

Thermal RC network (Foster)

SPICE thermal model

PSMN1R5-30BLE

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.37	K/W
	Cth ₁	3.273E-04 F		\triangle		
	Cth ₂	2.356E-03 F			<u>tj</u>	
	Cth ₃	1.771E-03 F				
	Cth ₄	6.508E-03 F				
	Cth ₅	2.376E-02 F			JRth₁ 🕇 Cth	
	Cth ₆	3.877E-02 F				
	Cth ₇	6.172E-01 F				
	Cth ₈	2.254E+02 F			Rth2 + Cth2	2
	Rth₁	2.726Ε-04 Ω				
	Rth ₂	5.359E-04 Ω		Г	5	
	Rth ₃	6.215E-03 Ω			Rth3 = Cth	3
	Rth₄	1.510E-02 Ω		-	۲_ـــــا	
	Rth ₅	4.941E-02 Ω		_		
	Rth ₆	2.224E-01 Ω			Rth4 + Cth	
	Rth ₇	7.889E-02 Ω			J · · · · · · · · · · · · · · · · · · ·	•
	Rth ₈	9.506Ε-04 Ω	((P)		
				\bigvee ,	5	
					Rth5 = Cth	5
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				_		
					Rth ₆ + Cth ₆	
						•
				Г	5	
					Rth7 + Cth	7
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art:	PSMN1R5-30BLE					
ait.	F OWN IND-OUDLE				Rth8 + Cth8	2
ate:	29/4/2014					,
Nodel Rth	0.37 K/W					
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				V	001aal768	3