

Thermal RC network (Foster)

SPICE thermal model

PSMN1R5-40ES

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ _{th(j-mb)}	thermal resistance from junction to mounting base		-	0.22	-	K/W
	Cth₁	1.262E-04 F		^		
	Cth ₂	6.614E-04 F		分 :	t _i	
	Cth ₃	1.967E-03 F		•		
	Cth ₄	6.506E-03 F		l r	5	
	Cth ₅	2.066E-02 F			Rth1 = Cth1	
	Cth ₆	1.064E-01 F				
	Cth ₇	1.081E+00 F			$\overline{}$	
	Cth ₈	5.444E+02 F		[Rth ₂ + Cth ₂	
	5 8	3.TTTL 102 1			Rth ₂ = Cth ₂	
	Rth₁	7.320E-04 Ω			_	
	Rth ₂	1.576E-03 Ω			5	
	Rth ₃	5.194E-03 Ω			Rth3 + Cth3	
	Rth ₄	1.594Ε-02 Ω		L		
	Rth ₅	4.880E-02 Ω				
	Rth ₆	9.343Ε-02 Ω			¹ թ., ⊥	
	Rth ₇	5.385E-02 Ω			Rth4 + Cth4	
	Rth ₈	4.824Ε-04 Ω	(P		
			'	Y ,	5	
					Rth5 + Cth5	
				_ L		
				l r	ካ	
					Rth6 + Cth6	
						
					Rth7 + Cth7	
				l L	丿 _ ' 干 ' " '	
Part:	PSMN1R5-40ES			Γ	<u>ነ</u>	
					Rth8 + Cth8	
Date:	21/11/2017					
Model Rth	0.22 K/W	•		<u> </u>		
				\Diamond	t _{amb}	