

Thermal RC network (Foster)

SPICE thermal model

PSMN1R5-30YLC

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.84	K/W
	Cth ₁	5.987E-05 F		\triangle		
	Cth ₂	3.159E-04 F			<u>tj</u>	
	Cth ₃	3.954E-04 F				
	Cth ₄	2.857E-03 F				
	Cth ₅	5.366E-03 F			JRth1 † Cth1	
	Cth ₆	1.302E-02 F				
	Cth ₇	8.759E-01 F				
	Cth ₈	7.950E+02 F			Rth ₂ + Cth ₂	
	Rth ₁	1.428E-03 Ω				
	Rth ₂	3.433E-03 Ω] [┧_ ゙ ┃	
	Rth ₃	2.245Ε-02 Ω			Rth3 = Cth3	}
	Rth ₄	3.555E-02 Ω		'	┖┿╜	
	Rth ₅	1.747E-01 Ω		l .		
	Rth ₆	5.211E-01 Ω			Rth4 + Cth4	
	Rth ₇	8.112E-02 Ω				•
	Rth ₈	2.444Ε-04 Ω	((P)		
				\bigvee $_{I}$	<u>ነ</u> ነ	
					Rth5 + Cth5	,
				'		
				l .		
					Rth ₆ + Cth ₆	:
				l l		,
] [┧゛┃	
					Rth7 + Cth7	•
					┖-•	
Part:	PSMN1R5-30YLC					
on to					Rth8 + Cth8	.
Date:	24/6/2015					•
Model Rth	0.84 K/W					
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				v	001aal768	•