E-03 Ω		_	<del>-</del>	
	Rth <sub>2</sub>	2.232E-02 Ω		⋂₌	tithis 📥 Cithis	
	Rth <sub>3</sub>	7.038E-02 Ω		L L		
	Rth <sub>4</sub>	1.993E-01 Ω		_	•	
	Rth₅	4.802E-01 Ω		4	<del></del>	
	Rth <sub>6</sub>	5.815E-01 Ω			tthu = Cthu	
	Rth <sub>7</sub>	2.385E-01 Ω	لے	<b>–</b> Ч		
			( F	') _		
				一 巾_		
					iths = Cths	
				7_	<del></del>	
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					the ±cth6	
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				4	•	
				F	tth7 💳 Cth7	
				닌	_	
Part:	PSMN069-100YS					
	0.1/10/2					
Date:	31/10/2014					
Model Rth	1.60 K/W		l	† t		
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