

Thermal RC network (Foster)

SPICE thermal model

PSMN013-30YLC

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	5.83	K/W
	Cth ₁	8.461E-06 F		Ŷ \$		
	Cth ₂	7.249E-05 F	Г		\neg	
	Cth ₃	4.968E-05 F		4		
	Cth ₄	9.398E-04 F			tth1 #Cth1	
	Cth ₅	3.434E-04 F		Ų		
	Cth ₆	6.112E-03 F				
	Cth ₇	7.177E-03 F		ή		
					tth2 = Cth2	
				닌	-	
	Rth ₁	8.689E-03 Ω		_	-	
	Rth ₂	1.726E-02 Ω			tth3 📥 Cth3	
	Rth ₃	1.165E-01 Ω		լ,,	tth3 = Cth3	
	Rth ₄	1.470E-01 Ω			┩	
	Rth ₅	1.253E+00 Ω		4		
	Rth ₆	2.239Ε+00 Ω			tth4 = Cth4	
	Rth ₇	2.049Ε+00 Ω		< \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
			(P	') _	<u>.</u>	
			T	一 巾_	<u> </u>	
					ths #Cths	
				Ψ_	-	
					-	
					the ± Cth6	
				Ц°		
				_	1	
				4	•	
					tth7 💳 Cth7	
				닌	—	
Part:	PSMN013-30YLC					
Date:	17/9/2015					
Model Rth	5.83 K/W					
				√ t _{err}	nb	
				٧		