

## Thermal RC network (Foster)

## **SPICE thermal model**

## PSMN3R0-30MLC

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-		1.70	K/W
	Cth <sub>1</sub>	4.128E-05 F		<b>☆</b> ┪		
	Cth <sub>2</sub>	1.573E-04 F	[	<del></del>	$\neg$	
	Cth <sub>3</sub>	3.383E-04 F		4	•	
	Cth <sub>4</sub>	1.859E-03 F			tth1 = Cth1	
	Cth <sub>5</sub>	3.596E-03 F		닌		
	Cth <sub>6</sub>	8.820E-03 F		_		
	Cth <sub>7</sub>	6.959E-02 F		Ŭ₽	tth2 = Cth2	
	Rth₁	2.338E-03 Ω		닌		
	Rth <sub>2</sub>	6.040E-03 Ω		Н		
	Rth <sub>3</sub>	2.521E-02 Ω			tth3 💳 Cth3	
	Rth <sub>4</sub>	6.827E-02 Ω		닌	•	
	Rth <sub>5</sub>	2.806E-01 Ω			<del>-</del>	
	Rth <sub>6</sub>	1.154E+00 Ω			tth4 ± Cth4	
	Rth <sub>7</sub>	1.637E-01 Ω	لر	_ Ų.		
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art:	PSMN3R0-30MLC					
Date:	2/11/2015					
Model Rth	1.70 K/W		L	<del>•</del>		
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