

Thermal RC network (Foster)

SPICE thermal model

PSMN3R0-30YLD

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	1.64	K/W
	Cth ₁	1.007E-04 F		Ŷ \$		
	Cth ₂	1.242E-04 F	1		\neg	
	Cth ₃	2.282E-04 F		4		
	Cth ₄	1.259E-03 F			tth1 #Cth1	
	Cth ₅	3.513E-03 F		Ų	. T	
	Cth ₆	1.286E-02 F				
	Cth ₇	3.981E-02 F		Н	_	
					tth2 = Cth2	
				닌	_	
	Rth ₁	1.187E-03 Ω		_	-	
	Rth ₂	9.763Ε-03 Ω			tth3 📥 Cth3	
	Rth ₃	3.992E-02 Ω		լ,,	tths = Cth3	
	Rth ₄	8.621E-02 Ω			•	
	Rth ₅	2.641E-01 Ω		4		
	Rth ₆	9.374E-01 Ω			tth4 = Cth4	
	Rth ₇	3.015E-01 Ω	لـر	< \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
			(P	') _		
			T		<u></u>	
					ths = Cths	
				7_	-	
				\vdash	-	
					tthe ‡Cth6	
				Π.		
				_	—	
				4	•	
				F	tth7 🗯 Cth7	
				닌		
Part:	PSMN3R0-30YLD					
Date:	17/11/2015					
Model Rth	1.64 K/W		L	1 4.		
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