

Thermal RC network (Foster)

SPICE thermal model

PSMN4R0-40YS

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.00	K/W
	Cth ₁	2.457E-05 F		Δ		
	Cth ₂	2.280E-04 F			<u>tj</u>	
	Cth ₃	4.471E-04 F				
	Cth ₄	1.883E-03 F			<u>՝</u>	
	Cth ₅	4.856E-03 F			」Rth1 十 Cth	1
	Cth ₆	2.004E-02 F				
	Cth ₇	1.320E-01 F				
	Cth ₈	4.801E+00 F			Rth ₂ + Cth	2
	Rth₁	3.132E-03 Ω				
	Rth ₂	5.137E-03 Ω		l [┧ │	
	Rth ₃	2.199E-02 Ω			Rth3 = Cth	3
	Rth ₄	5.657E-02 Ω		'	┖┯┛	
	Rth ₅	1.973E-01 Ω				
	Rth ₆	5.282E-01 Ω			Rth4 + Cth	1
	Rth ₇	5.811E-01 Ω			J T S	-
	Rth ₈	2.656E-02 Ω	((P)		
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					Rth5 + Cth	5
				'	┖•	
					Rth ₆ + Cth	6
				l l	J T 9	0
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					Rth7 + Cth	7
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Part:	PSMN4R0-40YS					
urt.	1 OWN 4110-40 1 O				Rth8 + Cth	R
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Model Rth	1.42 K/W					
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				V	001aal76	8