

## Thermal RC network (Foster)

## **SPICE thermal model**

## PSMN6R0-30YLD

Symbol R <sub>th(j-mb)</sub>	thermal resistance			Тур		
	from junction to mounting base		-	-	3.22	K/W
	Cth <sub>1</sub>	1.039E-05 F		<b>A</b>	4	
	Cth <sub>2</sub>	1.209E-04 F			<u>tj</u>	
	Cth <sub>3</sub>	1.012E-04 F				
	Cth <sub>4</sub>	7.006E-04 F				
	Cth <sub>5</sub>	9.345E-04 F			Rth1 + Cth1	
	Cth <sub>6</sub>	6.477E-03 F				
	Cth <sub>7</sub>	3.819E-02 F			<b>←</b>	
	Cth <sub>8</sub>	4.371E+01 F			Rth <sub>2</sub> + Cth <sub>2</sub>	
	Rth₁	6.351E-03 Ω				
	Rth <sub>2</sub>	1.020E-02 Ω		1 1	<b>-</b>	
	Rth <sub>3</sub>	8.185E-02 Ω			Rth3 + Cth3	
	Rth <sub>4</sub>	1.526E-01 Ω		'	┖•	
	Rth <sub>5</sub>	9.039E-01 Ω				
	Rth <sub>6</sub>	1.374Ε+00 Ω			Rth4 + Cth4	
	Rth <sub>7</sub>	6.843E-01 Ω			J <b>4</b> T 0 <b>4</b>	
	Rth <sub>8</sub>	7.108E-03 Ω	(	( P )		
				$\bigvee$ $_{I}$	<b>「</b> 」	
					Rth <sub>5</sub> + Cth <sub>5</sub>	
				'	┸┯╜	
					Rth <sub>6</sub> + Cth <sub>6</sub>	
				l		
					Rth7 = Cth7	
				'	ᆫ	
Dort:	PSMN6R0-30YLD					
Part:	LOIMINOKO-301FD				Rth8 + Cth8	
Date:	17/11/2015				J T 5008	
Model Rth	3.22 K/W					
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				V	001aal768	