

## Thermal RC network (Foster)

## **SPICE** thermal model

## PSMN2R0-30YLD

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R <sub>th(j-mb)</sub>	thermal resistance from junction to mounting base		-	-	1.06	K/W
	Cth <sub>1</sub>	4.731E-05 F		<b>↑</b> •		
	Cth <sub>2</sub>	2.675E-04 F	1		$\neg$	
	Cth <sub>3</sub>	3.391E-04 F		4	<del></del>	
	Cth <sub>4</sub>	2.046E-03 F			tth1 #Cth1	
	Cth <sub>5</sub>	4.359E-03 F		Ļ۱	T 44	
	Cth <sub>6</sub>	1.268E-02 F		_	1	
	Cth <sub>7</sub>	1.587E-01 F		ſſ.		
					tth2 = Cth2	
				닌		
	Rth₁	1.876E-03 Ω		_	<del>_</del>	
	Rth <sub>2</sub>	4.464E-03 Ω		ή.	<u> </u>	
	Rth <sub>3</sub>	2.674Ε-02 Ω			tths 🛨 Ctha	
	Rth <sub>4</sub>	5.175E-02 Ω		匸	•	
	Rth <sub>5</sub>	2.284Ε-01 Ω		4	<del></del>	
	Rth <sub>6</sub>	6.730E-01 Ω			tth4 #Cth4	
	Rth <sub>7</sub>	7.378E-02 Ω	لر	Ų		
			( F	• ) _		
			$\overline{}$	/	_	
					tths #Cth5	
				닌	_	
				_	<del>_</del>	
				$\cap_{\mathbf{E}}$	<u> </u>	
					tthe #Cth6	
				匸	<del></del>	
					<del></del>	
					tth7 📥 Cth7	
				Ų.	· T •••	
				_	<b>T</b>	
Part:	PSMN2R0-30YLD					
Date:	17/11/2015					
Model Rth	1.06 K/W					
					nb	
				v		